



Facial Identification Examination

Test No. 24-5571 Summary Report

Participants were provided with 18 image comparison sample sets. They were asked to compare the provided evidence images utilizing their own tools and methods to determine their comparison opinion. Data were returned from 63 participants and are compiled in the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

Manufacturer's Information

The Facial Identification Examination test consisted of 18 pairs of facial images in zipped file format for manual comparison. Participants were asked to examine each pair of facial images utilizing their own methods and provide a comparison opinion.

SAMPLE PREPARATION: Facial images were collected, each pair was placed in a separate digital folder and compiled into a zip file. The image files were zipped and uploaded to the CTS Portal. A MD5 and SHA1 hash value was calculated and provided for the compressed file to validate the integrity of the downloaded file.

VERIFICATION: Predistribution results were consistent with each other and the manufacturer's preparation information.

Comparison Set #	Comparison Opinion
Q1	Different Source
Q2	Different Source
Q3	Different Source
Q4	Common Source
Q5	Different Source
Q6	Common Source
Q7	Common Source
Q8	Different Source
Q9	Common Source
Q10	Different Source
Q11	Common Source
Q12	Different Source
Q13	Different Source
Q14	Common Source
Q15	Different Source
	No consensus achieved
Q16	Common Source
Q17	Different Source
Q18	Common Source



Materials for this test produced and provided through a partnership with Ideal Inovations Incorporated.

Summary Comments

This test was designed to allow participants to evaluate their proficiency in manual comparison of digital facial images using their own tools and methods. The participants were provided with a series of eight comparison sets (Q4, Q6, Q7, Q9, Q11, Q14, Q16, Q18) that originated from a common source and ten comparison sets (Q1, Q2, Q3, Q5, Q8, Q10, Q12, Q13, Q15, Q17) that originated from a different source. Refer to the Manufacturer's Information for preparation details.

All responses of Common Source (Strong Support for Common Source or Support for Common Source) were tallied together, and all responses of Different Source (Strong Support for Different Source or Support for Different Source) were tallied together to determine consensus for the Comparison Opinions.

A total of 63 participants returned results for this test. Of the 18 image-comparison sets that comprised this test, 13 reached a consensus of greater than 90%. The remaining five image sets are described below.

Image set Q17 had a consensus of (Strong) Support for a Different Source (83%) while 11.1% were inconclusive and 6% reported (Strong) Support for Common Source.

Image sets Q5, Q10, and Q16 had a consensus between 75-77%. For image set Q5, the consensus response was (Strong) Support for a Different Source which was reported at the lowest rate amongst the image sets at 75%. Of the remaining participants, 19% reported (Strong) Support for Common Source, and 6% reported Inconclusive. Image set Q10 achieved a consensus response of (Strong) Support for a Different Source at 77%, while 12.7% reported Inconclusive and 9.5% reported (Strong) Support for Common Source. Image set Q16 achieved a consensus response of (Strong) Support for Common Source at 77%, while 17.5% reported Inconclusive and 4.8% reported (Strong) Support for Different Source.

Image set Q15 did not achieve a consensus response. Only 57.1% of responding participants reported (Strong) Support for Different Source, 34.9% reported Inconclusive and 8% reported (Strong) Support for Common Source. For image set Q15, the variability in the feature observation responses highlights the factors that contributed to comparison opinion not reaching consensus.

Participants are encouraged to follow their laboratory's policies and procedures when evaluating their responses to these proficiency test questions.

Comparison Opinion Summary

TABLE 1

Image Set	Assigned Value	Common Source			Inconclusive	Different Source			
		Strong Support		Support (Total)		Strong Support		Support (Total)	
Q1	Different Source	2		1 (3)	0	50		10 (60)	
Q2	Different Source	1		2 (3)	0	51		9 (60)	
Q3	Different Source	0		0 (0)	0	49		14 (63)	
Q4	Common Source	51		12 (63)	0	0		0 (0)	
Q5	Different Source	4		8 (12)	4	24		23 (47)	
Q6	Common Source	58		3 (61)	0	2		0 (2)	
Q7	Common Source	46		17 (63)	0	0		0 (0)	
Q8	Different Source	0		1 (1)	0	48		14 (62)	
Q9	Common Source	41		19 (60)	1	1		1 (2)	
Q10	Different Source	0		6 (6)	8	23		26 (49)	
Q11	Common Source	29		29 (58)	3	1		1 (2)	
Q12	Different Source	0		0 (0)	0	50		13 (63)	
Q13	Different Source	2		0 (2)	0	56		5 (61)	
Q14	Common Source	37		25 (62)	0	1		0 (1)	
Q15	Different Source	1		4 (5)	22	12		24 (36)	
	**No consensus achieved **								
Q16	Common Source	10		39 (49)	11	0		3 (3)	
Q17	Different Source	0		4 (4)	7	19		33 (52)	
Q18	Common Source	54		8 (62)	0	1		0 (1)	

Comparison Opinions

TABLE 2

Image Set Q1: Table 2.1 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Different Source	E2YXFT	Strong Support for Different Source
2KAT63	Strong Support for Different Source	E7JQ38	Support for Different Source
2XLVQ2	Strong Support for Different Source	E9D7GU	Strong Support for Different Source
3UFTE6	Strong Support for Different Source	E9YHHN	Support for Different Source
44J8XH	Support for Common Source	EYNFWN	Strong Support for Different Source
474EX6	Strong Support for Different Source	FG99H7	Strong Support for Different Source
4EKVRZ	Support for Different Source	GM7H34	Support for Different Source
4NN6W4	Support for Different Source	H7ZBPM	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	HVURP4	Strong Support for Different Source
8BND4V	Strong Support for Different Source	J4778Z	Support for Different Source
8FHAQ2	Strong Support for Different Source	JEFCV2	Strong Support for Different Source
8T7EYX	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
9NAAFD	Strong Support for Different Source	KRVGN	Strong Support for Different Source
9WM27B	Strong Support for Different Source	KZ6KVM	Strong Support for Common Source
A4GTRA	Strong Support for Different Source	LYMV82	Strong Support for Different Source
A8F4MA	Strong Support for Different Source	MMPAFW	Strong Support for Different Source
A9BMPB	Strong Support for Different Source	MX9NJY	Strong Support for Common Source
AE2ZQY	Strong Support for Different Source	NPD6JF	Strong Support for Different Source
AQVDNB	Strong Support for Different Source	PT369V	Strong Support for Different Source
BF6CMR	Strong Support for Different Source	QCV8PW	Strong Support for Different Source
BGZVPT	Support for Different Source	QFUJLW	Strong Support for Different Source
BVKBTR	Strong Support for Different Source	QKRZZB	Strong Support for Different Source
BYKLNK	Support for Different Source	QT8L8U	Strong Support for Different Source
CBAKDA	Strong Support for Different Source	QY9X6C	Strong Support for Different Source
D2JEVW	Support for Different Source	RJB49C	Support for Different Source
D3D3DQ	Strong Support for Different Source	RTFBMC	Strong Support for Different Source

Image Set Q1: Table 2.1 - Comparison Opinions

WebCode	Response	WebCode	Response
T9A37R	Strong Support for Different Source		
TLDKJC	Strong Support for Different Source		
TQ9EET	Strong Support for Different Source		
U67NZD	Strong Support for Different Source		
U8BE68	Strong Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Strong Support for Different Source		
WK96YB	Strong Support for Different Source		
X2TF24	Strong Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q1		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	2 (3.2%)	
Support for Common Source	1 (1.6%)	
Inconclusive	0 (0.0%)	
Support for Different Source	10 (15.9%)	
Strong Support for Different Source	50 (79.4%)	

Image Set Q2: Table 2.2 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Different Source	E9D7GU	Strong Support for Different Source
2KAT63	Strong Support for Different Source	E9YHHN	Support for Different Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Strong Support for Different Source
3UFTE6	Support for Common Source	FG99H7	Strong Support for Different Source
44J8XH	Support for Different Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Strong Support for Different Source	HVURP4	Strong Support for Different Source
4NN6W4	Support for Different Source	J4778Z	Support for Different Source
6VNPYY	Strong Support for Different Source	JEFCV2	Strong Support for Different Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Strong Support for Different Source	KRVGN	Strong Support for Different Source
8T7EYX	Strong Support for Different Source	KZ6KVM	Support for Different Source
9NAAFD	Strong Support for Different Source	LYMV82	Strong Support for Different Source
9WM27B	Strong Support for Different Source	MMPAFW	Strong Support for Different Source
A4GTRA	Strong Support for Different Source	MX9NJY	Support for Different Source
A8F4MA	Strong Support for Different Source	NPD6JF	Strong Support for Different Source
A9BMPB	Strong Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Strong Support for Different Source	QCV8PW	Strong Support for Different Source
AQVDNB	Strong Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Strong Support for Different Source	QKRZZB	Strong Support for Different Source
BGZVPT	Support for Different Source	QT8L8U	Strong Support for Different Source
BVKBTR	Strong Support for Different Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Strong Support for Different Source
CBAKDA	Strong Support for Different Source	RTFBMC	Strong Support for Different Source
D2JEVV	Strong Support for Different Source	T9A37R	Strong Support for Different Source
D3D3DQ	Strong Support for Different Source	TLDKJC	Strong Support for Different Source
E2YXFT	Strong Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Strong Support for Different Source		

Image Set Q2: Table 2.2 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Common Source		
U8BE68	Strong Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Strong Support for Different Source		
WK96YB	Strong Support for Common Source		
X2TF24	Strong Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q2		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	1 (1.6%)	
Support for Common Source	2 (3.2%)	
Inconclusive	0 (0.0%)	
Support for Different Source	9 (14.3%)	
Strong Support for Different Source	51 (81.0%)	

Image Set Q3: Table 2.3 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Different Source	E9D7GU	Strong Support for Different Source
2KAT63	Strong Support for Different Source	E9YHHN	Strong Support for Different Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Strong Support for Different Source
3UFTE6	Strong Support for Different Source	FG99H7	Strong Support for Different Source
44J8XH	Support for Different Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Strong Support for Different Source	HVURP4	Strong Support for Different Source
4NN6W4	Support for Different Source	J4778Z	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	JEFCV2	Strong Support for Different Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Strong Support for Different Source	KRVGN	Support for Different Source
8T7EYX	Strong Support for Different Source	KZ6KVM	Support for Different Source
9NAAFD	Strong Support for Different Source	LYMV82	Strong Support for Different Source
9WM27B	Strong Support for Different Source	MMPAFW	Support for Different Source
A4GTRA	Strong Support for Different Source	MX9NJY	Support for Different Source
A8F4MA	Strong Support for Different Source	NPD6JF	Strong Support for Different Source
A9BMPB	Strong Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Support for Different Source	QCV8PW	Strong Support for Different Source
AQVDNB	Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Strong Support for Different Source	QKRZZB	Strong Support for Different Source
BGZVPT	Support for Different Source	QT8L8U	Strong Support for Different Source
BVKBTR	Strong Support for Different Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Strong Support for Different Source
CBAKDA	Strong Support for Different Source	RTFBMC	Support for Different Source
D2JEVV	Support for Different Source	T9A37R	Strong Support for Different Source
D3D3DQ	Strong Support for Different Source	TLDKJC	Strong Support for Different Source
E2YXFT	Strong Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Support for Different Source		

Image Set Q3: Table 2.3 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Strong Support for Different Source		
U8BE68	Strong Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Strong Support for Different Source		
WK96YB	Strong Support for Different Source		
X2TF24	Strong Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q3		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	0 (0.0%)	
Support for Common Source	0 (0.0%)	
Inconclusive	0 (0.0%)	
Support for Different Source	14 (22.2%)	
Strong Support for Different Source	49 (77.8%)	

Image Set Q4: Table 2.4 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Strong Support for Common Source
2KAT63	Strong Support for Common Source	E9YHHN	Strong Support for Common Source
2XLVQ2	Strong Support for Common Source	EYNFWN	Strong Support for Common Source
3UFTE6	Strong Support for Common Source	FG99H7	Strong Support for Common Source
44J8XH	Strong Support for Common Source	GM7H34	Support for Common Source
474EX6	Strong Support for Common Source	H7ZBPM	Strong Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Common Source
4NN6W4	Strong Support for Common Source	J4778Z	Strong Support for Common Source
6VNPYY	Strong Support for Common Source	JEFCV2	Strong Support for Common Source
8BND4V	Strong Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Strong Support for Common Source
8T7EYX	Support for Common Source	KZ6KVM	Support for Common Source
9NAAFD	Strong Support for Common Source	LYMV82	Support for Common Source
9WM27B	Support for Common Source	MMPAFW	Strong Support for Common Source
A4GTRA	Support for Common Source	MX9NJY	Strong Support for Common Source
A8F4MA	Strong Support for Common Source	NPD6JF	Strong Support for Common Source
A9BMPB	Strong Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Strong Support for Common Source	QCV8PW	Strong Support for Common Source
AQVDNB	Strong Support for Common Source	QFUJLW	Strong Support for Common Source
BF6CMR	Strong Support for Common Source	QKRZZB	Strong Support for Common Source
BGZVPT	Support for Common Source	QT8L8U	Strong Support for Common Source
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Common Source
BYKLNK	Support for Common Source	RJB49C	Strong Support for Common Source
CBAKDA	Strong Support for Common Source	RTFBMC	Strong Support for Common Source
D2JEVV	Strong Support for Common Source	T9A37R	Strong Support for Common Source
D3D3DQ	Strong Support for Common Source	TLDKJC	Support for Common Source
E2YXFT	Support for Common Source	TQ9EET	Strong Support for Common Source
E7JQ38	Support for Common Source		

Image Set Q4: Table 2.4 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Strong Support for Common Source		
U8BE68	Strong Support for Common Source		
UGXDTR	Strong Support for Common Source		
VGDWFB	Strong Support for Common Source		
WK96YB	Strong Support for Common Source		
X2TF24	Strong Support for Common Source		
Z9L8L3	Strong Support for Common Source		
ZCKK6L	Strong Support for Common Source		

Opinion Response Summary - Q4		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	51 (81.0%)	
Support for Common Source	12 (19.0%)	
Inconclusive	0 (0.0%)	
Support for Different Source	0 (0.0%)	
Strong Support for Different Source	0 (0.0%)	

Image Set Q5: Table 2.5 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Support for Different Source	E9D7GU	Support for Different Source
2KAT63	Support for Different Source	E9YHHN	Strong Support for Common Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Strong Support for Different Source
3UFTE6	Support for Common Source	FG99H7	Inconclusive
44J8XH	Support for Common Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Different Source
4NN6W4	Inconclusive	J4778Z	Support for Different Source
6VNPYY	Support for Different Source	JEFCV2	Support for Common Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Strong Support for Different Source	KRVGN	Support for Different Source
8T7EYX	Support for Different Source	KZ6KVM	Support for Different Source
9NAAFD	Support for Different Source	LYMV82	Strong Support for Different Source
9WM27B	Strong Support for Different Source	MMPAFW	Strong Support for Different Source
A4GTRA	Strong Support for Different Source	MX9NJY	Inconclusive
A8F4MA	Strong Support for Different Source	NPD6JF	Strong Support for Different Source
A9BMPB	Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Support for Different Source	QCV8PW	Support for Different Source
AQVDNB	Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Support for Common Source	QKRZZB	Strong Support for Different Source
BGVPT	Support for Common Source	QT8L8U	Strong Support for Different Source
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Strong Support for Common Source
CBAKDA	Inconclusive	RTFBMC	Support for Different Source
D2JEVV	Strong Support for Common Source	T9A37R	Support for Different Source
D3D3DQ	Support for Different Source	TLDKJC	Support for Different Source
E2YXFT	Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Support for Different Source		

Image Set Q5: Table 2.5 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Common Source		
U8BE68	Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Support for Different Source		
WK96YB	Support for Common Source		
X2TF24	Strong Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q5		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	4 (6.3%)	
Support for Common Source	8 (12.7%)	
Inconclusive	4 (6.3%)	
Support for Different Source	23 (36.5%)	
Strong Support for Different Source	24 (38.1%)	

Image Set Q6: Table 2.6 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Strong Support for Common Source
2KAT63	Strong Support for Different Source	E9YHHN	Strong Support for Common Source
2XLVQ2	Strong Support for Common Source	EYNFWN	Strong Support for Common Source
3UFTE6	Strong Support for Common Source	FG99H7	Strong Support for Common Source
44J8XH	Strong Support for Common Source	GM7H34	Strong Support for Common Source
474EX6	Strong Support for Common Source	H7ZBPM	Strong Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Common Source
4NN6W4	Strong Support for Common Source	J4778Z	Strong Support for Common Source
6VNPYY	Strong Support for Common Source	JEFCV2	Strong Support for Common Source
8BND4V	Strong Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Strong Support for Common Source
8T7EYX	Strong Support for Different Source	KZ6KVM	Strong Support for Common Source
9NAAFD	Strong Support for Common Source	LYMV82	Strong Support for Common Source
9WM27B	Strong Support for Common Source	MMPAFW	Strong Support for Common Source
A4GTRA	Strong Support for Common Source	MX9NJY	Strong Support for Common Source
A8F4MA	Strong Support for Common Source	NPD6JF	Strong Support for Common Source
A9BMPB	Strong Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Strong Support for Common Source	QCV8PW	Strong Support for Common Source
AQVDNB	Strong Support for Common Source	QFUJLW	Strong Support for Common Source
BF6CMR	Strong Support for Common Source	QKRZZB	Strong Support for Common Source
BGZVPT	Support for Common Source	QT8L8U	Strong Support for Common Source
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Common Source
BYKLNK	Strong Support for Common Source	RJB49C	Strong Support for Common Source
CBAKDA	Strong Support for Common Source	RTFBMC	Strong Support for Common Source
D2JEVV	Strong Support for Common Source	T9A37R	Strong Support for Common Source
D3D3DQ	Strong Support for Common Source	TLDKJC	Strong Support for Common Source
E2YXFT	Support for Common Source	TQ9EET	Strong Support for Common Source
E7JQ38	Strong Support for Common Source		

Image Set Q6: Table 2.6 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Strong Support for Common Source		
U8BE68	Strong Support for Common Source		
UGXDTR	Strong Support for Common Source		
VGDWFB	Strong Support for Common Source		
WK96YB	Strong Support for Common Source		
X2TF24	Strong Support for Common Source		
Z9L8L3	Strong Support for Common Source		
ZCKK6L	Strong Support for Common Source		

Opinion Response Summary - Q6		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	58 (92.1%)	
Support for Common Source	3 (4.8%)	
Inconclusive	0 (0.0%)	
Support for Different Source	0 (0.0%)	
Strong Support for Different Source	2 (3.2%)	

Image Set Q7: Table 2.7 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Strong Support for Common Source
2KAT63	Strong Support for Common Source	E9YHHN	Strong Support for Common Source
2XLVQ2	Strong Support for Common Source	EYNFWN	Strong Support for Common Source
3UFTE6	Strong Support for Common Source	FG99H7	Strong Support for Common Source
44J8XH	Strong Support for Common Source	GM7H34	Support for Common Source
474EX6	Strong Support for Common Source	H7ZBPM	Strong Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Common Source
4NN6W4	Strong Support for Common Source	J4778Z	Support for Common Source
6VNPYY	Strong Support for Common Source	JEFCV2	Support for Common Source
8BND4V	Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Strong Support for Common Source
8T7EYX	Strong Support for Common Source	KZ6KVM	Strong Support for Common Source
9NAAFD	Strong Support for Common Source	LYMV82	Support for Common Source
9WM27B	Support for Common Source	MMPAFW	Support for Common Source
A4GTRA	Strong Support for Common Source	MX9NJY	Support for Common Source
A8F4MA	Strong Support for Common Source	NPD6JF	Strong Support for Common Source
A9BMPB	Strong Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Strong Support for Common Source	QCV8PW	Strong Support for Common Source
AQVDNB	Strong Support for Common Source	QFUJLW	Strong Support for Common Source
BF6CMR	Strong Support for Common Source	QKRZZB	Strong Support for Common Source
BGVPT	Support for Common Source	QT8L8U	Support for Common Source
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Common Source
BYKLNK	Support for Common Source	RJB49C	Strong Support for Common Source
CBAKDA	Support for Common Source	RTFBMC	Strong Support for Common Source
D2JEVV	Strong Support for Common Source	T9A37R	Strong Support for Common Source
D3D3DQ	Strong Support for Common Source	TLDKJC	Support for Common Source
E2YXFT	Support for Common Source	TQ9EET	Strong Support for Common Source
E7JQ38	Support for Common Source		

Image Set Q7: Table 2.7 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Strong Support for Common Source		
U8BE68	Strong Support for Common Source		
UGXDTR	Strong Support for Common Source		
VGDWFB	Strong Support for Common Source		
WK96YB	Strong Support for Common Source		
X2TF24	Support for Common Source		
Z9L8L3	Strong Support for Common Source		
ZCKK6L	Strong Support for Common Source		

Opinion Response Summary - Q7		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	46 (73.0%)	
Support for Common Source	17 (27.0%)	
Inconclusive	0 (0.0%)	
Support for Different Source	0 (0.0%)	
Strong Support for Different Source	0 (0.0%)	

Image Set Q8: Table 2.8 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Different Source	E9D7GU	Support for Different Source
2KAT63	Support for Different Source	E9YHHN	Strong Support for Different Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Strong Support for Different Source
3UFTE6	Strong Support for Different Source	FG99H7	Strong Support for Different Source
44J8XH	Strong Support for Different Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Different Source
4NN6W4	Strong Support for Different Source	J4778Z	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	JEFCV2	Strong Support for Different Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Strong Support for Different Source	KRVGN	Strong Support for Different Source
8T7EYX	Support for Different Source	KZ6KVM	Support for Different Source
9NAAFD	Support for Different Source	LYMV82	Strong Support for Different Source
9WM27B	Strong Support for Different Source	MMPAFW	Strong Support for Different Source
A4GTRA	Strong Support for Different Source	MX9NJY	Support for Different Source
A8F4MA	Strong Support for Different Source	NPD6JF	Strong Support for Different Source
A9BMPB	Strong Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Support for Different Source	QCV8PW	Strong Support for Different Source
AQVDNB	Strong Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Support for Different Source	QKRZZB	Strong Support for Different Source
BGZVPT	Support for Different Source	QT8L8U	Support for Different Source
BVKBTR	Strong Support for Different Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Strong Support for Different Source
CBAKDA	Strong Support for Different Source	RTFBMC	Support for Different Source
D2JEVV	Strong Support for Different Source	T9A37R	Strong Support for Different Source
D3D3DQ	Strong Support for Different Source	TLDKJC	Strong Support for Different Source
E2YXFT	Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Strong Support for Different Source		

Image Set Q8: Table 2.8 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Strong Support for Different Source		
U8BE68	Strong Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Strong Support for Different Source		
WK96YB	Strong Support for Different Source		
X2TF24	Strong Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q8		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	0 (0.0%)	
Support for Common Source	1 (1.6%)	
Inconclusive	0 (0.0%)	
Support for Different Source	14 (22.2%)	
Strong Support for Different Source	48 (76.2%)	

Image Set Q9: Table 2.9 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Strong Support for Common Source
2KAT63	Support for Common Source	E9YHHN	Strong Support for Different Source
2XLVQ2	Strong Support for Common Source	EYNFWN	Strong Support for Common Source
3UFTE6	Strong Support for Common Source	FG99H7	Strong Support for Common Source
44J8XH	Strong Support for Common Source	GM7H34	Strong Support for Common Source
474EX6	Strong Support for Common Source	H7ZBPM	Strong Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Common Source
4NN6W4	Strong Support for Common Source	J4778Z	Strong Support for Common Source
6VNPYY	Support for Common Source	JEFCV2	Strong Support for Common Source
8BND4V	Strong Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Support for Common Source
8T7EYX	Inconclusive	KZ6KVM	Strong Support for Common Source
9NAAFD	Strong Support for Common Source	LYMV82	Strong Support for Common Source
9WM27B	Support for Common Source	MMPAFW	Support for Common Source
A4GTRA	Support for Common Source	MX9NJY	Strong Support for Common Source
A8F4MA	Strong Support for Common Source	NPD6JF	Support for Different Source
A9BMPB	Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Strong Support for Common Source	QCV8PW	Support for Common Source
AQVDNB	Support for Common Source	QFUJLW	Strong Support for Common Source
BF6CMR	Support for Common Source	QKRZZB	Support for Common Source
BGZVPT	Support for Common Source	QT8L8U	Support for Common Source
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Common Source
BYKLNK	Support for Common Source	RJB49C	Strong Support for Common Source
CBAKDA	Support for Common Source	RTFBMC	Strong Support for Common Source
D2JEVV	Strong Support for Common Source	T9A37R	Strong Support for Common Source
D3D3DQ	Strong Support for Common Source	TLDKJC	Support for Common Source
E2YXFT	Support for Common Source	TQ9EET	Strong Support for Common Source
E7JQ38	Support for Common Source		

Image Set Q9: Table 2.9 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Strong Support for Common Source		
U8BE68	Strong Support for Common Source		
UGXDTR	Strong Support for Common Source		
VGDWFB	Strong Support for Common Source		
WK96YB	Strong Support for Common Source		
X2TF24	Strong Support for Common Source		
Z9L8L3	Strong Support for Common Source		
ZCKK6L	Strong Support for Common Source		

Opinion Response Summary - Q9		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	41 (65.1%)	
Support for Common Source	19 (30.2%)	
Inconclusive	1 (1.6%)	
Support for Different Source	1 (1.6%)	
Strong Support for Different Source	1 (1.6%)	

Image Set Q10: Table 2.10 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Support for Common Source	E9D7GU	Support for Different Source
2KAT63	Strong Support for Different Source	E9YHHN	Support for Different Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Support for Different Source
3UFTE6	Support for Different Source	FG99H7	Inconclusive
44J8XH	Support for Common Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Support for Common Source	HVURP4	Inconclusive
4NN6W4	Inconclusive	J4778Z	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	JEFCV2	Support for Different Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Support for Common Source	KRVGN	Support for Common Source
8T7EYX	Strong Support for Different Source	KZ6KVM	Inconclusive
9NAAFD	Support for Different Source	LYMV82	Inconclusive
9WM27B	Strong Support for Different Source	MMPAFW	Support for Different Source
A4GTRA	Support for Different Source	MX9NJY	Inconclusive
A8F4MA	Support for Different Source	NPD6JF	Strong Support for Different Source
A9BMPB	Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Support for Different Source	QCV8PW	Support for Different Source
AQVDNB	Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Support for Different Source	QKRZZB	Strong Support for Different Source
BGZVPT	Support for Different Source	QT8L8U	Support for Common Source
BVKBTR	Support for Different Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Inconclusive
CBAKDA	Inconclusive	RTFBMC	Strong Support for Different Source
D2JEVW	Support for Different Source	T9A37R	Strong Support for Different Source
D3D3DQ	Strong Support for Different Source	TLDKJC	Support for Different Source
E2YXFT	Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Support for Different Source		

Image Set Q10: Table 2.10 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Different Source		
U8BE68	Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Strong Support for Different Source		
WK96YB	Support for Different Source		
X2TF24	Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q10		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	0 (0.0%)	
Support for Common Source	6 (9.5%)	
Inconclusive	8 (12.7%)	
Support for Different Source	26 (41.3%)	
Strong Support for Different Source	23 (36.5%)	

Image Set Q11: Table 2.11 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Support for Common Source
2KAT63	Strong Support for Common Source	E9YHHN	Strong Support for Common Source
2XLVQ2	Strong Support for Common Source	EYNFWN	Support for Common Source
3UFTE6	Support for Common Source	FG99H7	Support for Common Source
44J8XH	Strong Support for Common Source	GM7H34	Support for Common Source
474EX6	Strong Support for Common Source	H7ZBPM	Strong Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Common Source
4NN6W4	Inconclusive	J4778Z	Support for Different Source
6VNPYY	Strong Support for Common Source	JEFCV2	Support for Common Source
8BND4V	Strong Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Support for Common Source
8T7EYX	Strong Support for Common Source	KZ6KVM	Support for Common Source
9NAAFD	Strong Support for Common Source	LYMV82	Strong Support for Common Source
9WM27B	Support for Common Source	MMPAFW	Support for Common Source
A4GTRA	Support for Common Source	MX9NJY	Strong Support for Common Source
A8F4MA	Strong Support for Common Source	NPD6JF	Support for Common Source
A9BMPB	Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Support for Common Source	QCV8PW	Support for Common Source
AQVDNB	Strong Support for Different Source	QFUJLW	Strong Support for Common Source
BF6CMR	Strong Support for Common Source	QKRZZB	Strong Support for Common Source
BGZVPT	Support for Common Source	QT8L8U	Inconclusive
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Common Source
BYKLNK	Support for Common Source	RJB49C	Support for Common Source
CBAKDA	Support for Common Source	RTFBMC	Strong Support for Common Source
D2JEVV	Strong Support for Common Source	T9A37R	Strong Support for Common Source
D3D3DQ	Support for Common Source	TLDKJC	Support for Common Source
E2YXFT	Support for Common Source	TQ9EET	Strong Support for Common Source
E7JQ38	Support for Common Source		

Image Set Q11: Table 2.11 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Common Source		
U8BE68	Support for Common Source		
UGXDTR	Support for Common Source		
VGDWFB	Inconclusive		
WK96YB	Support for Common Source		
X2TF24	Support for Common Source		
Z9L8L3	Strong Support for Common Source		
ZCKK6L	Strong Support for Common Source		

Opinion Response Summary - Q11		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	29 (46.0%)	
Support for Common Source	29 (46.0%)	
Inconclusive	3 (4.8%)	
Support for Different Source	1 (1.6%)	
Strong Support for Different Source	1 (1.6%)	

Image Set Q12: Table 2.12 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Different Source	E9D7GU	Strong Support for Different Source
2KAT63	Strong Support for Different Source	E9YHHN	Support for Different Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Strong Support for Different Source
3UFTE6	Support for Different Source	FG99H7	Strong Support for Different Source
44J8XH	Support for Different Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Support for Different Source	HVURP4	Strong Support for Different Source
4NN6W4	Support for Different Source	J4778Z	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	JEFCV2	Strong Support for Different Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Strong Support for Different Source	KRWGN	Strong Support for Different Source
8T7EYX	Strong Support for Different Source	KZ6KVM	Strong Support for Different Source
9NAAFD	Strong Support for Different Source	LYMV82	Strong Support for Different Source
9WM27B	Strong Support for Different Source	MMPAFW	Strong Support for Different Source
A4GTRA	Strong Support for Different Source	MX9NJY	Support for Different Source
A8F4MA	Strong Support for Different Source	NPD6JF	Strong Support for Different Source
A9BMPB	Strong Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Support for Different Source	QCV8PW	Strong Support for Different Source
AQVDNB	Strong Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Strong Support for Different Source	QKRZZB	Strong Support for Different Source
BGVPT	Support for Different Source	QT8L8U	Strong Support for Different Source
BVKBTR	Strong Support for Different Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Strong Support for Different Source
CBAKDA	Support for Different Source	RTFBMC	Strong Support for Different Source
D2JEVV	Strong Support for Different Source	T9A37R	Strong Support for Different Source
D3D3DQ	Strong Support for Different Source	TLDKJC	Strong Support for Different Source
E2YXFT	Strong Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Strong Support for Different Source		

Image Set Q12: Table 2.12 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Different Source		
U8BE68	Strong Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Strong Support for Different Source		
WK96YB	Support for Different Source		
X2TF24	Strong Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q12		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	0 (0.0%)	
Support for Common Source	0 (0.0%)	
Inconclusive	0 (0.0%)	
Support for Different Source	13 (20.6%)	
Strong Support for Different Source	50 (79.4%)	

Image Set Q13: Table 2.13 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Different Source	E9D7GU	Strong Support for Different Source
2KAT63	Strong Support for Different Source	E9YHHN	Strong Support for Different Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Strong Support for Different Source
3UFTE6	Strong Support for Different Source	FG99H7	Strong Support for Different Source
44J8XH	Strong Support for Different Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Support for Different Source	HVURP4	Strong Support for Different Source
4NN6W4	Strong Support for Different Source	J4778Z	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	JEFCV2	Strong Support for Different Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Strong Support for Different Source	KRVGN	Strong Support for Different Source
8T7EYX	Strong Support for Different Source	KZ6KVM	Strong Support for Different Source
9NAAFD	Strong Support for Different Source	LYMV82	Strong Support for Different Source
9WM27B	Strong Support for Different Source	MMPAFW	Strong Support for Different Source
A4GTRA	Strong Support for Different Source	MX9NJY	Support for Different Source
A8F4MA	Strong Support for Different Source	NPD6JF	Strong Support for Different Source
A9BMPB	Strong Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Strong Support for Different Source	QCV8PW	Strong Support for Different Source
AQVDNB	Strong Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Strong Support for Different Source	QKRZZB	Strong Support for Different Source
BGVPT	Support for Different Source	QT8L8U	Strong Support for Different Source
BVKBTR	Strong Support for Different Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Strong Support for Different Source
CBAKDA	Strong Support for Different Source	RTFBMC	Strong Support for Different Source
D2JEVV	Strong Support for Common Source	T9A37R	Strong Support for Different Source
D3D3DQ	Strong Support for Different Source	TLDKJC	Strong Support for Different Source
E2YXFT	Strong Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Strong Support for Different Source		

Image Set Q13: Table 2.13 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZZ	Strong Support for Common Source		
U8BE68	Strong Support for Different Source		
UGXDTR	Strong Support for Different Source		
VGDWFB	Strong Support for Different Source		
WK96YB	Strong Support for Different Source		
X2TF24	Strong Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q13		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	2 (3.2%)	
Support for Common Source	0 (0.0%)	
Inconclusive	0 (0.0%)	
Support for Different Source	5 (7.9%)	
Strong Support for Different Source	56 (88.9%)	

Image Set Q14: Table 2.14 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Support for Common Source
2KAT63	Strong Support for Common Source	E9YHHN	Strong Support for Different Source
2XLVQ2	Strong Support for Common Source	EYNFWN	Strong Support for Common Source
3UFTE6	Support for Common Source	FG99H7	Strong Support for Common Source
44J8XH	Support for Common Source	GM7H34	Support for Common Source
474EX6	Strong Support for Common Source	H7ZBPM	Strong Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Common Source
4NN6W4	Support for Common Source	J4778Z	Support for Common Source
6VNPYY	Strong Support for Common Source	JEFCV2	Strong Support for Common Source
8BND4V	Strong Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Strong Support for Common Source
8T7EYX	Strong Support for Common Source	KZ6KVM	Support for Common Source
9NAAFD	Strong Support for Common Source	LYMV82	Strong Support for Common Source
9WM27B	Strong Support for Common Source	MMPAFW	Support for Common Source
A4GTRA	Support for Common Source	MX9NJY	Support for Common Source
A8F4MA	Support for Common Source	NPD6JF	Strong Support for Common Source
A9BMPB	Strong Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Support for Common Source	QCV8PW	Support for Common Source
AQVDNB	Support for Common Source	QFUJLW	Strong Support for Common Source
BF6CMR	Strong Support for Common Source	QKRZZB	Strong Support for Common Source
BGVPT	Support for Common Source	QT8L8U	Support for Common Source
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Common Source
BYKLNK	Support for Common Source	RJB49C	Strong Support for Common Source
CBAKDA	Support for Common Source	RTFBMC	Strong Support for Common Source
D2JEVV	Strong Support for Common Source	T9A37R	Support for Common Source
D3D3DQ	Strong Support for Common Source	TLDKJC	Support for Common Source
E2YXFT	Support for Common Source	TQ9EET	Strong Support for Common Source
E7JQ38	Strong Support for Common Source		

Image Set Q14: Table 2.14 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Common Source		
U8BE68	Strong Support for Common Source		
UGXDTR	Support for Common Source		
VGDWFB	Strong Support for Common Source		
WK96YB	Support for Common Source		
X2TF24	Strong Support for Common Source		
Z9L8L3	Strong Support for Common Source		
ZCKK6L	Strong Support for Common Source		

Opinion Response Summary - Q14		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	37 (58.7%)	
Support for Common Source	25 (39.7%)	
Inconclusive	0 (0.0%)	
Support for Different Source	0 (0.0%)	
Strong Support for Different Source	1 (1.6%)	

Image Set Q15: Table 2.15 - Comparison Opinions

** Inconsistencies not highlighted; No consensus achieved **			
WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E7JQ38	Support for Different Source
2KAT63	Inconclusive	E9D7GU	Inconclusive
2XLVQ2	Strong Support for Different Source	E9YHHN	Support for Different Source
3UFTE6	Support for Different Source	EYNFWN	Support for Different Source
44J8XH	Inconclusive	FG99H7	Inconclusive
474EX6	Strong Support for Different Source	GM7H34	Inconclusive
4EKVRZ	Support for Common Source	H7ZBPM	Strong Support for Different Source
4NN6W4	Inconclusive	HVURP4	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	J4778Z	Support for Different Source
8BND4V	Inconclusive	JEFCV2	Support for Common Source
8FHAQ2	Support for Different Source	KCVE8G	Support for Common Source
8T7EYX	Inconclusive	KRWGN	Support for Different Source
9NAAFD	Strong Support for Different Source	KZ6KVM	Inconclusive
9WM27B	Strong Support for Different Source	LYMV82	Inconclusive
A4GTRA	Inconclusive	MMPAFW	Support for Different Source
A8F4MA	Inconclusive	MX9NJY	Support for Different Source
A9BMPB	Support for Different Source	NPD6JF	Inconclusive
AE2ZQY	Support for Different Source	PT369V	Strong Support for Different Source
AQVDNB	Inconclusive	QCV8PW	Support for Different Source
BF6CMR	Strong Support for Different Source	QFUJLW	Inconclusive
BGZVPT	Inconclusive	QKRZZB	Support for Different Source
BVKBTR	Inconclusive	QT8L8U	Inconclusive
BYKLNK	Support for Different Source	QY9X6C	Strong Support for Different Source
CBAKDA	Inconclusive	RJB49C	Inconclusive
D2JEVW	Support for Common Source	RTFBMC	Support for Different Source
D3D3DQ	Support for Different Source	T9A37R	Strong Support for Different Source
E2YXFT	Support for Different Source		

Image Set Q15: Table 2.15 - Comparison Opinions

** Inconsistencies not highlighted; No consensus achieved **			
WebCode	Response	WebCode	Response
TLDKJC	Support for Different Source		
TQ9EET	Support for Different Source		
U67NZZ	Support for Different Source		
U8BE68	Support for Different Source		
UGXDTR	Support for Different Source		
VGDWFB	Inconclusive		
WK96YB	Support for Different Source		
X2TF24	Support for Different Source		
Z9L8L3	Inconclusive		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q15		Total Participants: 63
<u>Response</u>	<u>Percent Reported</u>	
Strong Support for Common Source	1 (1.6%)	
Support for Common Source	4 (6.3%)	
Inconclusive	22 (34.9%)	
Support for Different Source	24 (38.1%)	
Strong Support for Different Source	12 (19.0%)	

Image Set Q16: Table 2.16 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Support for Common Source
2KAT63	Strong Support for Common Source	E9YHHN	Support for Common Source
2XLVQ2	Support for Common Source	EYNFWN	Support for Common Source
3UFTE6	Support for Common Source	FG99H7	Inconclusive
44J8XH	Support for Common Source	GM7H34	Inconclusive
474EX6	Strong Support for Common Source	H7ZBPM	Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Support for Common Source
4NN6W4	Inconclusive	J4778Z	Support for Common Source
6VNPYY	Strong Support for Common Source	JEFCV2	Support for Common Source
8BND4V	Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Inconclusive
8T7EYX	Strong Support for Common Source	KZ6KVM	Inconclusive
9NAAFD	Support for Common Source	LYMV82	Inconclusive
9WM27B	Support for Common Source	MMPAFW	Inconclusive
A4GTRA	Support for Common Source	MX9NJY	Support for Common Source
A8F4MA	Support for Common Source	NPD6JF	Support for Common Source
A9BMPB	Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Inconclusive	QCV8PW	Support for Common Source
AQVDNB	Inconclusive	QFUJLW	Support for Common Source
BF6CMR	Support for Common Source	QKRZZB	Support for Common Source
BGZVPT	Support for Common Source	QT8L8U	Support for Common Source
BVKBTR	Strong Support for Common Source	QY9X6C	Support for Common Source
BYKLNK	Support for Common Source	RJB49C	Support for Common Source
CBAKDA	Inconclusive	RTFBMC	Support for Common Source
D2JEVV	Inconclusive	T9A37R	Support for Different Source
D3D3DQ	Support for Different Source	TLDKJC	Support for Different Source
E2YXFT	Support for Common Source	TQ9EET	Support for Common Source
E7JQ38	Support for Common Source		

Image Set Q16: Table 2.16 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Common Source		
U8BE68	Support for Common Source		
UGXDTR	Support for Common Source		
VGDWFB	Strong Support for Common Source		
WK96YB	Support for Common Source		
X2TF24	Support for Common Source		
Z9L8L3	Support for Common Source		
ZCKK6L	Support for Common Source		

Opinion Response Summary - Q16		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	10 (15.9%)	
Support for Common Source	39 (61.9%)	
Inconclusive	11 (17.5%)	
Support for Different Source	3 (4.8%)	
Strong Support for Different Source	0 (0.0%)	

Image Set Q17: Table 2.17 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Inconclusive	E9D7GU	Support for Different Source
2KAT63	Support for Different Source	E9YHHN	Strong Support for Different Source
2XLVQ2	Strong Support for Different Source	EYNFWN	Support for Different Source
3UFTE6	Support for Common Source	FG99H7	Support for Different Source
44J8XH	Support for Different Source	GM7H34	Support for Different Source
474EX6	Strong Support for Different Source	H7ZBPM	Strong Support for Different Source
4EKVRZ	Support for Different Source	HVURP4	Strong Support for Different Source
4NN6W4	Inconclusive	J4778Z	Strong Support for Different Source
6VNPYY	Strong Support for Different Source	JEFCV2	Support for Different Source
8BND4V	Strong Support for Different Source	KCVE8G	Strong Support for Different Source
8FHAQ2	Strong Support for Different Source	KRVGN	Support for Different Source
8T7EYX	Support for Different Source	KZ6KVM	Inconclusive
9NAAFD	Support for Different Source	LYMV82	Support for Different Source
9WM27B	Support for Different Source	MMPAFW	Support for Different Source
A4GTRA	Support for Different Source	MX9NJY	Inconclusive
A8F4MA	Support for Different Source	NPD6JF	Support for Different Source
A9BMPB	Support for Different Source	PT369V	Strong Support for Different Source
AE2ZQY	Support for Different Source	QCV8PW	Support for Different Source
AQVDNB	Support for Different Source	QFUJLW	Strong Support for Different Source
BF6CMR	Support for Common Source	QKRZZB	Strong Support for Different Source
BGZVPT	Inconclusive	QT8L8U	Inconclusive
BVKBTR	Support for Different Source	QY9X6C	Strong Support for Different Source
BYKLNK	Support for Different Source	RJB49C	Support for Different Source
CBAKDA	Support for Different Source	RTFBMC	Strong Support for Different Source
D2JEVV	Support for Different Source	T9A37R	Strong Support for Different Source
D3D3DQ	Support for Different Source	TLDKJC	Support for Different Source
E2YXFT	Support for Different Source	TQ9EET	Strong Support for Different Source
E7JQ38	Support for Different Source		

Image Set Q17: Table 2.17 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Common Source		
U8BE68	Support for Different Source		
UGXDTR	Support for Different Source		
VGDWFB	Inconclusive		
WK96YB	Support for Common Source		
X2TF24	Support for Different Source		
Z9L8L3	Strong Support for Different Source		
ZCKK6L	Strong Support for Different Source		

Opinion Response Summary - Q17		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	0 (0.0%)	
Support for Common Source	4 (6.3%)	
Inconclusive	7 (11.1%)	
Support for Different Source	33 (52.4%)	
Strong Support for Different Source	19 (30.2%)	

Image Set Q18: Table 2.18 - Comparison Opinions

WebCode	Response	WebCode	Response
2EKBP7	Strong Support for Common Source	E9D7GU	Strong Support for Common Source
2KAT63	Strong Support for Common Source	E9YHHN	Strong Support for Different Source
2XLVQ2	Strong Support for Common Source	EYNFWN	Strong Support for Common Source
3UFTE6	Strong Support for Common Source	FG99H7	Strong Support for Common Source
44J8XH	Strong Support for Common Source	GM7H34	Strong Support for Common Source
474EX6	Strong Support for Common Source	H7ZBPM	Strong Support for Common Source
4EKVRZ	Support for Common Source	HVURP4	Strong Support for Common Source
4NN6W4	Strong Support for Common Source	J4778Z	Strong Support for Common Source
6VNPYY	Strong Support for Common Source	JEFCV2	Support for Common Source
8BND4V	Strong Support for Common Source	KCVE8G	Strong Support for Common Source
8FHAQ2	Strong Support for Common Source	KRVGN	Strong Support for Common Source
8T7EYX	Strong Support for Common Source	KZ6KVM	Strong Support for Common Source
9NAAFD	Strong Support for Common Source	LYMV82	Strong Support for Common Source
9WM27B	Strong Support for Common Source	MMPAFW	Strong Support for Common Source
A4GTRA	Strong Support for Common Source	MX9NJY	Strong Support for Common Source
A8F4MA	Strong Support for Common Source	NPD6JF	Strong Support for Common Source
A9BMPB	Strong Support for Common Source	PT369V	Strong Support for Common Source
AE2ZQY	Strong Support for Common Source	QCV8PW	Strong Support for Common Source
AQVDNB	Strong Support for Common Source	QFUJLW	Strong Support for Common Source
BF6CMR	Strong Support for Common Source	QKRZZB	Strong Support for Common Source
BGZVPT	Support for Common Source	QT8L8U	Strong Support for Common Source
BVKBTR	Strong Support for Common Source	QY9X6C	Strong Support for Common Source
BYKLNK	Support for Common Source	RJB49C	Strong Support for Common Source
CBAKDA	Strong Support for Common Source	RTFBMC	Strong Support for Common Source
D2JEVV	Strong Support for Common Source	T9A37R	Strong Support for Common Source
D3D3DQ	Support for Common Source	TLDKJC	Strong Support for Common Source
E2YXFT	Support for Common Source	TQ9EET	Strong Support for Common Source
E7JQ38	Support for Common Source		

Image Set Q18: Table 2.18 - Comparison Opinions

WebCode	Response	WebCode	Response
U67NZD	Support for Common Source		
U8BE68	Strong Support for Common Source		
UGXDTR	Strong Support for Common Source		
VGDWFB	Strong Support for Common Source		
WK96YB	Strong Support for Common Source		
X2TF24	Strong Support for Common Source		
Z9L8L3	Strong Support for Common Source		
ZCKK6L	Strong Support for Common Source		

Opinion Response Summary - Q18		Total Participants: 63
Response	Percent Reported	
Strong Support for Common Source	54 (85.7%)	
Support for Common Source	8 (12.7%)	
Inconclusive	0 (0.0%)	
Support for Different Source	0 (0.0%)	
Strong Support for Different Source	1 (1.6%)	

Feature Observations Summary

TABLE 3

Image Set Q1: Table 3.1

Assigned Value for Q1: Different Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	31 of 61 (51%)	57
Face/Head Outline	Dissimilar	47 of 60 (78%)	58
Face/Head Composition	Dissimilar	41 of 58 (71%)	56
Hair	Similar	34 of 61 (56%)	58
Forehead	Dissimilar	44 of 61 (72%)	60
Eyebrows	Dissimilar	56 of 62 (90%)	62
Eyes	Dissimilar	43 of 61 (70%)	61
Cheeks	Dissimilar	45 of 60 (75%)	58
Nose	Dissimilar	58 of 62 (94%)	61
Ears	Unable To Compare	25 of 62 (40%)	32
Mouth	Dissimilar	50 of 61 (82%)	60
Chin/Jawline	Dissimilar	51 of 61 (84%)	60
Neck	Dissimilar	44 of 60 (73%)	59
Facial Hair	Not Applicable	53 of 61 (87%)	6
Facial Lines	Dissimilar	52 of 61 (85%)	59
Scars	Not Applicable	51 of 61 (84%)	8
Facial Marks	Dissimilar	31 of 61 (51%)	36
Alterations	Not Applicable	35 of 58 (60%)	21

Image Set Q2: Table 3.2**Assigned Value for Q2: Different Source**

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	29 of 61 (48%)	60
Face/Head Outline	Dissimilar	54 of 61 (89%)	59
Face/Head Composition	Dissimilar	44 of 60 (73%)	58
Hair	Dissimilar	46 of 61 (75%)	59
Forehead	Dissimilar	60 of 62 (97%)	62
Eyebrows	Dissimilar	45 of 61 (74%)	59
Eyes	Dissimilar	54 of 62 (87%)	62
Cheeks	Dissimilar	41 of 58 (71%)	56
Nose	Dissimilar	58 of 61 (95%)	61
Ears	Dissimilar	48 of 62 (77%)	58
Mouth	Dissimilar	46 of 61 (75%)	61
Chin/Jawline	Dissimilar	54 of 61 (89%)	61
Neck	Dissimilar	38 of 61 (62%)	51
Facial Hair	Not Applicable	42 of 61 (69%)	11
Facial Lines	Dissimilar	53 of 60 (88%)	57
Scars	Not Applicable	47 of 61 (77%)	12
Facial Marks	Dissimilar	38 of 61 (62%)	42
Alterations	Not Applicable	41 of 57 (72%)	15

Image Set Q3: Table 3.3

Assigned Value for Q3: Different Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Dissimilar	23 of 61 (38%)	52
Face/Head Outline	Dissimilar	54 of 62 (87%)	59
Face/Head Composition	Dissimilar	45 of 61 (74%)	57
Hair	Dissimilar	43 of 62 (69%)	58
Forehead	Dissimilar	28 of 60 (47%)	50
Eyebrows	Dissimilar	46 of 62 (74%)	61
Eyes	Dissimilar	54 of 61 (89%)	59
Cheeks	Dissimilar	53 of 61 (87%)	57
Nose	Dissimilar	62 of 62 (100%)	62
Ears	Unable To Compare	39 of 62 (63%)	3
Mouth	Dissimilar	62 of 62 (100%)	62
Chin/Jawline	Dissimilar	52 of 60 (87%)	60
Neck	Dissimilar	50 of 61 (82%)	59
Facial Hair	Not Applicable	56 of 61 (92%)	3
Facial Lines	Dissimilar	48 of 61 (79%)	53
Scars	Not Applicable	47 of 61 (77%)	9
Facial Marks	Not Applicable	18 of 61 (30%)	27
Alterations	Not Applicable	35 of 57 (61%)	20

Image Set Q4: Table 3.4

Assigned Value for Q4: Common Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	60 of 62 (97%)	61
Face/Head Outline	Similar	60 of 62 (97%)	60
Face/Head Composition	Similar	56 of 59 (95%)	57
Hair	Similar	60 of 62 (97%)	60
Forehead	Similar	61 of 62 (98%)	61
Eyebrows	Similar	59 of 62 (95%)	61
Eyes	Similar	41 of 61 (67%)	57
Cheeks	Similar	45 of 61 (74%)	58
Nose	Similar	58 of 61 (95%)	60
Ears	Similar	27 of 61 (44%)	40
Mouth	Similar	44 of 60 (73%)	55
Chin/Jawline	Similar	59 of 61 (97%)	60
Neck	Similar	58 of 61 (95%)	60
Facial Hair	Not Applicable	55 of 61 (90%)	5
Facial Lines	Similar	34 of 61 (56%)	50
Scars	Not Applicable	42 of 61 (69%)	18
Facial Marks	Similar	55 of 61 (90%)	56
Alterations	Not Applicable	27 of 56 (48%)	29

Image Set Q5: Table 3.5**Assigned Value for Q5: Different Source**

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	17 of 62 (27%)	44
Face/Head Outline	Similar	41 of 62 (66%)	60
Face/Head Composition	Dissimilar	28 of 58 (48%)	56
Hair	Dissimilar	35 of 61 (57%)	55
Forehead	Dissimilar	44 of 61 (72%)	61
Eyebrows	Dissimilar	42 of 61 (69%)	61
Eyes	Dissimilar	37 of 61 (61%)	55
Cheeks	Similar	39 of 62 (63%)	60
Nose	Dissimilar	42 of 62 (68%)	62
Ears	Unable To Compare	28 of 62 (45%)	29
Mouth	Dissimilar	37 of 60 (62%)	59
Chin/Jawline	Dissimilar	32 of 60 (53%)	60
Neck	Dissimilar	32 of 60 (53%)	57
Facial Hair	Not Applicable	54 of 61 (89%)	5
Facial Lines	Dissimilar	33 of 61 (54%)	57
Scars	Not Applicable	48 of 56 (86%)	7
Facial Marks	Dissimilar	45 of 60 (75%)	50
Alterations	Not Applicable	29 of 57 (51%)	27

Image Set Q6: Table 3.6

Assigned Value for Q6: Common Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	61 of 62 (98%)	61
Face/Head Outline	Similar	57 of 61 (93%)	59
Face/Head Composition	Similar	56 of 59 (95%)	57
Hair	Similar	56 of 61 (92%)	59
Forehead	Similar	62 of 62 (100%)	62
Eyebrows	Similar	61 of 62 (98%)	61
Eyes	Similar	57 of 62 (92%)	58
Cheeks	Similar	61 of 62 (98%)	61
Nose	Similar	61 of 62 (98%)	62
Ears	Similar	46 of 61 (75%)	55
Mouth	Similar	53 of 62 (85%)	62
Chin/Jawline	Similar	55 of 60 (92%)	57
Neck	Similar	62 of 62 (100%)	62
Facial Hair	Not Applicable	40 of 62 (65%)	20
Facial Lines	Similar	55 of 60 (92%)	55
Scars	Not Applicable	47 of 61 (77%)	13
Facial Marks	Similar	56 of 61 (92%)	57
Alterations	Similar	27 of 58 (47%)	37

Image Set Q7: Table 3.7**Assigned Value for Q7: Common Source**

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	54 of 62 (87%)	61
Face/Head Outline	Similar	50 of 61 (82%)	58
Face/Head Composition	Similar	52 of 60 (87%)	58
Hair	Similar	54 of 61 (89%)	59
Forehead	Similar	60 of 62 (97%)	61
Eyebrows	Similar	56 of 62 (90%)	62
Eyes	Similar	24 of 61 (39%)	55
Cheeks	Similar	41 of 61 (67%)	55
Nose	Similar	49 of 62 (79%)	61
Ears	Similar	56 of 62 (90%)	62
Mouth	Similar	45 of 62 (73%)	57
Chin/Jawline	Similar	55 of 62 (89%)	59
Neck	Unable To Compare	33 of 62 (53%)	23
Facial Hair	Similar	15 of 61 (25%)	38
Facial Lines	Similar	52 of 61 (85%)	58
Scars	Not Applicable	49 of 60 (82%)	9
Facial Marks	Similar	58 of 61 (95%)	59
Alterations	Not Applicable	41 of 55 (75%)	14

Image Set Q8: Table 3.8

Assigned Value for Q8: Different Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Dissimilar	48 of 62 (77%)	61
Face/Head Outline	Similar	33 of 61 (54%)	57
Face/Head Composition	Similar	29 of 60 (48%)	58
Hair	Similar	39 of 60 (65%)	57
Forehead	Dissimilar	48 of 61 (79%)	61
Eyebrows	Dissimilar	56 of 62 (90%)	62
Eyes	Dissimilar	52 of 62 (84%)	60
Cheeks	Similar	26 of 61 (43%)	58
Nose	Dissimilar	49 of 61 (80%)	61
Ears	Dissimilar	58 of 62 (94%)	62
Mouth	Unable To Compare	20 of 61 (33%)	38
Chin/Jawline	Unable To Compare	31 of 61 (51%)	26
Neck	Dissimilar	39 of 62 (63%)	58
Facial Hair	Dissimilar	49 of 61 (80%)	59
Facial Lines	Dissimilar	50 of 61 (82%)	57
Scars	Not Applicable	48 of 60 (80%)	12
Facial Marks	Dissimilar	53 of 61 (87%)	58
Alterations	Not Applicable	36 of 54 (67%)	17

Image Set Q9: Table 3.9

Assigned Value for Q9: Common Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	60 of 62 (97%)	61
Face/Head Outline	Similar	53 of 62 (85%)	58
Face/Head Composition	Similar	57 of 60 (95%)	58
Hair	Similar	26 of 61 (43%)	57
Forehead	Similar	28 of 62 (45%)	37
Eyebrows	Similar	32 of 62 (52%)	60
Eyes	Similar	58 of 60 (97%)	59
Cheeks	Similar	58 of 61 (95%)	60
Nose	Similar	62 of 62 (100%)	62
Ears	Similar	50 of 62 (81%)	57
Mouth	Similar	61 of 62 (98%)	62
Chin/Jawline	Similar	51 of 62 (82%)	61
Neck	Similar	31 of 61 (51%)	58
Facial Hair	Not Applicable	52 of 61 (85%)	7
Facial Lines	Similar	55 of 61 (90%)	58
Scars	Not Applicable	50 of 60 (83%)	9
Facial Marks	Similar	38 of 59 (64%)	47
Alterations	Not Applicable	33 of 53 (62%)	20

Image Set Q10: Table 3.10

Assigned Value for Q10: Different Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature <i>(Reported Similar, Dissimilar, Inconclusive)</i>
Skin	Dissimilar	29 of 61 (48%)	57
Face/Head Outline	Dissimilar	25 of 61 (41%)	51
Face/Head Composition	Dissimilar	21 of 59 (36%)	54
Hair	Dissimilar	23 of 61 (38%)	58
Forehead	Unable To Compare	48 of 62 (77%)	10
Eyebrows	Dissimilar	34 of 61 (56%)	47
Eyes	Dissimilar	41 of 62 (66%)	60
Cheeks	Dissimilar	29 of 61 (48%)	57
Nose	Dissimilar	47 of 62 (76%)	61
Ears	Unable To Compare	48 of 62 (77%)	6
Mouth	Dissimilar	39 of 61 (64%)	56
Chin/Jawline	Dissimilar	43 of 62 (69%)	61
Neck	Dissimilar	32 of 60 (53%)	51
Facial Hair	Not Applicable	50 of 61 (82%)	10
Facial Lines	Dissimilar	35 of 61 (57%)	53
Scars	Not Applicable	43 of 60 (72%)	15
Facial Marks	Dissimilar	42 of 61 (69%)	45
Alterations	Dissimilar	36 of 55 (65%)	40

Image Set Q11: Table 3.11

Assigned Value for Q11: Common Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	56 of 61 (92%)	60
Face/Head Outline	Similar	36 of 61 (59%)	47
Face/Head Composition	Similar	27 of 59 (46%)	48
Hair	Similar	54 of 62 (87%)	59
Forehead	Similar	58 of 62 (94%)	60
Eyebrows	Similar	59 of 62 (95%)	62
Eyes	Similar	59 of 61 (97%)	60
Cheeks	Unable To Compare	50 of 62 (81%)	6
Nose	Unable To Compare	38 of 62 (61%)	20
Ears	Similar	47 of 62 (76%)	53
Mouth	Unable To Compare	51 of 62 (82%)	2
Chin/Jawline	Unable To Compare	52 of 62 (84%)	3
Neck	Unable To Compare	38 of 61 (62%)	18
Facial Hair	Not Applicable	42 of 61 (69%)	3
Facial Lines	Similar	50 of 61 (82%)	54
Scars	Not Applicable	46 of 60 (77%)	9
Facial Marks	Similar	44 of 61 (72%)	51
Alterations	Not Applicable	32 of 56 (57%)	20

Image Set Q12: Table 3.12

Assigned Value for Q12: Different Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	28 of 61 (46%)	59
Face/Head Outline	Dissimilar	38 of 61 (62%)	60
Face/Head Composition	Dissimilar	30 of 59 (51%)	57
Hair	Dissimilar	52 of 61 (85%)	59
Forehead	Dissimilar	56 of 62 (90%)	62
Eyebrows	Dissimilar	39 of 62 (63%)	62
Eyes	Dissimilar	55 of 62 (89%)	62
Cheeks	Dissimilar	51 of 61 (84%)	61
Nose	Dissimilar	61 of 62 (98%)	62
Ears	Unable To Compare	36 of 62 (58%)	20
Mouth	Dissimilar	59 of 62 (95%)	62
Chin/Jawline	Dissimilar	29 of 62 (47%)	62
Neck	Dissimilar	42 of 62 (68%)	60
Facial Hair	Not Applicable	47 of 61 (77%)	11
Facial Lines	Dissimilar	48 of 59 (81%)	55
Scars	Not Applicable	40 of 61 (66%)	20
Facial Marks	Dissimilar	56 of 61 (92%)	59
Alterations	Not Applicable	27 of 54 (50%)	27

Image Set Q13: Table 3.13

Assigned Value for Q13: Different Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Dissimilar	29 of 61 (48%)	60
Face/Head Outline	Dissimilar	54 of 62 (87%)	60
Face/Head Composition	Dissimilar	42 of 59 (71%)	57
Hair	Dissimilar	58 of 62 (94%)	60
Forehead	Dissimilar	61 of 62 (98%)	62
Eyebrows	Dissimilar	57 of 61 (93%)	61
Eyes	Dissimilar	56 of 62 (90%)	58
Cheeks	Dissimilar	58 of 62 (94%)	61
Nose	Dissimilar	60 of 62 (97%)	62
Ears	Dissimilar	62 of 62 (100%)	62
Mouth	Dissimilar	46 of 62 (74%)	61
Chin/Jawline	Dissimilar	49 of 61 (80%)	57
Neck	Dissimilar	53 of 62 (85%)	59
Facial Hair	Dissimilar	38 of 61 (62%)	59
Facial Lines	Dissimilar	55 of 61 (90%)	60
Scars	Not Applicable	45 of 60 (75%)	14
Facial Marks	Not Applicable	38 of 60 (63%)	21
Alterations	Not Applicable	47 of 57 (82%)	10

Image Set Q14: Table 3.14

Assigned Value for Q14: Common Source

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	45 of 61 (74%)	57
Face/Head Outline	Similar	40 of 60 (67%)	48
Face/Head Composition	Similar	52 of 60 (87%)	55
Hair	Similar	27 of 62 (44%)	48
Forehead	Unable To Compare	49 of 62 (79%)	6
Eyebrows	Similar	48 of 62 (77%)	58
Eyes	Similar	57 of 62 (92%)	60
Cheeks	Similar	58 of 62 (94%)	61
Nose	Similar	61 of 62 (98%)	62
Ears	Unable To Compare	44 of 62 (71%)	11
Mouth	Similar	62 of 62 (100%)	62
Chin/Jawline	Similar	55 of 62 (89%)	62
Neck	Similar	50 of 61 (82%)	57
Facial Hair	Not Applicable	53 of 61 (87%)	5
Facial Lines	Similar	53 of 61 (87%)	55
Scars	Not Applicable	50 of 59 (85%)	8
Facial Marks	Similar	50 of 60 (83%)	53
Alterations	Dissimilar	24 of 57 (42%)	34

Image Set Q15: Table 3.15

*Assigned Value for Q15: Different Source ** No consensus achieved. ***

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	24 of 61 (39%)	59
Face/Head Outline	Unable To Compare	22 of 61 (36%)	33
Face/Head Composition	Dissimilar	18 of 60 (30%)	51
Hair	Dissimilar	20 of 62 (32%)	55
Forehead	Similar	31 of 62 (50%)	60
Eyebrows	Dissimilar	41 of 60 (68%)	56
Eyes	Dissimilar	25 of 62 (40%)	53
Cheeks	Dissimilar	18 of 61 (30%)	45
Nose	Dissimilar	40 of 62 (65%)	60
Ears	Unable To Compare	48 of 62 (77%)	3
Mouth	Similar	36 of 61 (59%)	60
Chin/Jawline	Inconclusive	21 of 61 (34%)	52
Neck	Unable To Compare	47 of 62 (76%)	8
Facial Hair	Not Applicable	47 of 61 (77%)	11
Facial Lines	Dissimilar	34 of 59 (58%)	55
Scars	Not Applicable	47 of 60 (78%)	11
Facial Marks	Dissimilar	29 of 59 (49%)	39
Alterations	Not Applicable	35 of 53 (66%)	18

Image Set Q16: Table 3.16**Assigned Value for Q16: Common Source**

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	36 of 60 (60%)	56
Face/Head Outline	Similar	40 of 59 (68%)	54
Face/Head Composition	Similar	47 of 58 (81%)	55
Hair	Similar	21 of 61 (34%)	52
Forehead	Similar	54 of 62 (87%)	61
Eyebrows	Unable To Compare	46 of 62 (74%)	12
Eyes	Unable To Compare	54 of 62 (87%)	2
Cheeks	Similar	48 of 62 (77%)	59
Nose	Similar	41 of 61 (67%)	60
Ears	Unable To Compare	49 of 62 (79%)	8
Mouth	Similar	54 of 61 (89%)	60
Chin/Jawline	Similar	52 of 62 (84%)	61
Neck	Unable To Compare	32 of 60 (53%)	23
Facial Hair	Similar	51 of 61 (84%)	60
Facial Lines	Similar	50 of 60 (83%)	53
Scars	Not Applicable	49 of 58 (84%)	6
Facial Marks	Not Applicable	29 of 58 (50%)	23
Alterations	Not Applicable	34 of 53 (64%)	18

Image Set Q17: Table 3.17**Assigned Value for Q17: Different Source**

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	25 of 62 (40%)	59
Face/Head Outline	Similar	17 of 61 (28%)	45
Face/Head Composition	Dissimilar	15 of 56 (27%)	38
Hair	Dissimilar	50 of 62 (81%)	60
Forehead	Dissimilar	48 of 61 (79%)	60
Eyebrows	Dissimilar	51 of 61 (84%)	61
Eyes	Dissimilar	53 of 61 (87%)	61
Cheeks	Unable To Compare	53 of 62 (85%)	5
Nose	Unable To Compare	46 of 62 (74%)	12
Ears	Unable To Compare	51 of 62 (82%)	4
Mouth	Unable To Compare	54 of 62 (87%)	3
Chin/Jawline	Unable To Compare	54 of 62 (87%)	3
Neck	Dissimilar	25 of 61 (41%)	42
Facial Hair	Not Applicable	44 of 60 (73%)	3
Facial Lines	Dissimilar	35 of 60 (58%)	43
Scars	Not Applicable	40 of 61 (66%)	14
Facial Marks	Not Applicable	26 of 61 (43%)	30
Alterations	Not Applicable	31 of 54 (57%)	17

Image Set Q18: Table 3.18**Assigned Value for Q18: Common Source**

Facial Feature	Most Reported Observation	Percent Reported	# of Participants Citing Feature (Reported Similar, Dissimilar, Inconclusive)
Skin	Similar	60 of 62 (97%)	60
Face/Head Outline	Similar	60 of 62 (97%)	60
Face/Head Composition	Similar	54 of 57 (95%)	55
Hair	Similar	58 of 62 (94%)	61
Forehead	Similar	62 of 62 (100%)	62
Eyebrows	Similar	38 of 61 (62%)	49
Eyes	Similar	52 of 62 (84%)	62
Cheeks	Similar	57 of 61 (93%)	60
Nose	Similar	55 of 62 (89%)	62
Ears	Unable To Compare	55 of 62 (89%)	3
Mouth	Similar	54 of 61 (89%)	60
Chin/Jawline	Similar	61 of 61 (100%)	61
Neck	Similar	56 of 61 (92%)	58
Facial Hair	Not Applicable	53 of 61 (87%)	6
Facial Lines	Similar	52 of 58 (90%)	52
Scars	Not Applicable	51 of 60 (85%)	8
Facial Marks	Similar	55 of 60 (92%)	56
Alterations	Not Applicable	25 of 53 (47%)	26

Detailed Feature Observations

TABLE 4 - Image Set Q1

Image Set Q1: Table 4.1(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Tone of the knowns skin has a more reddish tint. Skin is fairly smooth on both subjects.
3UFTE6	Unable To Compare	
44J8XH	Similar	
474EX6	Dissimilar	Skin tone is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have light skin; however known has more red tones and is slightly darker than unknown
8BND4V	[Not Reported]	Known(1) has slightly more red tint to skin tone, difference in lighting in images
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Tone appears slightly different despite lighting difference, luminance on foreheads and cheeks is different
9WM27B	Similar	skin tone and texture appears similar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, lighting and resolution) Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar texture, color
BGVPT	Dissimilar	Known has a slightly darker complexion
BVKBTR	Dissimilar	
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Both have similar skin color, but unknown's skin appears more pink than the known's.

Image Set Q1: Table 4.1(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar texture
E7JQ38	Similar	Similar tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar tone and texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar color and texture. Know has shinier skin possibly due to lighting and makeup
HVURP4	Dissimilar	Known image is redder in color while the unknown image is paler/more white/light in color.
J4778Z	Dissimilar	
JEFCV2	Similar	white, coloring varies due to lighting
KCVE8G	Similar	the skin of both known and unknown are similar in light color, smooth texture and complexion.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Known (K) has more of a red undertone and has lighting from above.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to have a similar skin tone with variations in hue which could be due to imaging conditions or quality. The skin texture appears to be generally similar on both subjects.
QFUJLW	Similar	Similar in light color. Skin is smooth and clear.
QKRZZB	Similar	Skin tones between the probe and candidate appear to be similar.
QT8L8U	Dissimilar	Skin texture and coloring appear dissimilar. Know image appears to have more aged skin the unknown. Unknown's skin appears smooth and more even.
QY9X6C	Dissimilar	Known skin tone appears to be darker but could be due to the lighting, unknown skin appears to be smoother and lighter
RJB49C	Similar	Consistently smooth with little to no blemishes and/or discoloration.
RTFBMC	Inconclusive	different lighting
T9A37R	Similar	

Image Set Q1: Table 4.1(a) - Skin

WebCode	Observation	Feature Notes
TLDKJC	Inconclusive	
TQ9EET	Inconclusive	
U67NZD	Unable To Compare	
U8BE68	Similar	Tone of the skin appears to be similar between subjects - the texture of the skin does appear to differ slightly with the Known skin texture appearing to be slightly rougher in appearance.
UGXDTR	Similar	similar skin tone; known appears to have slightly more rough skin texture
VGDWFB	Dissimilar	Luminance and color
WK96YB	Unable To Compare	
X2TF24	Dissimilar	Skin appears dissimilar in overall tone, appears reddish in tone on K; skin appears overall more textured on K than U, may be due to image quality/lighting
Z9L8L3	Similar	both are light skinned, caucasian females
ZCCK6L	Similar	overall smooth texture and light complexion is similar; known's has a reddish tone, but this can be attributed to sun exposure

Features Observations Response Summary - Q1 Skin		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	31 (50.8%)	
Dissimilar	23 (37.7%)	
Inconclusive	3 (4.9%)	
Unable to Compare	3 (4.9%)	
Not Applicable	1 (1.6%)	

Image Set Q1: Table 4.1(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKB7	Inconclusive	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns head is rounded, the knowns head is longer and narrower.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The width of the forehead and the jawline is dissimilar.
4EKVRZ	Similar	
4NN6W4	[No observations reported for this feature.]	
6VNPYY	Dissimilar	Both subjects have an oval shape with a pointy chin. Known head is more elongated
8BND4V	[Not Reported]	both have round shape to face/head outline, Unknown(2) appears slightly wider around cheeks
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Known's head shape appears more circular and the unknown's appears more circular
9WM27B	Dissimilar	face outline appears dissimilar. unknown has much wider jaw line than known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall shape of the face Not comparable: (not visible in one or both images) Shape of the cranial vault
A8F4MA	Dissimilar	Shape of cranial vault, overall shape of face
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	"Rounder" head in the known picture.
AQVDNB	Dissimilar	
BF6CMR	Similar	similar shape to face
BGZVPT	Inconclusive	Unknown seems slightly rounder/fuller
BVKBTR	Dissimilar	unknown more rounded than known.
BYKLNK	Dissimilar	unk1 has a more oval face
CBAKDA	Dissimilar	
D2JEW	Similar	
D3D3DQ	Dissimilar	Known's face appears more oval than the unknown's.
E2YXFT	Dissimilar	Overall shape of head is more oval on known image

Image Set Q1: Table 4.1(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar lower face shape.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Similar	somewhat similar outline, similar cranial vault shape
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Both oval in shape, Unknown appears to have a higher cranial vault
HVURP4	Dissimilar	The unknown image is more rectangular and fuller through the cheek and jaw area while the known image is thinner/leaner.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	unknown more curvature
KCVE8G	Dissimilar	The face/head outline is similar in shape and size. the outline of the probe's head is more oval than the candidate
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K has a longer face, more oval shaped
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The face/head outline appears to be larger and more angular on the unknown. The known appears to be thinner around the chin area.
QFUJLW	Similar	Head and face is similar in shape. Probe is slightly slimmer.
QKRZZB	Dissimilar	The candidate appears to be have a wider face outline compared to the probe.
QT8L8U	Dissimilar	Head outline is obstructed by hair on both images. Know image appears to have a longer face profile than that of the unknown image.
QY9X6C	Dissimilar	Unknown face appears to be wider and shorter in length, unknown appears to be more circular where the known is more oval
RJB49C	Dissimilar	Shape of face/head for known is different in the jaw and forehead.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	

Image Set Q1: Table 4.1(b) - Face/Head Outline

WebCode	Observation	Feature Notes
U67NZD	Dissimilar	
U8BE68	Dissimilar	upper portion of the head outline appears to be somewhat similar between subjects - lower portion around the jawline differs with the Unknown having a more wide jawline
UGXDTR	Dissimilar	known appears to have a more narrow facial shape where as the unknown appears to have a more pear shaped face; cranial vault shape appears similar
VGDWFB	Dissimilar	Overall shape of face
WK96YB	Dissimilar	
X2TF24	Dissimilar	Overall shape of face appears dissimilar, wider on U, longer on K
Z9L8L3	Dissimilar	Known's face is longer and unknown's is wider
ZCKK6L	Similar	overall egg-like shape is somewhat similar, however the unknown's lower half of the face is slightly more angular/defined and wider, whereas the known's is more rounded/softer and narrower

Features Observations Response Summary - Q1 Face/Head Outline		Total Participants: 60
Response	Percent Reported	
Similar	9 (15.0%)	
Dissimilar	47 (78.3%)	
Inconclusive	2 (3.3%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q1: Table 4.1(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Nose to mouth distance is longer on the known. Distance between the eyes is similar.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The overall distance of eye, nose, and mouth relative to each other is shorter in one of the individuals.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	[No observations reported for this feature.]	
6VNPYY	Dissimilar	Unknown nose and upper lip are closer together
8BND4V	[Not Reported]	intercanthal distance appears similar
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	features appear to be spaced more on face of known, more space between nose and mouth, and from eyes to mouth, ears appear lower on head than unknown's
9WM27B	Dissimilar	Distance between features appears dissimilar (spacing of eyes, distance between nose and upper lip, lower lip to chin)
A4GTRA	[Not Reported]	Similarities: Approximate width of nose relative to eye distances; Approximate width of nose relative to mouth Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Approximate width of mouth relative to eye distances; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Ear position relative to nose, and mouth; Eye position relative to face length
A8F4MA	Dissimilar	Proportions/position of features on face
A9BMPB	Dissimilar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	distance from lip to chin similar, ear position similar
BGVZPT	Inconclusive	
BVKBTR	Inconclusive	
BYKLNK	Dissimilar	unk1 face is more central positioned
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q1: Table 4.1(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Known's face appears more elongated on the head than the unknown's.
E2YXFT	Dissimilar	Relative distances between facial features seem different
E7JQ38	Dissimilar	Dissimilar mouth width relative to the eyes and upper lip to nose base distance.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	eye spacing, and mouth to chin spacing similar; dissimilar spacing between nose and mouth, and between eyes and mouth
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar spatial relationship between features
HVURP4	Dissimilar	The composition of features appears different. The distance from hair line to brow is shorter in that of the known image and the distance from tip of the nose to upper lip appears less on that of the unknown image.
J4778Z	Dissimilar	Different facial composition- one wide and rounder, one sleek
JEFCV2	Dissimilar	nose location not same between images
KCVE8G	Dissimilar	The face/head composition appears to have the features located in the same location.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K has more vertically stretched features and positioning other than forehead.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The features of the face appear to have a tighter vertical arrangement on the unknown subject. The features of the face appear to be lower on the unknown subject.
QFUJLW	Similar	Eyes are similarly placed on the face in relation to the ears/nose/mouth. The intercanthal and interpupillary distance is similar. The nose is placed at a similar distance between the chin and eyes. Mouth is placed a similar location between nose and chin.
QKRZZB	Dissimilar	The distance from the top of the forehead to the eyebrows appears to be different between the probe and candidate. The distance of the candidate appears to be longer than the probe.
QT8L8U	Dissimilar	Facial composition of the known images appears very dissimilar than that of the unknown image. Facial features of the unknown image are closer together in a group while they are more spread out on the known image.

Image Set Q1: Table 4.1(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Known eyes appears to be closer together, distance from eyes to mouth appears to be shorter in the unknown, distance from nose to mouth is shorter in the unknown.
RJB49C	Inconclusive	Both known and unknown appear symmetric.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	relative shape and size of the facial features appear to be inconsistent with some minor differences in some features.
UGXDTR	Similar	similar relative size, proportion and symmetry to both faces
VGDWFB	Dissimilar	The eyes and eyebrows have been raised and the tip of the nose, the lips and philtrum have been moved down
WK96YB	Dissimilar	
X2TF24	Dissimilar	Approximate width of nose relative to eyes appears wider in U, approximate width of mouth relative to eyes appears wider in U, approximate distance from nose to upper lip relative to face length is longer on K, approximate distance from chin to lower lip relative to face length appears dissimilar; ear position relative to eyes, nose, and mouth hard to determine due to obstruction of hair on U; eye position relative to face length appears dissimilar, more central on U, appears higher in K
Z9L8L3	Dissimilar	Distance from upper lip to nose is shorter on unknown than known. Nothing else significant to note
ZCKK6L	Dissimilar	configuration and alignment of the facial features appear to be somewhat similar, such as the location, distance between, and distance from the lateral corner of the eyes to the hairline; however, the known's features take up more space on the face than that of the unknown's which is more compact

Features Observations Response Summary - Q1 Face/Head Composition		Total Participants: 58
<u>Response</u>	<u>Percent Reported</u>	
Similar	12 (20.7%)	
Dissimilar	41 (70.7%)	
Inconclusive	3 (5.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.4%)	

Image Set Q1: Table 4.1(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Knowns hair is more reddish. Texture of the hair appears to be similar. Unknowns part is located in the middle, knowns is more toward the left side. Fullness of the hair is similar. Style of the hair is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The hair length and texture are similar but the color is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have long blonde hair. Known has a side part and unknown has a middle part. Texture and thickness is similar.
8BND4V	Dissimilar	difference in parting of hair, Known(1) is slightly more to the left while the parting of Unknown(2) is more centered
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	somewhat similar tone, texture also appears somewhat similar, growth patterns and frontal and side hairlines appear different as hairlines have different curvatures
9WM27B	Similar	Hair color, length, texture, appears similar. Hairline is dissimilar - known has a more recessed hairline than unknown.
A4GTRA	[Not Reported]	Similarities: Hair: shape/spatial distribution, texture, density Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Hair: tonality; Forehead hairline: shape – right; Hairline right side: shape; Hairline left side: shape – partial Not comparable: (not visible in one or both images) Cranial baldness pattern: shape, distribution
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar color, thinness. Part is different. Hairline similar
BGVPT	Dissimilar	Known hair seems to be a little darker red
BVKBTR	Dissimilar	part on top head different place, similar color
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q1: Table 4.1(d) - Hair

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Known's hair appears thinner than unknown's and the natural part is in a different place than the unknown's.
E2YXFT	Similar	Similar texture
E7JQ38	Similar	Similar hair tone and length.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar color/ texture/ density, hairline appears somewhat similar, different parting
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar in color and texture. Similar hairline
HVURP4	Similar	Similar in color and texture. The hair part is different with the unknown image having a center part while the known has side part.
J4778Z	Dissimilar	Different Styles
JEFCV2	Dissimilar	blonde, part in different locations
KCVE8G	Similar	both images have long, straight, light hair. Each have a natural part in the hair on top of head that is inconsistent in location and the known's hair is slightly darker in color than the unknown's hair
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	both have long, straight, smooth textured hair. Unk has lighter blonde hair, K has more strawberry blonde hair
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The hairline appears to be unremarkable on both subjects. The hair is parted differently. The color of the hair is likely similar however there appears to be a difference in lighting. The hair texture appears to be similar.
QFUJLW	Similar	Similar in color. Length can not compared due to hair behind the head.
QKRZZB	Similar	The hair color of the probe and candidate appears to be similar.
QT8L8U	Dissimilar	Hairline and color appear dissimilar between the known and unknown.

Image Set Q1: Table 4.1(d) - Hair

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Color appears to be similar in both, hair part is dissimilar – unknown is down the center and known is off to the side, length is hard to say due to the unknown being behind the shoulders, texture is smooth in both, unknown has more frizziness, hairline on the right side comes more onto the known's forehead than the unknown's, the shape of the hairline is dissimilar on the right side, the left side is hard to say due to the way the hair is styled and covering some of the hairline
RJB49C	Inconclusive	Difference part of the hair. Style is similar on both, including color and length.
RTFBMC	Similar	
T9A37R	Dissimilar	Known has a higher hairline.
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67NZZ	Similar	
U8BE68	Dissimilar	hair appears to be similar in texture and thickness - differs in color with the unknown being brownish/blonde - known having redish blonde hair
UGXDTR	Inconclusive	similar colored and textured hair; hair part location is different with known being more towards the left side of the face versus more in the middle for the unknown; hairline across the forehead and temporal peak growth pattern appears similar
VGDWFB	Dissimilar	Right side hairline, variation in color, part line
WK96YB	Similar	
X2TF24	Inconclusive	Hair appears similar in texture, overall tone appears somewhat dissimilar, appears lighter in U which may be due to intentional alterations; r/l side hairline appears similar, hairline at top appears a bit more rounded in K but may be due to style of U
Z9L8L3	[Not Reported]	Known has strawberry blond hair and unknown has blond. The part of the hair is different
ZCKK6L	Dissimilar	hairline shape is somewhat similar, however the known's is shorter along the sides and the hair is parted on the left whereas the unknown's is parted in the center; the known's hair color is strawberry blonde whereas the unknown's is more of a dirty blonde color

Features Observations Response Summary - Q1 Hair		Total Participants: 61
	Response	Percent Reported
	Similar	34 (55.7%)
	Dissimilar	18 (29.5%)
	Inconclusive	6 (9.8%)
	Unable to Compare	0 (0.0%)
	Not Applicable	3 (4.9%)

Image Set Q1: Table 4.1(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns forehead protrudes out more. Unknowns' forehead is longer. Luminance is dissimilar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	One of the individual's forehead is flat, but the other individual's forehead is prominent (protruding).
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Unknown forehead is taller and more rounded at top.
8BND4V	Dissimilar	relative height of forehead of Unknown(2) from highest point of eyebrow curve to forehead hairline appears slightly longer than Known(1); Known(1) has more frontal lines visible not present/similar for Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Unknown has a bigger forehead which appears flatter in its contouring than known's
9WM27B	Dissimilar	width, height, and protrusion of forehead appears dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Brow ridges: prominence, continuity; Forehead shape: relative height, relative width, slope/contour
A8F4MA	Dissimilar	Forehead shape
A9BMPB	Dissimilar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	smooth, lack of wrinkles visible to compare.
BGZVPT	Similar	Similar in size and shape
BVKBTR	Dissimilar	different shape,
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	Between eyes and top of hairline different
D3D3DQ	Dissimilar	Hairline in known appears higher on the forehead than the unknown's.
E2YXFT	Dissimilar	Hairline and brow ridges are different

Image Set Q1: Table 4.1(e) - Forehead

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar forehead height and hairline shape and angle.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Unknown has higher forehead
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown's forehead appears longer with less prominent brow ridges. Neither have visible creases
HVURP4	Dissimilar	The width and length of the known image is shorter than that of the known image. There appear to be several frontal lines visible on the known image that are not visible on the unknown.
J4778Z	Dissimilar	
JEFCV2	Similar	
KCVE8G	Dissimilar	The unknown's forehead is slightly larger and more squared than known. Each is forehead is unremarkable of marks and lines
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K has a slightly shorter forehead height, both have a smooth brow ridge, Unk does not have any visible frontal lines, K has two short frontal lines.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The forehead appears to be larger and wider on the unknown subject. The middle of the forehead appears to indent more on the unknown than the known.
QFUJLW	Dissimilar	Similar in width. Not similar in length/size. Known's frontal bone is more prominent than the Unknown's
QKRZZB	Dissimilar	The shape and contour of the forehead between the probe and candidate appears to be different. The candidate looks to have a larger forehead compared to the probe.
QT8L8U	Dissimilar	The forehead on the known image appears shorter in height and width in comparison to the forehead of the unknown.
QY9X6C	Dissimilar	Unknown height is larger than the known, known width appears to be wider than the unknown, frontal lines in the known are more visible than the unknown, the frontal lines are dissimilar in placement, the unknown has marks throughout the forehead that are not visible in the known, the known has a vertical crease near the right side that is not visible in the unknown, brow ridge is dissimilar
RJB49C	Dissimilar	Shape and size of forehead, including distance between eyebrows and hairline slightly different, with unknown having a higher forehead.

Image Set Q1: Table 4.1(e) - Forehead

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Dissimilar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	general shape and prominence of the foreheads appear to be similar - temple region of the hairline has a similar shape - upper portion of hairline on forehead differs - forehead of Known appears to have frontal lines, not seen on Unknown
UGXDTR	Dissimilar	unknown appears to have a slightly taller forehead height; similar brow ridge prominence; the known appears to have a slightly more prominent frontal line, but could be difficult to compare due to lighting differences and could also be due to age difference; the unknown appears to have two small, but visible facial marks present in the middle of the forehead vertically above the right eyebrow that I do not see in the known; the known appears to have two vertical creases or definition lines extending vertically from the lateral ends of the eyebrows all the way to the hairline that aren't visible in the unknown
VGDWFB	Dissimilar	Relative height
WK96YB	Similar	
X2TF24	Dissimilar	Forehead appears flatter in U, more of an eminence present in K; relative height taller in U, relative width wider in U; brow ridges appear more prominent in K
Z9L8L3	Dissimilar	Forehead is more curved in the known than the unknown. One barely visible crease is noted on the known, but I didn't give it much weight due to so many other dissimilarities
ZCKK6L	Dissimilar	smooth musculature is similar, however the contour shape is dissimilar as the known's is more rounded/ dome shaped whereas the unknown's is flatter in the center and rounded along the ends and has some frontal eminences; the known has one very faint frontal line that is not visible on the unknown, but this could be attributed to lighting differences; the brow ridges are similarly insignificant/ not prominent

Features Observations Response Summary - Q1 Forehead		Total Participants: 61
Response	Percent Reported	
Similar	16 (26.2%)	
Dissimilar	44 (72.1%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q1: Table 4.1(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns eyebrows are thicker. Knowns eyebrows are more arched. Eyebrows are closer to the eyes on the unknown.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The eyebrow shape and thickness are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known eyebrows have more of a curve at the ends than the unknown.
8BND4V	Dissimilar	eyebrows appear to get much thinner toward the lateral ends for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	position above eyes is different, growth patterns and positions at lateral ends are different
9WM27B	Dissimilar	eyebrow grooming, texture, growth pattern appears dissimilar, but color does appear similar. Vertical end position of medial eyebrow relative to the lateral canthus of both brows appears dissimilar; known subjects eyebrows extend further beyond lateral canthus
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution); Shape; Size; Position; Density of hair; Hair details; Asymmetry Not comparable: (not visible in one or both images) Conjoined
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Dissimilar	
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	width between eyebrows different. shape different
BGZVPT	Dissimilar	Unknown has fuller brows
BVKBTR	Dissimilar	bushier on unknown,
BYKLNK	Dissimilar	different patterning in unk 1
CBAKDA	Dissimilar	
D2JEVV	Dissimilar	arch different
D3D3DQ	Dissimilar	Despite age difference, known's eyebrows appear more full in the center than the unknown's.

Image Set Q1: Table 4.1(f) - Eyebrows

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Slight asymmetry between right and left eyebrow shape on known image
E7JQ38	Dissimilar	Dissimilar eyebrow shape, size and distribution.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Known's brows appear shaped. similar hair texture and density. Dissimilar angle between arch and tail of brows.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has eyebrows that are more arched. They are also thinner which could be due to plucking
HVURP4	Dissimilar	The known's brows are thinner and have a distinct edge near the bridge of the nose while the unknowns are thicker and fuller.
J4778Z	Dissimilar	very different overall shapes
JEFCV2	Dissimilar	curvature and thickness dissimilar
KCVE8G	Dissimilar	The known's eyebrow's have a higher arch than unknown and are slightly darker in color
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K appears to have more heavily groomed brows with thicker medial edge and rapidly thinned lateral brow edges with more of a rounded arch. Unk has fuller brows, slightly lighter in color.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The eyebrows of the unknown appear to be fuller and have a flatter arc to them. The left brow appears to be higher on the known subject, but this could be due to expression. The lateral portion of the left brow appears to extend lower.
QFUJLW	Dissimilar	Eyebrows not similar in size/shape/contour. Unknown's are thicker and more fuller. Distance between Known's eyebrows is less than Unknown.
QKRZZB	Dissimilar	The growth pattern and thickness of the eyebrows appears to be different.
QT8L8U	Dissimilar	The growth pattern and grooming of the known image appear dissimilar from that of the unknown image. The unknown's eyebrows are fuller, lighter in shade, and appear ungroomed.
QY9X6C	Dissimilar	Color is darker in the known, shape is dissimilar – the known is more rounded and the unknown is more straight across, distance apart appears to be further in the unknown, there is a mark below the left eyebrow in the unknown that is not in the known, unknown eyebrows are thicker

Image Set Q1: Table 4.1(f) - Eyebrows

WebCode	Observation	Feature Notes
RJB49C	Dissimilar	Aside from similar size, the eyebrows have a different shape.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	brows of the Unknown appear to be thicker in growth throughout the length of the brows - Known appears to have more curved brows compared to flatter appearing Unknown brows. Known brows appear to be slightly darker in color
UGXDTR	Dissimilar	the known appears to have slightly more arched eyebrows in contour; the lateral ends of the known's eyebrows are more thin in hair growth, but could be due to grooming; the known's eyebrows appear slightly more dark than the unknown
VGDWFB	Dissimilar	Density of hair within eyebrow and distribution of density
WK96YB	Dissimilar	
X2TF24	Dissimilar	Eyebrows appear dissimilar in shape, thickness, angle, and symmetry, may be due to grooming; left eyebrow appears higher in K than right
Z9L8L3	Dissimilar	Eyebrows on unknown are slightly lighter in color than known. Known's are more shaped and thinner.
ZCKK6L	Dissimilar	eyebrows are somewhat similar in arched shape, however the known's are arched to a greater degree and are more compact from end to end, whereas the unknown's are more elongated; the end positions are similar in locations, with the approx. distance between the medial ends and the distance from the lateral ends to the hairline appears to be similar; the known's are thicker at the medial ends and become thinner at the lateral ends whereas the unknown's are more uniform in thickness; the known's are positioned slightly higher above the eyes than the unknown's and are slightly darker, as the known's lighten up at the lateral ends

Features Observations Response Summary - Q1 Eyebrows		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	4 (6.5%)	
Dissimilar	56 (90.3%)	
Inconclusive	2 (3.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q1: Table 4.1(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Shape of the eyes are similar. Lashes are longer on the known. Superior palpebral creases have a similar prominence.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The thickness of the superior palpebral crease (that is the distance between the eye and the crease) is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Eyes have similar shapes; however, inner portion of eyes on unknown curve slightly down and inner portion of eyes on known are straight or slightly upward
8BND4V	Dissimilar	more creases visible under eyes for Known(1), more visible under left eye; left periorbital creases of Known(1) appear to have slightly larger/wider v-shape; Known(1) has slight indent mark between right lateral canthus and right lateral end of eyebrow not present for Unknown(2); general angle/shape of eye openings appears similar
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	eye shapes are different, position on face of left eye is somewhat similar in angle, but shape of that eye is different, under eye lines are different in curvatures and positions, crows feet coming from lateral end of both eyes are different in positions and deepness
9WM27B	Dissimilar	Eye color appears similar. Intercanthal distance appears more significant for unknown than known subject. Right and left eye fissure openings are dissimilar; known has a wider eye fissure than unknown. Unknown's lateral fissure slopes downward where the knowns do not. Dissimilarity between visible crease above both eyes . protrusion of lower eyelid of both R and L eyes is more prominent in that of known. Shape and angle of the medial canthus of both eyes is dissimilar.
A4GTRA	[Not Reported]	Similarities: Intercanthal distance; Interpupillary distance; Eye fissure opening: shape, angle; Lateral canthus: shape, angle Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, Asymmetry; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, Asymmetry; Eyeball prominence; Sclera: visibility; Medial canthus: caruncle, shape, angle
A8F4MA	Dissimilar	Right and left fissure opening, Right and left medial canthus
A9BMPB	Dissimilar	tilt
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	

Image Set Q1: Table 4.1(g) - Eyes

WebCode	Observation	Feature Notes
BF6CMR	Similar	similar shape and eyelids. Can't tell color in either
BGZVPT	Similar	Similar in shape and size.
BVKBTR	Dissimilar	known more round, bottom line more curved on known,
BYKLNK	Dissimilar	some assymetry in known v unk1
CBAKDA	Dissimilar	
D2JEVV	Dissimilar	Medial canthus different
D3D3DQ	Dissimilar	Known's eyes are more open than the unknown's.
E2YXFT	Dissimilar	Eyes seem more protruding on known image, eye shape is more round on known image
E7JQ38	Dissimilar	Dissimilar eyelash length and distribution, medial canthus shape and size and upper eyelid to eyebrow distance.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known has larger spacing between eyes and brows. Known has more hooded eyelids (could be age-related). Similar eye shape and size
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has fuller medial canthus and lower lid on both eyes. Known has a superior palpebral crease on the left top lid. Know has more defined crow's feet
HVURP4	Similar	similar in almond shape and not open very wide, but the distance from lid crease to the brow is greater in the known image. Also, the known image has a double crease on the upper lid while the unknown does not.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	distance between eye and brow dissimilar, creases around eyes in various degrees, shape, and location
KCVE8G	Dissimilar	similar in color, the opening/fissures are inconsistent in shape and size. Known's eyelashes are longer. Creases are inconsistent
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K's medial canthi are more rounded, Unk has flatter medial canthi that are pointed down. K has a larger upper and lower lid and more pronounced eyes. lid
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Dissimilar	

Image Set Q1: Table 4.1(g) - Eyes

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The eyes appear to have a similar asymmetry on both subjects. The fissure of the right eye appears to come to an apex more laterally than the unknown. The medial canthi appear thicker/fleshier on the known. The subjects both have periorbital creases but appear dissimilar in contour/amount.
QFUJLW	[Not Reported]	Similar in shape. Medial canthus is not similar in shape/size. Superior/inferior palpebral creases are similar in size/shape. Number of periorbital creases are not similar.
QKRZZB	Dissimilar	The shape of medial canthus appears to be different between the probe and candidate. The shape of the eye fissure appears to be dissimilar between the probe and candidate.
QT8L8U	Dissimilar	The shape of the medial canthus, superior palpebral crease, fissure, presence of the sclera, lower eyelid shape and creases, and infraorbital crease shape all appear dissimilar.
QY9X6C	Dissimilar	Eyes are squinted in both because of expression, periorbital creases on both sides are dissimilar in how many/shape/size, superior and inferior palpebral creases are dissimilar in placement/size, more of the sclera is visible in the known, distance from eyes to eyebrows is shorter in the unknown, epicanthic fold droops more in the known, eye size appears to be smaller in the unknown, medial canthus is dissimilar in shape/size, mark under the right and left eye of the unknown that is not visible in the known, the unknown has a mark near the left lateral canthus that is not visible in the known, mark above the right epicanthic fold in the unknown that is not visible in the known
RJB49C	Similar	Very similar in shape, including folds on upper lids and shading below lower lids. Also, creases as outer corners are very similar.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	superior palpebral creases of the Known appear to have 2 creases compared to the single crease of the Unknown. The periorbital creases of the eyes appear to be somewhat similar - Known does have an additional indentation on the lateral side of the right eye. the inferior palpebral creases appear to be similar in depth but differ in shape, medial canthus' of both eyes appear to differ in sharpness

Image Set Q1: Table 4.1(g) - Eyes

WebCode	Observation	Feature Notes
UGXDTR	Inconclusive	eye color appears similar, but difficult to definitively tell due to lighting differences; the overall size of the eyes appears similar; the overall shape of the eyes appears similar; the right superior palpebral crease appears similar in shape and prominence; the known appears to have two left superior palpebral creases whereas the unknown appears to only have one, but the shape and prominence appears similar; the known appears to have more prominent inferior palpebral creases; the shape and prominence of the infraorbital creases appears similar; there appear to be similar creases in shape and prominence extending laterally from the left and right infraorbital creases; the known has a prominent scar or crease present lateral to the right eye that slightly appears present in the unknown, but I can't definitively determine to be the same; the known appears to have two prominent crow's feet creases and one light crow's feet crease extending laterally from the left eye, whereas the unknown appears to only have two with both being equally prominent; the right crow's feet creases appear similar in prominence and shape, but the unknown's appear more horizontal in plane than the known
VGDWFB	Dissimilar	Right eye lateral canthus (shape and angle of outer corner of the eye
WK96YB	Similar	
X2TF24	Dissimilar	Overall size of eyes in K appear larger; shape of medial canthi appear similar; superior palpebral creases appear more prominent on K, may be due to aging; periorbital eyelid appears larger in size in K; eyeball prominence appears more prominent in K; inferior palpebral creases appear similar in shape, however more prominent in K and appears to be more creases in K, may be due to aging; intercanthal distance appears slightly wider in U; interpupillary distance appears wider in U; sclera appears more visible on right medial eye of K whereas more sclera visible in left eye of U; iris color appears similar; right eye appears to be set slightly higher in U than left eye; eyelashes appear longer in K
Z9L8L3	Dissimilar	Eyes appear to be blue in both, but slightly lighter in unknown. The shape of the eyes is noticeably different. Known's eye shape is bigger/unknown's is thinner.
ZCKK6L	Similar	approx. intercanthal distance and degree of hoodedness is consistent; the shape and small opening of the fissure is similar; almond-like shape is somewhat similar, except the known's lower eyelid is slightly straighter in shape; the curvature and prominence of the superior and inferior palpebral creases are similar; the medial canthi shape is dissimilar as the known's are wider and rounder in shape; known's upper lashes are longer and more prominent/ visible; the known's left eye has an additional crease/ fold below the superior palpebral crease that the unknown doesn't have; the thickness of the lower eyelids is similar, however the known has additional creases between the inferior palpebral crease and bottom eyelid; both have periorbital creases visible on both eyes, but the known's are deeper/ more prominent and positioning is dissimilar

Features Observations Response Summary - Q1 Eyes		Total Participants: 61
	Response	Percent Reported
	Similar	17 (27.9%)
	Dissimilar	43 (70.5%)
	Inconclusive	1 (1.6%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q1: Table 4.1(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Cheeks are similar in roundness. Both subjects have dimples, left dimple is not consistent in size and location.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	Only one dimple is present in one of the individual while both dimples on the cheek are present in the other individual.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have round cheeks. Unknown cheeks appear fuller
8BND4V	[Not Reported]	cheeks appear slightly wider for Unknown(2); both appear to have dimples in cheeks, Known(1) has more prominent dimple in left cheek not similar to Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	shapes in both cheeks are different in both, unknown has more protrusion of her cheeks than known's, both have lines in both of their cheeks, but in different positions
9WM27B	Dissimilar	Height and fullness of cheeks appears dissimilar. Dimple placement on R cheek appears similar, however, unknown does not appear to have left dimple cheek that would be visible with this expression.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Cheekbone prominence; Cheek shape; Dimples
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Similar	
BF6CMR	Similar	dimples in both people, on both cheeks.
BGZVPT	Dissimilar	Unknow has fuller cheeks
BVKBTR	Dissimilar	cheek line/shape doesn't seem like a match.
BYKLNK	Dissimilar	dimple placement different
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Unknown's cheeks appear more full than the known's.

Image Set Q1: Table 4.1(h) - Cheeks

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Stronger/higher cheekbones on known image, cheek dimples do not match
E7JQ38	Similar	Similar cheek soft tissue fullness and minimal bone prominence.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	dissimilar shape, size, and fullness; both have dimples.
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Both have dimples. Unknown has more prominent cheeks and a smaller dimple on the left cheek.
HVURP4	Dissimilar	The known image is thinner and less full/less square thru the outer jaw. The chin of the known appears to turn upward slightly while the unknown does not.
J4778Z	Dissimilar	one has fuller cheeks
JEFCV2	Dissimilar	unknown more rounded, puffy cheeks
KCVE8G	Dissimilar	similar in weight and size. unknown's cheeks are fuller than known's. Known has 2 dimples, one on either cheek that are deeper than the one visible on the unknown's right cheek. No marks or blemishes on either
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has fuller, more rounded cheeks with flatter nasolabial creases. K has pronounced dimples on both L&R cheeks with flatter cheeks.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The cheekbones appear to be more prominent on the unknown subject. The cheeks appear to be fuller on the unknown. There appears to be a dimple on the right cheek on both subjects.
QFUJLW	Dissimilar	Probe's cheeks are more flatter. Candidate's are more round.
QKRZZB	Dissimilar	The fullness of the cheeks of the candidate appears to be fuller compared to the probe.
QT8L8U	Dissimilar	Protrusion of the cheek appears larger in that of the unknown image. Both have a dimple on the right side, but the distance from the nasal labial fold while smiling appears different. Known image also has a dimple on the left side.
QY9X6C	Dissimilar	Unknown cheeks appear to be fuller, dimples are present in both images but are not the same size/shape or in the same location, mark on the known right cheek that is not visible in the unknown, marks on the unknowns left cheek that are not visible in the knowns

Image Set Q1: Table 4.1(h) - Cheeks

WebCode	Observation	Feature Notes
RJB49C	Inconclusive	Cheeks are similar in shape, including the dimple on the right cheek of each. The unknown candidate's cheeks are more full and has no dimple on left cheek.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZZ	Dissimilar	
U8BE68	Dissimilar	the cheek prominence and shape appears to differ - Unknown cheek bones appear to be closer in relative distance compared to the cheek bones of the Known
UGXDTR	Inconclusive	the unknown's cheeks appear slightly more full than the known; cheekbone placement and prominence appears similar
VGDWFB	Dissimilar	Presence of dimple
WK96YB	Dissimilar	
X2TF24	Dissimilar	Cheeks appear fuller in U, may be due to weight change; appears similar presence of dimple on right cheek in both, however appears dimple in left cheek of K not visible in U
Z9L8L3	Dissimilar	The nasolabial fold creates a different shape between the known and the unknown. The known's is more curved while the unknown's is angled. Both have dimples
ZCKK6L	Dissimilar	shape and size is dissimilar as the known's are more rounded whereas the unknown's are more square in shape and are slightly larger; cheekbone placement and prominence is similar; both have a similar sized dimple on the right cheek in a similar location, however the unknown's is slightly angled outward whereas the known's is straight up and down; the known has very prominent buccal creases that surround the nasolabial folds, whereas the unknowns connect to the nasolabial folds and aren't as distinct

Features Observations Response Summary - Q1 Cheeks		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	11 (18.3%)
	Dissimilar	45 (75.0%)
	Inconclusive	2 (3.3%)
	Unable to Compare	0 (0.0%)
	Not Applicable	2 (3.3%)

Image Set Q1: Table 4.1(i) - Nose

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns nasal body is longer. Tip of the nose is more bulbous on the known. Curvature of the nostrils are dissimilar, unknowns is more slanted and curves to the right. Crease on the tip of the unknowns nose not found on the known.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The nasal outline and the nasal base's width are dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	There is a slight angle tilt in the head of known. Nose appears longer overall than unknown.
8BND4V	Dissimilar	nose is slightly angled to the left for Known(1) and is more angled to the right for Unknown(2); nose of Unknown(2) appears more asymmetrical in shape with right nostril appearing to have more rounded curve while left nostril appears to follow more oval shape; Unknown(2) appears to have crease around center of nasal tip not present for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	width at root and down through body of nose is different, unknown has a slight curve down through body to tip toward the left, known's is relatively straight down through body, nostril shapes and sizes are different, nasal tip shape is different, nostril shapes are different, unknown's nostril shapes are asymmetrical
9WM27B	Dissimilar	Overall shape, length, width of nose is dissimilar. Nasal tip of wider and thicker in unknown than known. Nasal root width is wider in unknown than known. Nasal body is longer and thinner in that of known than unknown. nasal base of unknown is wider than that of known. Known has ticker alae than unknown. nostril shape is dissimilar. Unknown's nostrils appear slightly asymmetrical and this cannot be seen in the nostrils of known. Unknown has a thicker columella than known.
A4GTRA	[Not Reported]	Similarities: Nasal base: width Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Nasal outline: shape, length, width, prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: height; Nasal alae: thickness, shape; Nostrils: shape, size,; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Dissimilar	Nasal outline, Nasal root (bridge), Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose)
A9BMPB	Dissimilar	Base/alae
AE2ZQY	Dissimilar	Thinner nose in known picture.
AQVDNB	Dissimilar	

Image Set Q1: Table 4.1(i) - Nose

WebCode	Observation	Feature Notes
BF6CMR	Dissimilar	unknown individual has bend in nose, known individual turns up at tip and is longer
BGZVPT	Dissimilar	Unknown seems slightly wider at the nasal body
BVKBTR	Dissimilar	Bottom of nose different
BYKLNK	Dissimilar	wider nasal root in unk1 , nostril flaring different, tip different
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	nasal body differ, nostrils differ, alae differ
D3D3DQ	Dissimilar	Known's nose appears longer and thinner than the unknown's.
E2YXFT	Dissimilar	Tip of the nose is slightly pointing to the right on unknown image, nose bridge and body is wider on unknown image
E7JQ38	Dissimilar	Dissimilar nose body, tip, columella, alae and nostril shape, size and angle.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	dissimilar length, dissimilar alars shape. Known's bridge appears higher (appearance could be due to difference in lighting). Unknown bridge appears slightly curved.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has rounder Alas. Unknown has a slight bend in the nasal body
HVURP4	Dissimilar	The bridge of the unknown is wider and turns to the left slightly while the known does not. The unknown also has a "Y" shaped crease on the tip of the nose that is not present on the known image.
J4778Z	Dissimilar	nostrils, nasal root, and bridge appear different.
JEFCV2	Dissimilar	nostril shape and curvature is not the same, width of bridge is not the same
KCVE8G	Dissimilar	Known's nose is longer than unknown's. The tip of known's nose is pointier and the shape of the base of the nose is inconsistent
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K has a longer nose and thinner nasal body. Unk has asymmetrical nostril flare and a L skewed nasal body.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q1: Table 4.1(i) - Nose

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The nasal root appears to be more angled on the unknown subject. The nasal root, tip, and nostrils appears to be wider on the unknown the columella appears to be less wide on the known.
QFUJLW	Dissimilar	Nasal root is similar in width. Known's nasal body is slimer and more straight than the Unknown's. Known's nasal tip is more pointy, narrower. Known's ala are more thicker and rounder.
QKRZZB	Dissimilar	The width of the nasal body appears to be different between the probe and candidate. The shape of the nasal base appears to be different as well. The length of the nasal body looks to be different between the probe and candidate.
QT8L8U	Dissimilar	The nasal body of the know image appears thinner than the nasal body of the unknown image. The unknown image's nasal body also has a curve to the left midway down. The nasal tip of the known appears to be more pointed than that of the unknown. The alae shape and thickness appears dissimilar between the images, visible nostril shape also appears dissimilar.
QY9X6C	Dissimilar	Known nose appears to be straight where the unknown has a curve especially towards the tip of the nose, tip of the nose is dissimilar in shape/size, nostril size appears larger in the unknown, bridge appears to be thicker in the unknown, nasal root is wider in the unknown, nasal base is wider in the unknown and curves more the right, columella in the unknown has a crease where the known does not, ala appears to be thicker in the known, nasolabial folds are dissimilar in location/size/shape – the unknown connects to the nose where the known has a gap, there is a mark next the right side of the bridge of the nose in the unknown that is not in the known
RJB49C	Dissimilar	The nose on each is similar in length and width, including nostril shape and tip. Unknown appears to have slight curvature to her nose between the bridge and tip. The folds adjacent to the nostrils are slightly different.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Nasal body of known image is longer and with a sharper ridge.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	nasal body of Unknown appears to be shorter - nasal tip of Unknown appears to curve to the right with the alea of the nostrils flaring outward more as well. Nasolabial folds of the Unknown appear to be more flat in angle, Known appears to be curved
UGXDTR	Dissimilar	the known appears to have a more defined and prominent nasal root and bridge; the known has more defined and round nasal alae; the unknown's nasal tip appears to slightly favor towards the right whereas the known's appears more symmetrical in shape; the nasolabial folds appear slightly different in shape with the known's appearing to round off in shape when approaching the nose versus the unknowns appear to approach the nose more from a slanted shape; the left nasolabial fold in the unknown appears to touch the left lateral end of the mouth where the known's is farther away from the end of the mouth and the lower end of the known's nasolabial fold appears to split into two creases; the lower end shape of the right nasolabial fold and lower end distance to the side of the mouth appears similar

Image Set Q1: Table 4.1(i) - Nose

WebCode	Observation	Feature Notes
VGDWFB	Dissimilar	Nasal tip (shape bifid)
WK96YB	Dissimilar	
X2TF24	Dissimilar	Nasal root appears wider in U; nasal body appears more narrow and longer in K; alae appears dissimilar in thickness, shape, and angle; columella appears wider and more protruded in K; nostrils appear dissimilar in size and shape; distance from nasal base to upper vermillion border appears shorter in U; nasal base appears wider in U
Z9L8L3	Dissimilar	Nose is longer o the known and the tip is smaller than the unknown. The unknown's nose is slightly wider and not as long.
ZCKK6L	Dissimilar	degree of protrusion is similar, however overall shape, size, and length are dissimilar; the known's nasal body is longer, straighter, and narrower whereas the unknown's is more compact, slightly curved, and wider; width of the nasal base is similar, however the known's alas are thicker and more rounded in shape; both have a rounded nasal tip, but the unknown's is curved to the right and possesses a bifid crease; the known's nostrils are more symmetric in shape whereas the unknown's are asymmetric with the left more elongated and the right smaller and rounded; columella shape is dissimilar as the known's is rectangular shaped whereas the unknown's is more of a triangular shape; nasolabial folds are dissimilar in shape, length, and location, as the known's are rounded and short, ending at the corners of the mouth, whereas the unknown's are angular/ straight in shape, longer, extending beyond the corners of the mouth, and are located a closer proximity to the mouth; the area between the nasolabial folds is dissimilar, as the known has more space

Features Observations Response Summary - Q1 Nose		Total Participants: 62
Response	Percent Reported	
Similar	3 (4.8%)	
Dissimilar	58 (93.5%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q1: Table 4.1(j) - Ears

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Unable To Compare	Unable to compare, mostly covered on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The ears cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Both subjects have pierced ears. Unknown ears are barely visible, unable to compare further.
8BND4V	Inconclusive	much of ears of Unknown(2) obscured by hair; what is visible of right antihelix appears to protrude slightly more for Unknown(2) than Known(1), could be angle
8FHAQ2	Unable To Compare	ears of the unknown are covered under hair that's why ear-comparison is not applicable.
8T7EYX	Inconclusive	
9NAAFD	Inconclusive	unable to see top portion of ears of unknown due to hair covering them, middle section of outside of right ear appears different, known appears to have slightly bigger earlobes
9WM27B	Inconclusive	Ears of unknown are mostly obstructed and therefore were not compared.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Antihelix: size, shape; Lobe: size, shape Not comparable: (not visible in one or both images) Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: attachment; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Unable To Compare	unknown has ears covered with hair
BGVZPT	Dissimilar	Although partially covered, the unknowns ears seem closer to the head
BVKBTR	Dissimilar	known ears stick out more and different shape.
BYKLNK	Not Applicable	

Image Set Q1: Table 4.1(j) - Ears

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVV	Dissimilar	size different from what can be seen, helix differ
D3D3DQ	Dissimilar	Although partially covered by hair, the unknown's ears appear smaller and they seem to lay flatter to the head than the known's.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Unknown image ears are insufficiently resolved.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Unable To Compare	Known ears are not fully visible for comparison; left concha shape and size appears dissimilar.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Ears are not fully visible in unknown. They both appear to be in the same locations on the head. Both have pierced ears.
HVURP4	Dissimilar	Not much is visible on the unknown image. so difficult to determine. it does appear that the left ear of the known image's helix is outward turning.
J4778Z	Dissimilar	
JEFCV2	Unable To Compare	due to various hair in front of both ears in various locations, not able to compare like area in ears
KCVE8G	Inconclusive	The ears are similar in shape and size. Details are difficult to see due to hair cover
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Unk has hair covering ears.
MMPAFW	Unable To Compare	
MX9NJY	Dissimilar	
NPD6JF	Inconclusive	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The angle of protrusion of the ears appears to be smaller on the unknown however this could be due to hairstyle change. The antihelix appears to be more pronounced on the unknown. The antihelix of the left ear appears to be dissimilar in shape.
QFUJLW	Unable To Compare	
QKRZZB	Not Applicable	Difficult to compare due to the hair covering the ears
QT8L8U	Inconclusive	Both have pierced ears and antihelix of the left ear seems dissimilar.

Image Set Q1: Table 4.1(j) - Ears

WebCode	Observation	Feature Notes
QY9X6C	Unable To Compare	Most of the unknown ears are covered by hair therefore hard to compare, both have earrings that are visible, the knowns ears are visible more so the right ear than the left due to hair covering
RJB49C	Inconclusive	The candidates' ears are not fully visible.
RTFBMC	Unable To Compare	not fully visible
T9A37R	Dissimilar	Ears of known image protrude much more than those of unknown image.
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	Ears of the Unknown are covered
UGXDTR	Inconclusive	unable to fully compare due to hair covering; both known and unknown have ears pierced in relatively similar location; the shape of the right earlobe extending into the helix appears different in shape; the attachment of the ear lobes and protrusion from the side of the face appears similar; the shape of the upper lobe extending into the anti-helix in the left ear appears different
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Inconclusive	Left concha from what is visible appears smaller in U; left tragus appears protruded, not visible in K; antitragus appears protruded in K, may not be visible in U due to obstruction/imaging conditions; appears could be similar protrusion of antitragus on right ear however would not place stability due to head angle/obstruction/imaging conditions; both ears appear to be pierced in U&K
Z9L8L3	Inconclusive	Difficult to do a comparison because of hair covering the ears on the unknown
ZCKK6L	Dissimilar	both have their lobes pierced, but the majority of the unknown's ears are covered by the hair and therefore most of the features are unavailable for comparison, however the unknown's antihelix appears to be thicker than the known's and the knowns appear to protrude at a greater degree than the known's

Features Observations Response Summary - Q1 Ears		Total Participants: 62
Response	Percent Reported	
Similar	2 (3.2%)	
Dissimilar	12 (19.4%)	
Inconclusive	18 (29.0%)	
Unable to Compare	25 (40.3%)	
Not Applicable	5 (8.1%)	

Image Set Q1: Table 4.1(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Lips are fairly thin on known and unknown. Similar expression, both are smiling showing teeth. Knowns two front teeth are longer. Tone of the gums are dissimilar. Teeth are straight on both subjects.
3UFTE6	Dissimilar	
44J8XH	Unable To Compare	
474EX6	Dissimilar	One of the individual's overall lip is protruding more than the other individual.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	philtrum / bridge
6VNPYY	Dissimilar	Both subjects have a large smile for an expression exposing the upper teeth. Known upper gums are also visible and teeth appear larger.
8BND4V	[Not Reported]	appear to have similar shape/size of upper lip; teeth appear larger in size for Known(1) than Unknown(2); both have smiling expressions with upper teeth visible, mouth appears open slightly wider for Known(1), able to see space below bottom of upper teeth
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	fissure of mouths appear different, lip sizes appear similar, but shapes appear different especially of bottom lip, mouth ends are different, known has longer teeth, especially the top 2 than unknown's as they are both big smiling,
9WM27B	Dissimilar	overall shape and symmetry of mouth is dissimilar. the fullness and protrusion of the lower lip of known is more significant than that of unknown. Lip fissure is dissimilar. Amount of gum line showing is more significant in the known than unknown. The teeth of known are larger and have a different shape than that of unknown.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Lip fissure: shape, degree of contact, angle; Asymmetry; Characteristic detail of teeth: shape, size, alignment/position, condition Not comparable: (not visible in one or both images) Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Mouth abnormalities
A8F4MA	Dissimilar	Upper and Lower lip, Lip fissure
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	similar thin lips, different lip fissure when smiling, different shape teeth

Image Set Q1: Table 4.1(k) - Mouth

WebCode	Observation	Feature Notes
BGZVPT	Dissimilar	Distance from tip of nose to lip seems larger in the known
BVKBTR	Dissimilar	distance from teeth to lip to nose seems off, actual teeth seem similar but gums are not the same.
BYKLNK	Dissimilar	distance to chin in known different
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	lowe lipdifferent, lip fissure appears different
D3D3DQ	Dissimilar	Known's lower lip appears more full and known shows more of her upper gum line when smiling than the unknown.
E2YXFT	Dissimilar	Lip fissure (incl. lips and teeth) is different
E7JQ38	Dissimilar	Dissimilar mouth, mouth corner, fissure and lower lip shape and size and dissimilar teeth shape, size and tone.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	dissimilar shape /size/fullness. Dissimilar teeth shape
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown has longer corner mouth creases. Both has similar sized lips. Known has a larger mouth fissure
HVURP4	Dissimilar	The known's bottom lip appears to square off in the center while the unknown's does not. There are more gums showing on the known image than the unknown.
J4778Z	Dissimilar	
JEFCV2	Similar	similar, but known image has more open expression
KCVE8G	Dissimilar	inconsistent in shape. Both have an open mouth smile exposing the teeth. The teeth are similar in shape, size and placement but the probe's teeth are larger and more of the upper gum is exposed than in candidate image
KRVVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K has a more vertical fissure opening with longer teeth than Unk. Unk's fissure is flatter across both upper and lower lips.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q1: Table 4.1(k) - Mouth

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The lower lip appears to protrude more on the known. The commissure lines appear to be more visible on the unknown. The contour of the upper lip appears similar. The incisor teeth appear to be more prominent on the unknown. The front teeth appear to be taller and thinner on the known.
QFUJLW	Dissimilar	Vermillion border is not similar. Lips are similar in thickness but similar in shape/contour.
QKRZZB	Dissimilar	The overall mouth shape appears to be different between the probe and candidate. The shape of the teeth between the two images are different. The upper and lower vermilion border appears to be different.
QT8L8U	Dissimilar	Fissure, upper and lower vermilion borders, teeth are dissimilar.
QY9X6C	Dissimilar	Both are smiling with teeth showing, teeth appear to be dissimilar in shape/size/coloring, marionette lines are dissimilar in shape/size/location, the known has more gum showing than the unknown around the teeth, upper lip of the unknown appears to be thicker than the known, the bottom lip also appears to be thicker in the unknown, the unknown width of the mouth is wider than the known, upper and lower vermilion border is darker in the known
RJB49C	Dissimilar	The shape of the lips are similar, but the known candidate has curvature to her upper lip as opposed to a straight upper lip on unknown candidate. The teeth appear consistent in shape, size and at the gumline.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Overall mouth fissure of known image is different in shape.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67Nzd	Similar	
U8BE68	Dissimilar	relative shape and size of the teeth appear to be similar - shape of the smile differs - the presence of marionette lines and buccal creases differs between subjects - both subjects have 'dimples' in the cheeks but differ in depth and location
UGXDTR	Dissimilar	similar overall size; similar upper lip size and protrusion; the distance between the upper lip and the nasal tip appears longer in the known; the lower lip in the known appears to protrude further outwards than the unknown; both have lip creases on the lower lip, but the placement and shape appear different; the smile of the known appears to be showing more gum; the length of the known's front teeth appear longer; the unknown has a more prominent marionette line on the left side extending downwards
VGDWFB	Dissimilar	Philtrum ,lip fissure
WK96YB	Dissimilar	
X2TF24	Dissimilar	Overall size of mouth appears larger in K; upper vermilion border appears dissimilar in shape; lower vermilion border appears dissimilar in shape; upper lip appears similar in fullness in center however appears fuller on l/r side in K; lower lip appears dissimilar in fullness; tone appears dissimilar in both; creases in lower lip appear dissimilar in shape/quantity/location; teeth appear larger in size in K and dissimilar in color and shape, upper gums protruded in K; mentolabial sulcus appears farther down in U, more prominent in K; labial commissures appear to extend farther in U

Image Set Q1: Table 4.1(k) - Mouth

WebCode	Observation	Feature Notes
Z9L8L3	Dissimilar	Teeth are vastly different between the two. Known has much longer teeth. The smiles are also different.
ZCKK6L	Dissimilar	the overall shape and size is similar, but the unknown's is wider and the fissure opening is smaller; the shape and thickness of the lips appear to be similar, however the known's lower lip protrudes more; the known's teeth are larger and the upper gums are visible whereas the unknown's teeth are smaller, have more visible, and the gums aren't visible; the known appears to have a slight overbite; the known has a little more distance between the columella and upper lip than the unknown

Features Observations Response Summary - Q1 Mouth		Total Participants: 61
Response	Percent Reported	
Similar	7 (11.5%)	
Dissimilar	50 (82.0%)	
Inconclusive	3 (4.9%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q1: Table 4.1(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Chin is more rounded on the unknown, squared on the known.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	One of the individual's jawline is more slender.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both subjects have a pointy small chine. Known jaw line angles slightly out and upward towards the ears. Unknown jaw line angles out and up and then makes a right angle near the cheeks before going up just below ears.
8BND4V	Similar	both have more angular curve to jawline
8FHQA2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	unknown has a wider jawline with more rounded gonial angles on both sides, unknown has a longer chin and appears to protrude more than known's
9WM27B	Dissimilar	Overall shape, length, and width of chin is dissimilar. Shape of jawline is dissimilar. Gonial angle is significantly dissimilar.
A4GTRA	[Not Reported]	Similarities: Chin: overall shape, width relative of rest of face Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Chin: length, prominence; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Dissimilar	Chin, Jawline, Gonial angle
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known has more square chin, jawline more angled
BGVZPT	Dissimilar	Known has more squared chin; Unknown has rounder jawline.
BVKBTR	Dissimilar	chin/jaw lines not in same place.
BYKLNK	Dissimilar	chin more square in known
CBAKDA	Dissimilar	
D2JEWV	Similar	
D3D3DQ	Dissimilar	Unknown appears to have a more pointed chin and angular jaw line than the known.

Image Set Q1: Table 4.1(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Wider yawline on unknown image
E7JQ38	Dissimilar	Dissimilar gonial angle and jawline shape, size and angle.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	chin outline similar, but jawline prominence and gonial angle dissimilar. slightest impression of a chin cleft in unknown. Mental groove slightly higher in Known.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown has a more defined jaw line and a rounder chin. Known has a more square chin
HVURP4	Unable To Compare	Known is redder complected while the unknown is paler. There is a double crease of the left nasal crease that is not present on the unknown image. The chin of the unknown appears longer in distance from bottom lip to chin.
J4778Z	Dissimilar	one has a fuller face and jaw
JEFCV2	Dissimilar	unknown cuts more deeply to chin, more angular, chin shape is not same
KCVE8G	Dissimilar	similar in shape and size. the unknown's chin is asymmetrical as opposed to the known's more symmetrical chin
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K has smoother gonial angle. Unk has a more pronounced chin. Both have similar rounded chins.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The chin appears to be thinner on the unknown. The jawline appears to be more squared on the unknown. The gonial angle appears to be wider on the known.
QFUJLW	Dissimilar	Chin is not similar in shape. Known's is more rounder. Gonial angle is not similar in size/shape
QKRZZB	Dissimilar	The probe appears to have a narrower jawline compared to the candidate. The candidate has a more pointer chin compared to the probe.
QT8L8U	Dissimilar	Known image has a square chin while unknown has a more round chin. Jawline on the known is longer and narrow while unknown jawline is shorter and wider.

Image Set Q1: Table 4.1(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Known jawline appears to be longer and the chin appears to be more square, the unknown chin shape appears to be rounder and jawline is shorter, gonial angle of the unknown sticks out further than the known, there are marks on the unknown chin that are not present in the known
RJB49C	Dissimilar	The chin on both are similar in shape, but the unknown candidate appears to have a greater distance between the lower lip and tip of the chin.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown image jawline is much more pronounced and angular.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	Unknown appears to have a wider and more protrusive jawline - Known has more prominent buccal creases giving the chin region a more forward appearance
UGXDTR	Dissimilar	the shape of the jawline and gonial angle appears different with the unknown's being more prominent and round; the known appears to have a more prominent and protruding chin
VGDWFB	Dissimilar	Prominence ,DIMPLE
WK96YB	Dissimilar	
X2TF24	Dissimilar	Chin appears more prominent in K; jawline appears more defined in U and wider; gonial angle appears more defined in U
Z9L8L3	Dissimilar	Unknown's chin and jawline is rounder than known's. Known has a slight double chin
ZCKK6L	Dissimilar	length of the jawline is similar, but the unknown's is more angular and gonial angle defined whereas the known's is rounded/soft; width, rounded shape, and prominence of the chin is similar, but the height is dissimilar as the known's is shorter

Features Observations Response Summary - Q1 Chin/Jawline		Total Participants: 61
Response	Percent Reported	
Similar	8 (13.1%)	
Dissimilar	51 (83.6%)	
Inconclusive	1 (1.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q1: Table 4.1(m) - Neck

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Length of the neck appears to be similar. Known's neck is more red. Creases are more prominent on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The shape and size of the neck and the degree of the wrinkles on the neck is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	blemishes / length
6VNPYY	Dissimilar	Facial marks on the neck do not correspond between subjects.
8BND4V	Dissimilar	difference in number/prominence of neck wrinkles and distance in relation to one another; multiple round curve neck wrinkles closer in relation to one another for Unknown(2), Known(1) has more prominent neck wrinkle with slight difference in curve
8FHAQ2	Dissimilar	fold-like or wrinkle line-like is apparent on the neck of known one, but there is no line on the unknown
8T7EYX	Similar	
9NAAFD	Dissimilar	neck lines appear different in positions and curvatures, unknown has indentation in middle of lower neck not visible on known
9WM27B	Dissimilar	Neck of known is shorter and wider than that of known. While both have neck lines, the placement and depth is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall neck: width, height, details Not comparable: (not visible in one or both images) Laryngeal prominence: shape, size, prominence, location
A8F4MA	Dissimilar	Neck overall
A9BMPB	Dissimilar	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known has deeper set wrinkles
BGVPT	Dissimilar	Lines on neck don't line up
BVKBTR	Dissimilar	neck lines in different places
BYKLNK	Dissimilar	neck creases different
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Both have marks on neck but in different areas.

Image Set Q1: Table 4.1(m) - Neck

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Neck seems wider and slightly shorter on unknown image, lines on the neck do not match
E7JQ38	Similar	Similar neck height and width.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known's neck is longer.
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	known appears to have a longer, skinner neck where the unknown's neck appears to widen closer to the neck. Known has a freckle on the left and Unknown has a freckle on the right.
HVURP4	Dissimilar	The unknown image has mole/mark on the right side of the neck that is not on the known image. Also, the known image has several marks on the left side of the neck that are on the unknown.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	marks visible on both, but in different locations/color/texture
KCVE8G	Similar	appears to be similar in length, width and weight. the neck lines of the known are deeper and more numerous than unknown
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has small reddish protruding facial mark or skin tag on the R side of the front of neck.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The neck appears to be wider on the unknown. The subjects both have neck wrinkles, but they appear to have a different location.
QFUJLW	[Not Reported]	Similar in width. Number of neck wrinkles are not similar.
QKRZZB	Dissimilar	The neck creases on the necks do not line up between the two images.
QT8L8U	Dissimilar	Unknown appears to have a wider neck than that of the known. Both have a horizontal neckline, however, the known's neckline is more prominent. The unknown has a mark on the right side of the neck.
QY9X6C	Dissimilar	Known neck is longer and narrower than the unknown, neck creases are in different locations and are different size/lengths, the unknown has a mark on the lower right side of neck that the known does not, the known has a mark on the lower left side that the unknown does not have, creases on the known are deeper, the known appears to have a double chin where the unknown does not

Image Set Q1: Table 4.1(m) - Neck

WebCode	Observation	Feature Notes
RJB49C	Similar	The neck shape, width, and length are similar with no specific marks or blemishes. One distinct visible crease is consistent with both in the midneck area.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	the neck of the Unknown appears to be thinner relative to the head - neck of Unknown appears to be shorter - neck creases appear to be present on both subjects, do not appear to line up
UGXDTR	Dissimilar	the relative width of the neck appears similar; both individuals have neck creases in a similar relative location, but too difficult to definitively compare due to lighting differences; there are different facial marks present on both individuals that are not in a similar location, size or prominence
VGDWFB	Dissimilar	Folds
WK96YB	Similar	
X2TF24	Dissimilar	Neck appears wider from what is visible in U, some of neck may be obstructed in K on left from hair; neck crease visible in both in similar location, more prominent on K, may be due to aging; facial mark on left side of neck in K not visible on U, facial mark on right middle neck of U not visible in K; neck appears longer in K
Z9L8L3	Dissimilar	Distinct neck crease visible on known that is not observed in unknown
ZCKK6L	Dissimilar	width is dissimilar as the unknown's appears to wider; length and musculature is similar; the known has 2 prominent neck creases, one across the middle and along the base of the neck, whereas the unknown has one across the center; the known has a faint facial mark on the left side of the neck between the two creases whereas the unknown has one on the right side of the neck closer to the base of the neck

Features Observations Response Summary - Q1 Neck		Total Participants: 60
Response	Percent Reported	
Similar	14 (23.3%)	
Dissimilar	44 (73.3%)	
Inconclusive	1 (1.7%)	
Unable to Compare	1 (1.7%)	
Not Applicable	0 (0.0%)	

Image Set Q1: Table 4.1(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images) Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEW	Not Applicable	
D3D3DQ	Not Applicable	

Image Set Q1: Table 4.1(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	
FG99H7	Not Applicable	
GM7H34	Similar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	Neither image has facial hair.
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q1: Table 4.1(n) - Facial Hair

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	both individuals have none
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q1 Facial Hair		Total Participants: 61
Response	Percent Reported	
Similar	4 (6.6%)	
Dissimilar	0 (0.0%)	
Inconclusive	2 (3.3%)	
Unable to Compare	2 (3.3%)	
Not Applicable	53 (86.9%)	

Image Set Q1: Table 4.1(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Frontal line found on the known, not found on the unknown. Inferior palpebral creases have a similar prominence and are found in similar locations. Both subjects have crows feet, arrangement and lengths are dissimilar. Nasolabial folds are found in similar locations. Mentolabial sulcus more prominent on the known.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The nasolabial folds, wrinkles around the mouth, and the wrinkles on the neck is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both subjects have dimples and lines around the eyes. Dimples on left cheek are not in same location on both subjects. Lines around nose and mouth are not the same shape.
8BND4V	Dissimilar	Known(1) has more rounded/higher curve of left/right nasolabial folds, while Unknown(2) has straighter curve to nasolabial folds that have sharper curve closer to corners of mouth; prominent curve from left corner of mouth of Unknown(2) not present for Known(1)
8FHQA2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	nasolabial lines are different in starting positions by nose, angle, curvature and positions coming down past mouth,
9WM27B	Dissimilar	mentolabial sulcus of known is visible, in unknown it is not visible/as significant. Placement and depth of nasolabial folds are dissimilar. Buccal creases are dissimilar.
A4GTRA	[Not Reported]	Similarities: Infraorbital crease; Nasolabial crease Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Frontal lines; Bifid nose crease; Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Mentolabial sulcus; Buccal creases; Wrinkles on neck Not comparable: (not visible in one or both images) Vertical glabellar; Nasion crease; Lateral nasal lines; Circumoral striae; Marionette lines; Cleft chin; Other creases
A8F4MA	Dissimilar	Left superior palpebral crease, Right and left infraorbital creases, Right and left nasolabial crease/folds, Wrinkles on neck
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known has longer marionette lines
BGVPT	Dissimilar	

Image Set Q1: Table 4.1(o) - Facial Lines

WebCode	Observation	Feature Notes
BVKBTR	Dissimilar	Similar dimples, Similar other lines, but some different or in wrong relation
BYKLNK	Dissimilar	crow's feet different, marionette lines strong in unk1
CBAKDA	Dissimilar	
D2JEVV	Dissimilar	one rounded from nose to mouth, other straight. Eye lines different
D3D3DQ	Dissimilar	Both have dimples and lines around the eyes, but they are dissimilar in appearance.
E2YXFT	Dissimilar	A double-lined superior palpebral crease of the left eye on known image, naso labial creases are diggerent, lines on the forehead do not match
E7JQ38	Dissimilar	Dissimilar left superior palpebral crease number, crow's feet shape, number and placement, nasolabial folds, left dimple and neck crease shape and placement.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Inferior palpebral creases dissimilar in shape, periorbital creases dissimilar, nasolabial creases dissimilar in shape. Buccal creases prominent in Known. Crease across center of neck appears similar in shape but dissimilar in placement. fine lines present in Known.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	known has nasolabial folds that round then flow down from the nostril. Unknown has nasolabial folds that immediately angle down from nostrils. unknown's nasolabial folds also touch the corners of the mouth
HVURP4	Dissimilar	The location of the left dimple on the unknown is further out from the lips than that of the unknown image. The known image has a linear crease on the left side of the nostril that is not on the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	creases throughout face are dissimilar in location, curvature, thickness, and location in relation to other features
KCVE8G	Similar	
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	none other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q1: Table 4.1(o) - Facial Lines

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The nasolabial lines appear to be more rounded on the known than the unknown. The spacing between the nasolabial lines and the upper lip appears to be shorter on the unknown. There appears to be a dimple on the left side of the known that is not visible on the unknown other facial lines are described above
QFUJLW	Dissimilar	Nasolabial folds are not similar in shape/length. Unknown's shape are diagonally straight. Known's are more rounded. Known has very visible buccal creases where the Unknown does not. Marionette lines are not similar in length but are similar in location. Mentolabial sulcus is similar in location. Known's is more prominent. Dimples are similar in location. Not similar in length. Left dimples are not similar in shape.
QKRZZB	Dissimilar	The nasolabial folds between the probe and candidate do not line up between the probe and candidate. The frontal lines between the two images do not line up. The inferior palpebral and superior palpebral creases do not line up.
QT8L8U	Dissimilar	Known has visible frontal lines and galbellar lines. The Periorbital creases on the known are more prominent and are in a different placement than that of the unknown. The nasal labial folds shape and starting points are dissimilar.
QY9X6C	Unable To Compare	Known buccal creases are visible but the unknown are not
RJB49C	Inconclusive	The facial lines around the mouth are inconsistent.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	facial lines are mentioned in the forehead, eyes, nose, mouth, cheek and chin sections of this comparison.
UGXDTR	Dissimilar	both individuals have a similar dimple on the lower right cheek that appears similar in shape, size and prominence; the known has a more prominent dimple or crease extending in a more diagonal shape compared to the small dimple or crease on the lower left cheek lateral to the mouth; the known appears to have a light crease extending laterally from the top of the left nasal alae that is not present in the unknown
VGDWFB	Dissimilar	Right and left periodontal creases
WK96YB	Dissimilar	
X2TF24	Dissimilar	Frontal lines visible on K not present on U, may be due to aging/lighting; l/r periorbital lines appear more prominent dissimilar in shape on K; nasolabial folds appear dissimilar in shape and prominence; others previously mentioned
Z9L8L3	Dissimilar	Crow's feet around the eyes are noticeably different in the known and unknown. The nasolabial fold and dimples are also different
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q1 Facial Lines		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	5 (8.2%)	
Dissimilar	52 (85.2%)	
Inconclusive	2 (3.3%)	
Unable to Compare	2 (3.3%)	
Not Applicable	0 (0.0%)	

Image Set Q1: Table 4.1(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Not Applicable	it seems that both ones dont have any scar
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images)
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEWV	Not Applicable	
D3D3DQ	Dissimilar	Unknown has a few small scars on the chin and one above left eyebrow that is not observed in known image.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q1: Table 4.1(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Unknown has potential scar below inner corner of right eye and on left jawline
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	The known image appears to have a mark/imperfection/blemish on the right side above the brow between the bridge of the nose and the brows that is not on the unknown image.
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	none other than those previously mentioned.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Dissimilar	Possible scar/mark on the unknown's neck but not on the known
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	

Image Set Q1: Table 4.1(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	nothing additional to that annotated above
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Dissimilar	Scar observed on known between the eyes than is not seen on the unknwn. Possibly another scar near the right eye of the known.
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q1 Scars		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.3%)
	Dissimilar	5 (8.2%)
	Inconclusive	1 (1.6%)
	Unable to Compare	2 (3.3%)
	Not Applicable	51 (83.6%)

Image Set Q1: Table 4.1(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Mark on the unknown's neck, not found on the known.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Few facial marks on either subject but they are not consistent between the subjects.
8BND4V	Dissimilar	potential mark near left gonial angle of cheek/jaw of Unknown(2) does not appear present for Known(1); potential small reddish mark on lower neck toward center right of Unknown(2) not present for Known(1), could be transient
8FHAQ2	Not Applicable	it seems that both ones don't have any different level of pigment
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	unknown has a mark on lower neck not visible on known
9WM27B	Not Applicable	Unknown has facial mark on lower left cheek that is not visible on known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Potential facial mark on right center of forehead in Q, not observed in R; Potential facial mark on center of right cheek in Q, not observed in R; Potential facial mark on lower left cheek in Q, not observed in R; Potential facial mark in lower left of neck in R, not observed in Q; Potential facial mark on lower right of neck in Q, not observed in R
A8F4MA	Dissimilar	skin marks on the right side of the neck
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Dissimilar	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Dissimilar	mark on unknown not on known
BYKLNK	Not Applicable	
CBAKDA	Dissimilar	
D2JEW	Not Applicable	

Image Set Q1: Table 4.1(q) - Facial Marks

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Unknown has a mark on left jaw line as well as a few on the forehead that is not observed in known image.
E2YXFT	Dissimilar	Moles on the neck are in different spots
E7JQ38	Dissimilar	Unknown: Various freckles visible, darker tone skin marks visibility on the lower left cheek and lower right half of neck not visible in the Known. Known: Darker tone skin marks visible on the neck lower left not visible in the Unknown.
E9D7GU	Dissimilar	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Known has small mark on lower left neck, Unknown has small mark on lower right neck (different locations vertically)
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	Noted above
J4778Z	Not Applicable	
JEFCV2	Dissimilar	not in same location/texture/color/relationship to other features throughout both images
KCVE8G	Not Applicable	
KRVGN	Dissimilar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	none other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	Possible scar/mark on the unknown's neck but not on the known
QFUJLW	Dissimilar	Facial markings are not similar in location/size/shape.
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	

Image Set Q1: Table 4.1(q) - Facial Marks

WebCode	Observation	Feature Notes
T9A37R	Similar	Known image has deeper/more pronounced facial lines.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Not Applicable	
U8BE68	Not Applicable	one mark can be seen on the neck of the Unknown, not seen on Known
UGXDTR	Dissimilar	the unknown appears to have a light facial mark present on the lower left cheek close to the jawline that does not appear to be present in the known
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Mark appears present on left periorbital eyelid and one on lower left eyelid on U, mark on left upper nasal body on U, appears mark to right of nose in U and marks present on chin, not visible on K; K appears to have a few marks on right cheek not present in U; others mentioned previously; marks appear dissimilar in location/quantity/size/color in all
Z9L8L3	Dissimilar	There are moles on the left cheek and neck on the unknown that is not observed on the known.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q1 Facial Marks		Total Participants: 61
Response	Percent Reported	
Similar	4 (6.6%)	
Dissimilar	31 (50.8%)	
Inconclusive	1 (1.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	24 (39.3%)	

Image Set Q1: Table 4.1(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	age, lighting.
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Similar	Both have ears pierced and are wearing earrings.
8BND4V	[Not Reported]	both are wearing piercings in ears, Unknown(2) appears to have two stud earrings present in lobe of left ear
8FHAQ2	Not Applicable	it seems that both of them dont have makeup
8T7EYX	Dissimilar	age- lighting
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Ear piercing observed in both images - dissimilar in placement on the lobe
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Dissimilar	Peirced ears seem in different position.
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Dissimilar	Unknown has double piercing in left ear lobe that doesn't appear in known image.
E2YXFT	Similar	Pierced ears and similar jewellery
E7JQ38	Not Applicable	Alterations not observed

Image Set Q1: Table 4.1(r) - Alterations

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Not Applicable	
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	both have piercings, unknown double in one lobe
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	both have one set of visible earrings in both L&R lobes.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	
PT369V	Similar	facial expression
QCV8PW	Similar	Earrings on both subjects
QFUJLW	Similar	Both have ears pierced
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Known appears to be wearing makeup
RJB49C	Not Applicable	
RTFBMC	Similar	pierced ears
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZD	Not Applicable	
U8BE68	Not Applicable	Ear rings can be seen on both subjects

Image Set Q1: Table 4.1(r) - Alterations

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed
VGDWFB	Dissimilar	Makeup(eyelashes)
WK96YB	Not Applicable	
X2TF24	Inconclusive	Makeup may be present on eyelashes/eyebrows in both, however appears dissimilar; piercings previously mentioned; no tattoos visible
Z9L8L3	Inconclusive	Both have earrings, I didn't give it much weight
ZCKK6L	Similar	both known & unknown have their ears pierced

Features Observations Response Summary - Q1 Alterations		Total Participants: 58
	<u>Response</u>	<u>Percent Reported</u>
	Similar	9 (15.5%)
	Dissimilar	8 (13.8%)
	Inconclusive	4 (6.9%)
	Unable to Compare	2 (3.4%)
	Not Applicable	35 (60.3%)

Image Set Q1: Table 4.1(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison limitations		The Limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, resolution and a number of other imaging conditions.
AE2ZQY	teeth	Dissimilar	
BGZVPT	Teeth	Dissimilar	Teeth on known seem larger at the front two teeth
D3D3DQ	Teeth	Dissimilar	Known's two front teeth appear larger than the unknown's.
E7JQ38	Limitations	NotApplicable	Ageing, expression, make-up, occlusion (hair and earrings).
EYNFWN	age difference		
H7ZBPM	Teeth	Dissimilar	known has longer teeth and unknown has pointer canines
PT369V	teeth	Dissimilar	
QY9X6C	Overall Image Quality	NotApplicable	Known image is darker in lighting, both are frontal images and distance from the camera appears to be similar
RJB49C	Age	Dissimilar	There is a distinct difference in age between known and unknown candidates.

Detailed Feature Observations

TABLE 4 - Image Set Q2

Image Set Q2: Table 4.2(a) - Skin

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Tone of the skin is somewhat similar; Knowns appears to have a more reddish undertone. Texture of the skin is fairly smooth on both subjects.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	Rosacea can be seen in one of the individual's cheeks.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Skin tone is similar - white with red undertones. Lighting is causing some variations.
8BND4V	[Not Reported]	both have lighter skin tones
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	Tone appears somewhat similar, but texture and luminance is different, unknown has a rougher aged skin and known's skin is relatively smooth
9WM27B	Similar	Skin texture and tone is similar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Unknown is less sharp. Lighting/hue not comparable.
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	light color, similar texture
BGZVPT	Dissimilar	Unknown is not as smooth as known
BVKBTR	Dissimilar	
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEV	Similar	
D3D3DQ	Similar	Both have fair skin, but known appears to have a more pink skin tone than the unknown.

Image Set Q2: Table 4.2(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Similar	Texture seems similar
E7JQ38	Similar	Similar tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar tone/texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Similar color. Unknown has dark spots on his forehead. Unknown has shinier skin
HVURP4	Dissimilar	Known image is whiter toned while the unknown is more red in tone
J4778Z	Dissimilar	
JEFCV2	Dissimilar	blotchy, redness
KCVE8G	Dissimilar	both have light colored skin but the texture appears inconsistent. The unknown's skin appears thinner and has what appears to be light in color, age related type spots.
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have light skin with some uneven skin tones and facial markings
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Inconclusive	The subjects appear to present with a similar light skin tone with a variation in hue which could be due to lighting, quality, or imaging conditions. The skin texture appears to be smoother on the known.
QFUJLW	Dissimilar	Skin is similar in light color. Candidate's skin is not clear. Many sunspots are visible
QKRZZB	Similar	Skin tones between the probe and candidate appears to be similar.
QT8L8U	Inconclusive	image quality is different- unknown is more blurry so it is hard to truly compare the skin type as the blur makes the skin appear smoother.
QY9X6C	Dissimilar	Tone in the known is lighter, the unknown has more of a reddish tint to parts of the face around the cheeks, nose, and neck area, texture is smooth in both images, the known appears to have more peach fuzz throughout the face but that could just be the image quality difference, known has more freckles throughout the face
RJB49C	Dissimilar	Known has slightly blemished skin. Unknown has more blemishes.

Image Set Q2: Table 4.2(a) - Skin

WebCode	Observation	Feature Notes
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image skin less aged and smoother in appearance.
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67Nzd	Similar	
U8BE68	Dissimilar	skin tone and texture appears to be similar between subjects
UGXDTR	Dissimilar	right image has a smoother more glossy look to the skin
VGDWFB	Dissimilar	Luminance
WK96YB	Dissimilar	
X2TF24	Dissimilar	Skin appears dissimilar in texture and overall tone; variation in tone dissimilar; K appears more reddish in tone; cheeks of U appear more red in tone
Z9L8L3	Similar	Both are caucasian males
ZCKK6L	Dissimilar	weathered texture and freckled complexion is somewhat similar, however the tonality distribution is dissimilar; highlighting and shadowing on the contours of the face are dissimilar, indicating that the underlying musculature and bone structure is dissimilar

Features Observations Response Summary - Q2 Skin		Total Participants: 61
Response	Percent Reported	
Similar	29 (47.5%)	
Dissimilar	27 (44.3%)	
Inconclusive	4 (6.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q2: Table 4.2(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns head is longer and more narrow.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The overall length of the face is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both have an overall square elongated head shape. Unknown head is longer
8BND4V	Dissimilar	Unknown(2) appears to have more rectangular shape to face/head outline while Known(1) has more rounded rectangular
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Known has a squared head and unknown has an elongated rectangular head
9WM27B	Dissimilar	Face of unknown is longer/thinner than that of known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall shape of the face Not comparable: (not visible in one or both images) Shape of the cranial vault
A8F4MA	Dissimilar	overall shape of face
A9BMPB	Dissimilar	Known: more rounded outline
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk person has longer head, more oval
BGVZPT	Dissimilar	Unknown has a more oval face, known is rounder
BVKBTR	Dissimilar	head of known seems shorter than unknown
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEV	Dissimilar	
D3D3DQ	Dissimilar	Known has a more round face while the unknown is more oval.
E2YXFT	Dissimilar	Headshape is longer on unknown image
E7JQ38	Dissimilar	Dissimilar overall shape of face.

Image Set Q2: Table 4.2(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	cranial vault shape dissimilar, Unknown head shape appears longer
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown appears to have a larger cranial vault and a longer face.
HVURP4	Dissimilar	Unknown is more squatty/rectangular and super full thru cheek and jowl area while the unknown is more oblong in shape
J4778Z	Dissimilar	one head outline is longer than the other
JEFCV2	Dissimilar	unknown looks longer, may be due to phogography
KCVE8G	Dissimilar	similar in age. both appear to be male. similar weight in the face. unknown's head is oval/longer in shape, probe's head is square in shape.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has a taller, oval face shape, K has a more squared/oval shape
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The face/head outline appears to shorter and wider on the known.
QFUJLW	Dissimilar	Head is not similar in shape. Known's is rounder.
QKRZZB	Dissimilar	The probe appears to have longer or more oval face outline while the candidate has a wider and oval face outline.
QT8L8U	[Not Reported]	Head outline is obstructed by hair. Face outline appears dissimilar. Known is short and round. Unknown is long and thinner.
QY9X6C	Dissimilar	Unknown is more oval and the known has more of a box shape, width is larger in the known image, height is longer in the unknown
RJB49C	Dissimilar	Known candidate has a more round face as opposed to unknown candidate's longer face from forehead to chin.
RTFBMC	Dissimilar	unknown is more elongated
T9A37R	Dissimilar	Known image is rounded while the unknown image is taller/narrower.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	

Image Set Q2: Table 4.2(b) - Face/Head Outline

WebCode	Observation	Feature Notes
U8BE68	Dissimilar	general shape of the Unknown appears to be more elongated and taller, Known head shape appears shorter and wider
UGXDTR	Dissimilar	left image is more symmetrically oval and the right image is more narrow shaped and vertically elongated
VGDWFB	Dissimilar	Overall shape of face
WK96YB	Similar	
X2TF24	Dissimilar	Shape of cranial vault appears dissimilar, may be due to hair; overall shape of face appears dissimilar, longer and more narrow in U
Z9L8L3	Dissimilar	Unknown's face is much longer than known's. Known has a wider face.
ZCKK6L	Dissimilar	both have an oval-like shaped faces, however the unknown's is more elongated and thus narrower, whereas the known's is more compact and wider

Features Observations Response Summary - Q2 Face/Head Outline		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	5 (8.2%)	
Dissimilar	54 (88.5%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	1 (1.6%)	

Image Set Q2: Table 4.2(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Nose to mouth distance is similar. Distance between the eyes is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The overall distance of the eye, nose, and mouth relative to each other is shorter in one of the individuals.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features are evenly spaced on both subjects.
8BND4V	Dissimilar	lower end of ears relative nose and mouth appear further down on face for Known(1) than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	features are in slightly different positions relative to the other features of the face in know and unknown
9WM27B	Dissimilar	Placement of and distance between facial features is dissimilar.
A4GTRA	[Not Reported]	Similarities: Approximate distance from nose to upper lip relative to face length Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth; Eye position relative to face length
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	ears are higher in unk person compared to eyes
BGVZPT	Inconclusive	Ears set lower on known (below eyes)
BVKBTR	Dissimilar	
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Features of the unknown appear to be lower on the face than the known's.

Image Set Q2: Table 4.2(c) - Face/Head Composition

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Relative distances between facial features seem different
E7JQ38	Dissimilar	Dissimilar nose and mouth width relative to the eyes and eyes and eyebrows asymmetry
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Similar	features appear similarly spaced in relation to each other
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Similar	Spatial relationship between facial features is similar
HVURP4	Dissimilar	Spacing of eye location on the known image appears wider set than that of the unknown.
J4778Z	Dissimilar	different facial compositions
JEFCV2	Similar	appears similar
KCVE8G	Dissimilar	the overall size and area of the unknown's head appears larger in comparison to the features on the face. The features on the probe's face are larger and fill the surface area of the face
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a larger forehead space and more defined nose.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The features of the face appear to have a tighter grouping. The eyes appear to be asymmetric on both subjects but in non-similar ways. The features of the face appear to be lower on the unknown versus the known.
QFUJLW	Dissimilar	Both have features that are placed in the lower half of the face.
QKRZZB	Dissimilar	The distance from the hairline to the eyebrows between the probe and candidate appear to be dissimilar The intercanthal distance between the probe and candidate appears to be dissimilar.
QT8L8U	Similar	Placement of features on the face appear similar.
QY9X6C	Dissimilar	Distance from eyes to mouth appears to be somewhat similar, distance from nose to mouth appears to be somewhat longer in the known, distance between the eyes appears to be somewhat similar but hard to say since the known is wearing glasses
RJB49C	Dissimilar	Known candidates facial features are symmetric. Unknown candidate's face is more full on the right side as opposed to the left.

Image Set Q2: Table 4.2(c) - Face/Head Composition

WebCode	Observation	Feature Notes
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown image eyes/nose are located lower on the face.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	relative shape and size of the features on the face differ between subjects
UGXDTR	Dissimilar	the unknown's ears sit higher on the face relative to the known
VGDWFB	Dissimilar	
WK96YB	Similar	
X2TF24	Dissimilar	Approximate width of nose relative to eyes appears similar; approximate width of mouth relative to eyes appears wider in U; approximate distance from nose to upper lip relative to face length appears dissimilar; approximate distance from chin to lower lip relative to face length appears dissimilar; ear position relative to eyes, nose, and mouth appears farther down on K, may be due to pitch; eye position relative to face length appears more centered on U than K
Z9L8L3	Dissimilar	The are obvious differences in size and distance between features (nose, forehead, chin)
ZCKK6L	Dissimilar	configuration and alignment of the visible facial features are dissimilar with respect to each other and their location on the face, as the known's are more centered/ evenly distributed within the face, whereas the unknown's features are positioned on the lower 2/3rds of the face

Features Observations Response Summary - Q2 Face/Head Composition		Total Participants: 60
Response	Percent Reported	
Similar	13 (21.7%)	
Dissimilar	44 (73.3%)	
Inconclusive	1 (1.7%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q2: Table 4.2(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Tone of the unknown's hair is lighter. Texture of the hair is similar. Hairline is rounded on the known, straighter on the unknown. Greying on the left side on both known and unknown. Growth pattern is dissimilar, known has hair growing toward the forehead, more to the side on the unknown.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The hair's thickness, texture, and color are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Inconclusive	
6VNPYY	Dissimilar	Both subjects have short medium colored hair with some gray near temples, especially left side. Known hair has a growth pattern that flows forward to the forehead. Unknown has a growth pattern that flows from side to side across the top of the head.
8BND4V	Dissimilar	hair color of Unknown(2) appears slightly lighter than Known(1); left/right hairline of Known(1) appears to follow more consistent rounded curve closer toward ear while Unknown(2) appears to have slight peak
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	both have short hair with unknown having more balding in frontal hairline, side hairlines appear different other than both have greying on sides
9WM27B	Dissimilar	Hair color is darker in that of known vs unknown. Texture is dissimilar as is growth pattern. Hairline of unknown is more recessive than that of known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Hair: shape/spatial distribution, texture, symmetry, density, tonality; Hairline right side: shape; Hairline left side: shape Not comparable: (not visible in one or both images) Forehead hairline: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Dissimilar	Hairline right side, Hairline left side
A9BMPB	Inconclusive	Not really comparable due to possible age difference
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	different color and thickness
BGZVPT	Dissimilar	Different hair type and style, same receding lines
BVKBTR	Dissimilar	
BYKLNK	Similar	

Image Set Q2: Table 4.2(d) - Hair

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Known's hair texture is more coarse while the unknown's is more fine.
E2YXFT	Dissimilar	Different texture
E7JQ38	Dissimilar	Dissimilar hair style, length and balding pattern.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	similar texture, shape of hairline dissimilar, temporal peaks present in Unknown
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Similar texture and hairlines. Known appears to have hair that sticks out where the unknown has hair that does not. Color is different, possibly due to age difference between pictures
HVURP4	Dissimilar	Known has darker colored hair while the unknown has light brown/blondish color hair. The known has bangs pushed for word on the forehead while the unknown's hair is brushed off the forehead towards the side.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	receding hairline, coloring and line off
KCVE8G	Dissimilar	inconsistent in color, length, grooming. Unknown's hair is lighter in color, lighter in texture. The unknown's hairline is further back, closer to the top of the head than the known.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has slightly lighter hair but both have brunette colored hair with some greying at the temples.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The hairline appears to be more arced on the unknown. The hairline appears to be wider on the known. The hair color appears to be lighter on the unknown. The texture of the hair appears to be dissimilar.
QFUJLW	Dissimilar	Not similar in color. Known's appears darker. Similar in length. Both appear to be balding.
QKRZZB	Dissimilar	The hair color and texture of the hair appears to be similar. The hairline between the probe and candidate appears to be different.

Image Set Q2: Table 4.2(d) - Hair

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	Color, texture, density, hairline appears dissimilar.
QY9X6C	Dissimilar	Known hair color is darker and fuller, hairline is dissimilar around the forehead in shape/location, hairstyle is dissimilar
RJB49C	Inconclusive	Different hairstyles. Known has shorter hair. Similar greying of hair despite what appears to be an age disparity.
RTFBMC	Dissimilar	
T9A37R	[Not Reported]	Known image hair is darker and thicker in appearance.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	hair appears to be dark in color on both subjects - hairline differs, Unknown having a smaller hairline compared to the large wide angle of the Known hairline
UGXDTR	Dissimilar	similar areas of gray hair on the sides; similar overall color; hair texture appears different with the knowns being more thick in texture; the temporal hair peak growth pattern appears different in shape; the forehead hair growth pattern appears different in shape
VGDWFB	Dissimilar	Forehead hairline
WK96YB	Similar	
X2TF24	Dissimilar	Hair appears dissimilar in length and texture; appears similar in variation in tone on sides, however darker in color on top on K; hairline appears more rounded on U, temple peaks appear more defined on U
Z9L8L3	Dissimilar	Known has shorter brown hair and unknown has light brown. The style and how it grows in is different in both
ZCKK6L	Dissimilar	both have short hair, however the texture dissimilar, as the unknown's appears to be softer and thinner along the forehead line; the known's is darker and appears to be more textured; the greying along the temples is similar; growth directionality is dissimilar, as the known's grows to the left whereas the unknown's grows to the right

Features Observations Response Summary - Q2 Hair		Total Participants: 61
Response	Percent Reported	
Similar	9 (14.8%)	
Dissimilar	46 (75.4%)	
Inconclusive	4 (6.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q2: Table 4.2(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns' forehead protrudes more. Knowns forehead is wider.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The forehead's width and length are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown forehead is much taller than known.
8BND4V	Dissimilar	relative height of forehead of Unknown(2) longer than Known(1); relative width of forehead appears slightly wider for Known(1) than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Known appears to have a more rounded forehead while unknown appear flattened out but contoured more toward brow ridge area, frontal in positions, depth, and curvatures are different between know and unknown
9WM27B	Dissimilar	Forehead of known is taller and thinner than that of unknown. Known has a more protrusive forehead than unknown.
A4GTRA	[Not Reported]	Similarities: Brow ridges: prominence, continuity Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Forehead shape: relative height, relative width, slope/contour
A8F4MA	Dissimilar	Forehead shape
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk person has much larger forehead. Not as wide either
BGVPT	Dissimilar	Unknown has much larger forehead area
BVKBTR	Dissimilar	seems higher on unknown, more marks not visible on both.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Unknown's forehead is longer than the known's
E2YXFT	Dissimilar	Longer on unknown image, whereas wider on known image, different hairline and brow ridges

Image Set Q2: Table 4.2(e) - Forehead

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar forehead width, side hairline shape and balding pattern.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Unknown forehead taller, known forehead wider
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has a shorter, wider forehead
HVURP4	Dissimilar	The unknown's forehead is longer and narrower than that of the known. Also, there are 2 definitive frontal creases visible on the unknown while the known appears to have 1 frontal crease visible.
J4778Z	Dissimilar	longer forehead and different lines
JEFCV2	Dissimilar	may be due to receding hairline, point in known not present in unknown
KCVE8G	Dissimilar	the unknown's forehead is higher than probe and oval in shape, inconsistent with the shape of the known's round forehead. Inconsistent creases.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a larger forehead with 2 prominent facial lines and a receding hairline with facial markings scattered over top and front of forehead like sunspots. K has facial lines in different positions than Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The forehead appears to be taller and less wide on the unknown. The middle of the forehead appears to be more indented on the unknown.
QFUJLW	Dissimilar	Forehead is not similar in length/width/shape. Known's forehead is wider. Unknown's is longer. Frontal lines are not similar in quantity/size/shape/location.
QKRZZB	Inconclusive	The probe looks to have a larger forehead compared to the candidate. The shape of the forehead between the two images appears to be dissimilar.
QT8L8U	Dissimilar	Unknown's forehead appears to have more height while the known image's forehead appears to have more width.
QY9X6C	Dissimilar	Unknown forehead is longer in height, width is wider in the known, frontal lines are not in the same location/size, both have marks throughout forehead that are not in the same location/size/shape, brow ridge appears to come up higher in the unknown
RJB49C	Inconclusive	Both known and unknown have high forehead. Unknown has more skin discoloration, possibly due to age.

Image Set Q2: Table 4.2(e) - Forehead

WebCode	Observation	Feature Notes
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image forehead is wider and shorter than that of the unknown image.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZZ	Dissimilar	
U8BE68	Dissimilar	foreheads differ in height and width - Unknown appears taller and thinner with more frontal lines compared to Known
UGXDTR	Dissimilar	the unknown's forehead is much more taller in length/height; the unknown has two prominent frontal lines that are not similar to the known
VGDWFB	Dissimilar	Relative height
WK96YB	Dissimilar	
X2TF24	Dissimilar	Forehead appears dissimilar in relative height, taller in U; appears wider in K; slope appears dissimilar in both; brow ridges appear more defined in K
Z9L8L3	Dissimilar	Forehead is longer and slightly rounded near the top in unknown and there are creases present that are not present in known.
ZCKK6L	Dissimilar	contour and musculature is dissimilar as the unknown's is curved to a greater degree and musculature is more prominent whereas the known's is slightly curved and the musculature is insignificant; the known's is wider and shorter whereas the unknown's is narrower, taller, and more domed shaped; the known has a singular faint, short, frontal line that spans from the medial end of the left brow to the center of the right brow, whereas the unknown has two parallel, more prominent frontal lines that span the width of the forehead; the unknown also appears to have some sort of raised skin colored mark/ scar beneath the lower frontal line whereas the known doesn't

Features Observations Response Summary - Q2 Forehead		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	0 (0.0%)
	Dissimilar	60 (96.8%)
	Inconclusive	2 (3.2%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q2: Table 4.2(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Eyebrows are closer on the unknown. Growth pattern is dissimilar; tails of the brows are very faint on the unknown. Tail of the eyebrows end in different locations. Knowns eyebrows are thicker.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The eyebrows' shape and the density of the hair within the eyebrows are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Neither subject has much eyebrow hair, it is thicker near the centers and thinner on the ends. Poor quality to accurately compare eyebrows on unknown.
8BND4V	Dissimilar	Known(1) appears to have rounder curve to eyebrows; Unknown(2) has finer/fainter hairs to eyebrows, appears to curve higher than Known(1) toward lateral end; lateral end of left eyebrow relative to left lateral canthus appears before canthus of Unknown(2)
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	different starting positions at medial ends, different growth patterns, and curvatures
9WM27B	Dissimilar	Both have thin eyebrows, however, the growth pattern and grooming is different, as is the vertical end position of lateral and medial eyebrow relative to the lateral and medial canthus'
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Shape; Size; Position; Density of hair; Hair details; Asymmetry Not comparable: (not visible in one or both images) Conjoined
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Inconclusive	Similar tilt at least right side. Less defined on unknown. Possibly affected by image quality and ageing
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	shape is different
BGVPT	Similar	Both are faint and thin
BVKBTR	Dissimilar	much thinner on unknown, and seem to start in different places between the two.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q2: Table 4.2(f) - Eyebrows

WebCode	Observation	Feature Notes
D2JEVW	Dissimilar	
D3D3DQ	Unable To Compare	Glasses partially cover eyebrows of the known. Eyebrows of the unknown are barely visible in the image - could be that they are so light in color, but can also be due to the quality of the image.
E2YXFT	Dissimilar	Shape and texture is different
E7JQ38	Dissimilar	Dissimilar eyebrow shape, size, distribution and asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	eyebrows are subtle in Unknown, hair density dissimilar
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown barely has eyebrows. Unknown's eyebrows jump up in the middle
HVURP4	Dissimilar	Both have light in color brows but the unknowns are sparser with less hair growth and the arch on the outer portion of the unknowns is sharp upwards.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	thickness, curve, and flow differs between images
KCVE8G	Dissimilar	inconsistent in shape, texture, thickness
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Inconclusive	Unk has worse quality and barely visible eyebrows, both appear to have slightly darker medial edges to brows but otherwise shape and length are not comparable and K has glasses blocking part of the brows.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The right eyebrow appears to be fuller and more arced although this could be due to aging or health factors. The right eyebrow appears to be higher on the known. The left eyebrow appears to be more asymmetric on the unknown.
QFUJLW	Dissimilar	Not similar in shape/size/contour. Similar in color.
QKRZZB	Dissimilar	The growth pattern of the eyebrows appears to be dissimilar. The candidate appears to have more of their eyebrows compared to the probe.
QT8L8U	Dissimilar	Density, color, and grooming appear dissimilar.

Image Set Q2: Table 4.2(f) - Eyebrows

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Shape/size/thickness/color/distance apart all appear to be dissimilar, the unknown appears to have lighter color eyebrows, vertical glabellar lines are more visible in the known than in the unknown and in different locations
RJB49C	Dissimilar	Known appears to have more brow hair with fairly level brow that curve down on the outside edge. Unknown has thinner brown which appears to raise on the outer edge.
RTFBMC	Inconclusive	glasses present in known image, poor image quality of unknown
T9A37R	Similar	Both images have sparse eyebrow hair.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	brows of the Known appear to be more full as well as flater in angle along the brow ridge
UGXDTR	Dissimilar	growth and overall shape are not similar; there are areas towards the medial portion of the face that have a similar growth pattern, but are different laterally
VGDWFB	Dissimilar	Vertical and position of medial eyebrow relative to the medial canthus
WK96YB	Similar	
X2TF24	Dissimilar	Eyebrows are dissimilar in thickness, shape, texture, where the left eyebrow begins and ends, where the left eyebrow ends laterally, and distance apart
Z9L8L3	Dissimilar	Eyebrows are thin but longer in known. Unknown's do not appear to have grown in fully
ZCKK6L	Dissimilar	the brow shape is dissimilar as the known's are both rounded and follow the curvature of the eyes, whereas the unknown's right is rounded whereas the left is a unique angular shape; the brows are similarly thicker at the medial ends, however the unknown's become more sparse at the lateral ends; both have relatively short brows, however the unknown's are more compact; the unknown's medial ends are located at a closer proximity to the medial canthi than the known's; the unknown has a small facial mark adjacent to the lateral end of the right brow that is not visible on the known either due to not being present on the obstruction of the glasses

Features Observations Response Summary - Q2 Eyebrows		Total Participants: 61
	Response	Percent Reported
	Similar	9 (14.8%)
	Dissimilar	45 (73.8%)
	Inconclusive	5 (8.2%)
	Unable to Compare	2 (3.3%)
	Not Applicable	0 (0.0%)

Image Set Q2: Table 4.2(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Folds of the upper eyelids are dissimilar, can see crease on the known but not on the unknown. Shape of the eyes are dissimilar, more almond shaped on the unknown. Shape of the left and right medial canthus is longer and more pronounced on the known.
3UFTE6	Similar	
44J8XH	Inconclusive	
474EX6	Dissimilar	One of the individual's eyes are bigger and has superior palpebral creases.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Eye shape is not similar. Unknown right eye is smaller than left eye. Known eyes are similar in size. Unknown eye lids are very hooded.
8BND4V	Dissimilar	shape of crease above eye toward left/right lateral canthi for Unknown(2) have flatter/lower curve than Known(1) which appears rounder/higher relative lateral canthi; left inferior palpebral crease of Unknown(2) appears slightly more prominent and curves rounder and lower than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	eye shapes are different, medial canthi shapes are different, eyelid shapes are different, under eye line positions and curvatures are different,
9WM27B	Dissimilar	Eye color is dissimilar. Shape of eye fissure is dissimilar. Visibility of eyelids is dissimilar. Shape and angle of medial canthus' as well as lateral canthus' are dissimilar.
A4GTRA	[Not Reported]	Similarities: Eyeball prominence Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Inter-canthal distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow; Sclera: visibility; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry Not comparable: (not visible in one or both images) Interpupillary distance
A8F4MA	Dissimilar	Inter-canthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Inconclusive	"Slimmer" fissures on unknown. Possibly affected by ageing. Hard to compare colour
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	shape under eye is different
BGVZPT	Dissimilar	Shapes are different

Image Set Q2: Table 4.2(g) - Eyes

WebCode	Observation	Feature Notes
BVKBTR	Dissimilar	shape of eyelids different
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Unknown's eyes are more hooded while eyelids of known can be observed.
E2YXFT	Dissimilar	Different overall shape, dropping eyelids on unknown image
E7JQ38	Dissimilar	Dissimilar eye and fissure shape, angle and asymmetry, iris tone, medial and lateral canthus shape and size.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Unknown eyes are more hooded than Known's. Inner canthus shape/length dissimilar, especially on left eye.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a large epicanthic fold on both eyes. Known has a more narrow medial canthus. Known also has a superior palpebral crease on both eyes.
HVURP4	Dissimilar	Both have narrow eye shape but the unknow has more of an overhang of the upper lid across the eyes which makes less of the eye visible. Distance from lid to brow is further in the unknow image. The canthus of the known image is more elongated and pointier.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	lids vary between images, more creases in known, creases not similar
KCVE8G	Dissimilar	upper eyelid of unknown is heavier than known. similar eye color. known's eyes are larger than candidate. Probe is wearing glasses
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Color is indistinguishable thanks to quality, Unk has deeply hooded eyes, K has visible lid under superior palpebral creases.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The fissure of the eye appears to be thinner and less rounded on the unknown. The medial canthi appear to be shallower on the unknown. The upper eyelid does not appear as prominent on the unknown. The eyes appear to be wider on the unknown. The eyes appear to be more asymmetric on the unknown.

Image Set Q2: Table 4.2(g) - Eyes

WebCode	Observation	Feature Notes
QFUJLW	Dissimilar	Not similar in shape/contour. Medial canthus is not similar in shape/length. Known's is longer. Lateral canthus is similar in shape. Superior palpebral creases are not similar in shape/length. Inferior palpebral creases are not similar in size/location. Periorbital creases are not similar in quantity/shape/size
QKRZZB	Dissimilar	The shape of the medial and lateral canthus of the left and right eyes between the probe and candidate appears to be dissimilar. The shape of the eye fissure appears to be dissimilar as well.
QT8L8U	Dissimilar	Shape of the medial and lateral canthus, upper eyelid presence, fissure, lower eyelid all appear dissimilar.
QY9X6C	Dissimilar	Unknown eyes are more smaller in height and wider in width, the known eyes appear to be more round, medial and lateral canthus are dissimilar in size/shape, eyelids are visible in the known but not the unknown, periorbital creases are dissimilar in size/shape/how many, the known periorbital creases slant downwards and the unknowns are more straight across, inferior palpebral creases are dissimilar in size/shape/location, super palpebral creases are visible in the known but not the unknown, more of the sclera is visible in the known image, mark near the right periorbital creases on the unknown that is not visible in the known
RJB49C	Dissimilar	Eye shapes are similar. Unknown has no folds visible on upper lids, whereas known does. Creases on outer corners differ between candidates.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Upper eyelid of known image is slightly visible while not visible on the unknown image.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	superior palpebral crease of the Unknown appears to have more overhang over the eyes, the crease of the Known appears to be more prominent in the lateral canthus region. Periorbital creases of the Known appear to be more prominent
UGXDTR	Dissimilar	the overall shape appears different; the known has more prominent superior palpebral creases than the unknown; the inferior palpebral and crows feet creases appear different in prominence, location and shape; the shape of the medial and lateral canthi appears different
VGDWFB	Dissimilar	Superior palpebral crease-change in iris color
WK96YB	Similar	
X2TF24	Dissimilar	Overall shape and size of eyes dissimilar; eyeballs more prominent in K; medial canthi appear to extend farther inward on K; more hooded in U; superior palpebral creases appear dissimilar in shape and prominence; upper eyelid appears larger on K; intercanthal distance appears wider on U; interpupillary distance appears somewhat wider in K; inferior palpebral creases appear dissimilar in shape and depth; periorbital creases appear longer in U, more prominent in K, dissimilar in quantity, and appear farther down in K; iris color appears it may be different, this could be due to lighting
Z9L8L3	Dissimilar	Known has brown eyes, unknown's look slightly light but hard to tell. Unknown has hooded eyes that cover the eyelids. Known has hooded eyes, but not as prominent as you can see the eyelids.

Image Set Q2: Table 4.2(g) - Eyes

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	approx. intercanthal distance is similar; both have hooded eyelids, however the unknown's are hooded to a greater degree than the known's and the known's are thicker; the shape of the eyes are dissimilar as the known's upper eyelid is rounded, the fissure opening is larger, and more sclera is visible, whereas the known's upper eyelid is more of a subtle rounded shape that has a gradual downward slope; the known's medial canthi are more elongated and prominent; the unknown's inferior palpebral creases are rounded whereas the known's are gradual sloping shape; the periorbital creases are dissimilar in length, quantity, directionality, and prominence

Features Observations Response Summary - Q2 Eyes		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	5 (8.1%)	
Dissimilar	54 (87.1%)	
Inconclusive	3 (4.8%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q2: Table 4.2(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Cheeks appear to be similar in size.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The cheekbones of one individual is more prominent than the other individual.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Weight gain in known makes face much fuller including cheeks and not much definition.
8BND4V	Dissimilar	overall shape of cheeks appear slightly wider/rounder for Known(1)
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	cheek shapes are different, contouring down through cheeks are different with unknowns sinking in a bit in medial middle of cheeks
9WM27B	Dissimilar	Height and fullness of the cheeks is dissimilar - that of unknown is higher and more full than that of known.
A4GTRA	[Not Reported]	Similarities: Cheekbone prominence Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Cheek shape Not comparable: (not visible in one or both images) Dimples
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	cheek shape is different. Fuller for known
BGZVPT	[No observations reported for this feature.]	
BVKBTR	Dissimilar	cheeks wider on known, puffier on unknown and higher
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Similar	
D3D3DQ	Dissimilar	Cheek bones, specifically the "apples" of the cheeks, of unknown are more visible than the known.
E2YXFT	Dissimilar	Chubbier on known image

Image Set Q2: Table 4.2(h) - Cheeks

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar cheek soft tissue fullness and minimal bone prominence.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Dissimilar	dissimilar shape/size/fullness
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Similar size and shape. Unknown has a second crease on the left cheek around where a dimple would be located
HVURP4	Dissimilar	Cheek and jawline are fuller and more squatty on the known image than the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	more defined in unknown, creases throughout vary in both images
KCVE8G	Dissimilar	both have deep nasolabial folds, unknown's cheeks stick out/are more rounded/defined than probe. Skin on candidate's cheeks is thinner than probe
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	[Not Reported]	Unk has more forward prominent cheeks with a rosy complexion compared to K. There is a visible weight difference with K having fuller lower cheeks that appear wider near the gonial angle. K has a faint facial mark on L zygomatic bone area.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The cheekbones appear to be more prominent on the unknown. The general size of the cheeks appears to be bigger on the known however this could be due to changes in weight or health.
QFUJLW	Dissimilar	Both are flat. Not similar in width.
QKRZZB	[Not Reported]	The probe appears to have a bit fuller cheek compared to the candidate.
QT8L8U	Dissimilar	Cheek bones on the unknown appear higher than that of the known.
QY9X6C	Dissimilar	Unknown cheeks are longer and narrower, the known cheeks are more round and shorter, cheeks on the unknown are redder in color, freckles on the known cheeks that are not on the unknown, marks on both but not in the same location or size
RJB49C	Dissimilar	Cheeks are dissimilar in that known candidate has less pronounced cheeks than unknown.
RTFBMC	Dissimilar	

Image Set Q2: Table 4.2(h) - Cheeks

WebCode	Observation	Feature Notes
T9A37R	Similar	Both images lack protrusion.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	cheeks of the Unknown appear to be more prominent and full
UGXDTR	Similar	similar fullness to the cheeks and location of cheekbones
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Dissimilar	Zygomatic bones appear more prominent in U; soft tissue appears fuller in K
Z9L8L3	Dissimilar	Cheek's are chubbier in known, more pronounced cheekbones in unknown.
ZCKK6L	Dissimilar	the square-like shape is similar, however the known's are flatter and larger in surface area; the unknown's bulge more so along the cheekbone; the known has a prominent buccal crease on the left cheek that the unknown doesn't have

Features Observations Response Summary - Q2 Cheeks			Total Participants: 58
	Response	Percent Reported	
	Similar	13 (22.4%)	
	Dissimilar	41 (70.7%)	
	Inconclusive	2 (3.4%)	
	Unable to Compare	1 (1.7%)	
	Not Applicable	1 (1.7%)	

Image Set Q2: Table 4.2(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Tip of the known nose is more bulbous. Length and width of the nasal body is dissimilar. Curvature of the nostrils is dissimilar, more slanted on the unknown.
3UFTE6	Inconclusive	
44J8XH	Dissimilar	
474EX6	Dissimilar	The shape of the nasal tip is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Overall shape is dissimilar between two subjects.
8BND4V	Dissimilar	nose appears to have slightly more lifted angle slightly to left for Known(1) while Unknown(2) appears to have slight right angle; nasal tip appears thinner for Unknown(2); ala appear slightly more lifted for Known(1) than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	shape and contouring down through body of nose is different, nasal tip shape ala shapes, and nostril shapes are all different
9WM27B	Dissimilar	Overall shape, length and width of nose is dissimilar. Nasal body of unknown is thinner than that of known. Columella shape and size is dissimilar. Thickness and shape of alae are different. Shape of nostrils are dissimilar. known has a more bulbous nasal tip.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Nasal outline: shape, length, width, prominence; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape; Columella: width, relative position; Asymmetry and deviation Not comparable: (not visible in one or both images) Nasal root: width, length, shape, depth, angle; Nostrils: size; Columella: length
A8F4MA	Dissimilar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose)
A9BMPB	Dissimilar	Unknown slight deviation to the right? And more defined transition from mid to lateral part. Possibly affected by light.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	nostrils dissimilar, tip is rounder for known
BGZVPT	Dissimilar	Known has a rounder, wider tip
BVKBTR	Dissimilar	nose shape more rounded on one.
BYKLNK	[No observations reported for this feature.]	

Image Set Q2: Table 4.2(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	bridge, size, nostrils, columella and alae differ
D3D3DQ	Dissimilar	While the length and width are similar, the top of the nose is more pronounced along the length in the unknown than the known.
E2YXFT	Dissimilar	Tip of the nose on unknown image is pointing to the right
E7JQ38	Dissimilar	Dissimilar nose body, tip and alae shape and size.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	somewhat similar overall shape and size. Angle of nose is different.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a nasal body that widens in the middle. Known has a round nasal tip
HVURP4	Dissimilar	known image has a wider rounded bridge with an upturned thicker tip and nostrils. Also, the tip appears to turn slightly towards the right on the known image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	unknown wider bridge and nostril, curve to different sides, not similar shape
KCVE8G	Dissimilar	similar in length, placement and triangular shape but unknown's nose is pointier than known's nose. Known's nostrils are larger and curve upward and the known's columella is lower and more prominent than unknown.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a R skew to nasal body toward the tip with a more defined nasal body. Nostrils are UC. Unk appears to have a longer nose than K.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The nasal root appears to be indented on the unknown however this is hard to compare due to the glasses on the known. The nasal body appears to be more protruded and angled on the unknown. The nasal tip appears to be more upturned on the known.
QFUJLW	Dissimilar	Nasal body is not similar in thickness/shape/contour. Nasal root is similar in width. Nasal tip is not similar in shape. Ala are not similar in shape/size/thickness. Known's are thicker. Nostrils are not similar in size/shape. Columella is not similar in thickness/shape

Image Set Q2: Table 4.2(i) - Nose

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	The candidate appears to have a more rounded nasal tip while the probe's nasal tip comes to more of a point. The shape of the nostrils between the probe and candidate appears to be dissimilar. The thickness of the alae between the two images appears to be dissimilar. The shape of the nasal base appears to be different.
QT8L8U	Dissimilar	Nasal body on unknown is thinner with several bumps out, knowns is more smooth and straight. Nasal tip on the unknown is more pointy and rigid while the known is more bulbous and round. shape of the alae appears similar but the thickness is unknown due to angle of the face.
QY9X6C	Dissimilar	Unknown nose has more of a red tint than a natural color, across the bridge near the nasal root there is a white strip on the unknown, tip of the nose on the unknown comes to more of a point where the known is more rounded, nasal base appears to be wider in the unknown, the ala appears to be thicker in the known, length appears to be shorter in the unknown, nasolabial folds are dissimilar in shape/size, the known nasolabial folds are closer to the mouth where the unknown is further away, nostril shape is round in the known, the unknown nostrils are not as visible due to head tilt therefore cannot compare, columella is also not visible in the unknown due to head tilt therefore cannot compare
RJB49C	Dissimilar	Known has a more full nose with somewhat bulbous tip. Unknown has slimmer central structure.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image has upward turned nostrils while the unknown image does not.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	nasal body of subjects appear to be similar - alae of the Known appear to flare upward more than Unknown - nasal tip of Known appear to be more rounded - nasolabial folds of the Unknown appear to be more prominent from nose to mouth
UGXDTR	Dissimilar	similar nasal root width; the bridge of the unknown's nose appears more prominent with more definition between it and the rest of the nasal body; similar nasal tip width; the known's tip appears more bulbous in shape; the known appears to have more round shaped nasal alae than the known's whose look more sharp
VGDWFB	Dissimilar	Nasal body width, length, shape
WK96YB	Inconclusive	
X2TF24	Dissimilar	Nasal root appears to be more shallow in U; nasal body appears wider in U; nasal base appears wider in U; alae dissimilar in thickness; nasal tip is more bulbous and rounded in K; nostrils appear larger in K
Z9L8L3	Dissimilar	Unknown's nose is longer. Nasal tip is larger on known, nostrils appear bigger but could be due to camera angle.

Image Set Q2: Table 4.2(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	nasal root can't be compared due to the coverage of the known's glasses; nasal body width and length appear to be similar, however the shape is dissimilar as the known's is relatively straight whereas the unknown's is subtly curved to the right; nasal base width is similar, however the known's nasal tip is more bulbous and the alae are thicker and rounder; left nasolabial line is somewhat similar in length, shape, and proximity whereas the right one is dissimilar as the known's is longer and curves around the corner of the mouth whereas the unknown's ends above the corner of the mouth

Features Observations Response Summary - Q2 Nose			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.6%)	
	Dissimilar	58 (95.1%)	
	Inconclusive	2 (3.3%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	0 (0.0%)	

Image Set Q2: Table 4.2(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Curvature of the left and right helix is dissimilar, unknowns left ear has a point at the top. Right ear slants outward toward the upper part on the unknown, more rounded on the known. Lower part toward the earlobe curves inward on the known, more rounded on the unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The shape and position of the ears are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Only upper portion of known ears are visible. The majority of unknown ears visible. Both subjects are relatively looking straight at the camera and you should therefore be able to see approximately the same amount of ear for both.
8BND4V	Dissimilar	lobe appears to have more rounded protruding shape for Known(1) not present for Unknown(2); curve of upper left helix of Known(1) appears to follow more consistent rounded curve while Unknown(2) appears to curve to slight point before continuing curve; shape of protrusion of right antihelix appears flatter for Known(1) than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	position at which they sit on head are different, protrusions from head of both ears are different, helix shapes at top are different, earlobe shapes are different
9WM27B	Dissimilar	Placement of ears in relation to other facial features is dissimilar. Overall shape and size of ears is dissimilar. Left and right helix thickness and shape is dissimilar. Ear lobe protrusion and shape is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Antihelix: size, shape; Lobe: size, shape – partial Not comparable: (not visible in one or both images) Tubercles: size, shape, quantity; Crus of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Dissimilar	Overall right ear, Overall left ear, Right and left ear helix, Right and left ear lobule (lobe)
A9BMPB	Dissimilar	lobes are different. Top part of helixes are different
AE2ZQY	Unable To Compare	
AQVDNB	Dissimilar	

Image Set Q2: Table 4.2(j) - Ears

WebCode	Observation	Feature Notes
BF6CMR	Dissimilar	lobes differ. Ears are lower on head for known.
BGZVPT	Dissimilar	Unknown ears are set above the eyeline, knowns are below the eyeline
BVKBTR	Dissimilar	ears seem way higher on one to other
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	helix, lobes, shape and size differ
D3D3DQ	Dissimilar	Known's ears appear to sit lower and the tips appear to stick out more from the head than the unknown's.
E2YXFT	Dissimilar	Protruding earlobes on known image
E7JQ38	Dissimilar	Dissimilar left upper helix, antihelix and scaphoid fossa shape and size and lobe shape. Unknown: left ear tubercle not visible in Known.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	dissimilar right upper helix; Unknown has small tubercle on upper helix (more prominent on left ear). Known's ear lobes angle outwards.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Known has lobes and helices that stick out where the unknown's are flatter against the head.
HVURP4	Unable To Compare	The outer lobe of the known image appears to be fuller and turns outward away from the head.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	limited available in known image, dip in lobe on both sides visible in known which doesn't appear to be present in unknown
KCVE8G	Dissimilar	The top/helix of knowns ears curve outward, unknown's helix are closer to the side of the head and known's earlobes protrude further from the head.
KRVVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Different. K has a protruding lower fleshy lobe and upper helix sits further away from head than Unks.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Not Applicable	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The superior portion of the right ear helix appears to be thicker and more rounded over in the known. The lobe appears to be more bulbous on the known. The left ear appears to have the same dissimilarities as the right.

Image Set Q2: Table 4.2(j) - Ears

WebCode	Observation	Feature Notes
QFUJLW	Dissimilar	Helix is not similar in shape/contour. Anti-helix not similar in shape/contour. Lobe is not similar in shape/size/contour.
QKRZZB	Dissimilar	The ears of the candidate appear to protrude farther from the head compared to the probe. The shape of the helix between the probe and candidate appears to be dissimilar. Not much more the ear can be compared on the candidate.
QT8L8U	Inconclusive	placement on the face in reference to the eyes and nose appears dissimilar
QY9X6C	Dissimilar	Ear placement on the unknown is higher, size is smaller on the known, shape is dissimilar, helix is thicker in the known, shape of the helix is dissimilar – the known is more round, scaphold fossa is larger in the known, the right ear isn't fully visible in the known due to angle, ear lobes are larger in the unknown, antihelix is visible in both but due to the angles it is hard to say for certain but it appears to be thicker in the known on the left ear
RJB49C	Dissimilar	On known, upper portion of ears protrudes slightly and lobes protrude. Unknown candidates ears seem to be more flush with no protruding lobes.
RTFBMC	Inconclusive	not fully visible
T9A37R	Dissimilar	Known image lobes have an outward projection.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	most of the ears are not visible - what can be seen appears to differ in shape
UGXDTR	Inconclusive	difficult to fully compare due to pose/image capture; the known has more round and defined lobes that stick out from the rest of the ear/head; the shape of the upper helix appears different
VGDWFB	Dissimilar	The ears bigger
WK96YB	Similar	
X2TF24	Dissimilar	Ears appear larger in size in U; appear to sit farther up on head in U; shape and thickness of helix at top of left ear appears dissimilar; antihelix appears thicker and more protruded in K on left ear; left lobe appears dissimilar in shape and protrusion; right ear appears more protruded in U; antihelix appears to protrude farther out in K on right ear; lobe appears dissimilar from what is visible, helix appears dissimilar on top of right ear
Z9L8L3	Dissimilar	Known's ear lobes stick out slightly where unknown's appear attached at the base. Unknown has longer ears as well.
ZCKK6L	Dissimilar	shape, size, and location on the face is dissimilar; the tops of the known's ears align with the lateral corners of the eyes whereas the unknown's lateral corners of the eyes align with the middle of the ears; the degree of protrusion is dissimilar, as the knowns almost hug the face and the upper portion of the helix protrudes/ flip away from the face, whereas the unknown's protrude to a very small degree; the known's lobes and overall characteristics are rounded and thicker whereas the unknown's are straighter in shape and are thinner

Features Observations Response Summary - Q2 Ears		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	6 (9.7%)	
Dissimilar	48 (77.4%)	
Inconclusive	4 (6.5%)	
Unable to Compare	3 (4.8%)	
Not Applicable	1 (1.6%)	

Image Set Q2: Table 4.2(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Lips are thin on known and unknown. Unknowns upper lip is more slanted. Left marionette line is prominent on the unknown, not on the known. Philtrum on the known, not found on the unknown. Upper vermilion border also found on the known, not found on the unknown.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	One of the individual's mouth shape is asymmetrical.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both mouths are slightly open exposing the upper teeth. Unknown lips are thinner, smile is lopsided with left side lower.
8BND4V	Dissimilar	upper/lower lip of Unknown(2) appear slightly thinner; Known(1) upper lips appear to have slightly more symmetrical bow shape while Unknown(2) appears thinner toward left side of mouth
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	lip shapes, end of mouths and mouth fissure are all different
9WM27B	Dissimilar	Overall shape and size of mouth is dissimilar. Upper vermilion boarder shape is dissimilar. Upper and lower lip thickness and protrusion is dissimilar. Mouth fissure is dissimilar. Asymmetry observed in unknown is not visible in known. Shape and placement of visible teeth including the imperfection seen in the front left tooth of known is not observed in that of unknown.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Lip fissure: shape, degree of contact, angle; Asymmetry; Characteristic detail of teeth: shape, size Not comparable: (not visible in one or both images) Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Mouth abnormalities
A8F4MA	Dissimilar	Upper lip, Lower lip, characteristic detail of teeth
A9BMPB	Dissimilar	Different teeth, right lateral incisor
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	smile is crooked for unknown. Opening is different shapes
BGVZPT	Dissimilar	Thinner mouth on Unknown

Image Set Q2: Table 4.2(k) - Mouth

WebCode	Observation	Feature Notes
BVKBTR	Dissimilar	resemblance but unknown slant not on known,
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVV	Dissimilar	upper vermillion border differ
D3D3DQ	Dissimilar	Cupid's bow observed in the known but not in the unknown. Unknown has more of a crooked grin.
E2YXFT	Dissimilar	Lip fissure and slight asymmetry is visible on unknown image, teeth are different
E7JQ38	Dissimilar	Dissimilar mouth, fissure, lips and teeth shape and size.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar size/shape/fullness. Philtrum appears more prominent in Known (could be due to lighting)
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Known has a visible philtrum. Unknown has a thin upper lip and a lip fissure that is wider on the right side
HVURP4	Inconclusive	Unknown image mouth shape tilts diagonally which the known does not. The upper lip on the known image appears slightly fuller/thicker than that of the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	more cupid's bow visible in known, thickness varies between two images
KCVE8G	Dissimilar	Both have an open mouth smile exposing the teeth. The teeth are inconsistent in placement. Right corner of the unknown's mouth turns up while the left corner is more straight. Unknown's lips are thinner than known.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Difference in expression. Unk has wider set nasolabial creases away from corners of mouth and barely visible vermillion borders. K has more symmetrical expression and facial lines. K's two front teeth protrude more than Unks.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q2: Table 4.2(k) - Mouth

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The upper lip appears to be thinner on the unknown. The right of the upper lip appears to be irregular on both subjects. The lower lip appears to be more prominent on the known. The teeth appear to have a different shaping.
QFUJLW	Dissimilar	Vermillion border is not similar. Lips are similar in size/thickness. The right side of the Unknown's mouth is higher up than the left during unnatural facial expression. Philtrum is not similar in shape/size. Teeth are not similar in shape.
QKRZZB	Dissimilar	The shape of the teeth between the probe and candidate appears to be dissimilar. The mouth fissure of the probe and candidate appears to be different. The candidate appears to have a fuller upper lip compared to the probe.
QT8L8U	Dissimilar	thickness of the lips appears similar, but the fissure, shape of the upper vermilion boarder, teeth appear dissimilar.
QY9X6C	Dissimilar	Both have mouth open with teeth showing, the known mouth appears to be open wider and the teeth more visible, from whats visible the front teeth shape does not appear to be similar, marionette lines are dissimilar in shape/size, the right side of the known mouth appears to droop more, lips are thinner in the unknown, philtrum has a crease down the center in the known where the unknown does not, bottom vermilion border appears to be darker in the known, fissure of the mouth is dissimilar
RJB49C	Inconclusive	Similar mouth shape. Unknown's mouth opens less at left corner. Teeth are visible on both, but not enough on unknown for comparison.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image mouth fissure is more rounded and symmetrical than unknown image.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	general fullness of the lips appear to differ - mentolabial sulcus appears present on Known and not on Uknown - buccal creases appear to be more prominent on the Uknown
UGXDTR	Inconclusive	similar mouth size; similar fullness to the lips; the upper lip shape appears similar; the unknown appears to have a more prominent downward shaped crease on the left side of the mouth
VGDWFB	Dissimilar	Shape Upper lip, lip fissure (corners /angles of mouth
WK96YB	Inconclusive	
X2TF24	Dissimilar	Distance from nasal base to upper vermilion border appears longer in U, may be due to pitch change; upper vermilion border dissimilar in shape; upper lip appears fuller in K; lower lip appears fuller in U; lip tone and texture appear dissimilar; asymmetry appears dissimilar; lower border appears more defined in K; mentolabial sulcus appears more defined in U; two front teeth appear to be a bit more protruded in K, general size of what is visible in U appears similar, color appears dissimilar of teeth
Z9L8L3	Dissimilar	Known's two front teeth are longer that other teeth. Unknown's appear to be the same length. Small scar on lower lip of known/not present in unknown. Lips are also different

Image Set Q2: Table 4.2(k) - Mouth

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	overall size appears to be similar, however lip thickness is dissimilar, as the known's are thicker; shape of the bottom lip is similar, however the upper lip shape is dissimilar, at the known's alas are more rounded and defined in shape, whereas the unknown's alas aren't defined and run together, appearing to be straight across; fissure shape is dissimilar, as the known's is wider and more symmetrical; more of the known's teeth are visible; known appears to have a scar along the lower vermillion border, that the unknown doesn't have; unknown has a prominent mentolabial sulcus whereas the known doesn't

Features Observations Response Summary - Q2 Mouth		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	9 (14.8%)
	Dissimilar	46 (75.4%)
	Inconclusive	6 (9.8%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q2: Table 4.2(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns chin is rounded; unknowns is more squared. Mentolabial sulcus is prominent on the unknown, not found on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	One of the individual's chin and jawline resembles slightly that of a Habsburg jaw.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Weight gain in known makes face much fuller including around the jaw line. Known chin is slightly wider.
8BND4V	Dissimilar	chin has rounder shape/curve of Known(1) than Unknown(2)
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	gonial angles are different, chin shapes are different with known having a more rounded chin than unknown, unknown has jowly jawlines, chin protrusion appears different,
9WM27B	Dissimilar	Chin of unknown is more bulbous and round than that of known. Mentolabial sulcus observed on unknown is not visible on known. Gonial angle and jaw line is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Dissimilar	chin, Gonial angle
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known has larger, rounder chin
BGZVPT	Dissimilar	Known has rounder jaw with a round chin; unknown is slightly squared
BVKBTR	Dissimilar	chin much skinnier on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEV	Dissimilar	
D3D3DQ	Dissimilar	Known's chin is more round while the unknown's is more square.

Image Set Q2: Table 4.2(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Chin seems more protruding and jawline is hardly distinguishable from the neck on unknown image
E7JQ38	Dissimilar	Dissimilar chin shape, size and asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known chin rounded, Unknown chin more squared. Jawlines similarly not prominent
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has a round chin where Unknown has a more square chin. Unknown has a mentolabial crease
HVURP4	Dissimilar	The unknowns chin has a crease and turns upward while the knowns does not.
J4778Z	Dissimilar	one chin is more bulbous than the other
JEFCV2	Dissimilar	more dimple in unknown not present in known
KCVE8G	Dissimilar	The contour of known's chin is symmetrical and round while the contour of unknown's chin is asymmetrical and oval/more narrow in shape and size.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Both have a rounded chin but K has a wider one compared to Unk, and K has a wider and more angled gonial angle.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The chin appears to be asymmetric on the unknown and not the known. The chin appears to be wider and longer on the known. The jawline appears to be more squared on the known however this could be due to weight change.
QFUJLW	Dissimilar	Chin is not similar in size/shape. Probe's is more round. Candidate's is more square. Gonial angle is not similar. Jawline is not similar in shape
QKRZZB	Dissimilar	The probe has a squared chin while the candidate's chin is more rounded. The candidate appears to have a more rounded jawline compared to the probe
QT8L8U	Dissimilar	The known's chin is round while the unknowns is square.

Image Set Q2: Table 4.2(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Known jawline is more rounded, jawline of the unknown appears to be longer, mentolabial sulcus is visible in the unknown but not in the known, shape of the chin is more square in the unknown where the known is more rounded, mark near the center of the chin on the known that is not visible in the unknown, buccal creases are visible in both but not the same shape/size/location
RJB49C	Inconclusive	Similar chin/jawline structure. Crease in between chin and mouth on unknown in prominent. Known doesn't have such crease.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image law line is more rounded.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	chin and jawline of the Known appears to be more rounded
UGXDTR	Dissimilar	the unknown has a more defined mentolabial sulcus; the unknown has a more prominent square shaped chin than the known; the jawline shape and prominence appears slightly different as well
VGDWFB	Dissimilar	Length or width or both relative to rest of face
WK96YB	Similar	
X2TF24	Dissimilar	Chin more protruded in U and appears more squared; chin appears wider and more rounded in K; jawline appears wider in K
Z9L8L3	Dissimilar	Known has a wider chin, slight double chin. Unknown's chin is more pronounced and has a crease above chin. Not observed in known.
ZCKK6L	Dissimilar	rounded, soft shape of the jawline is similar, however the known's is shorter than the unknown's; the known's chin is rounder, wider, more symmetric and slightly longer, whereas the unknown's is more of a rounded square shape, asymmetric, and more prominent

Features Observations Response Summary - Q2 Chin/Jawline		Total Participants: 61
	Response	Percent Reported
	Similar	6 (9.8%)
	Dissimilar	54 (88.5%)
	Inconclusive	1 (1.6%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q2: Table 4.2(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Neck appears to be wider on the known. Creases on the unknown neck, not found on the known possibly due to the shirt collar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The wrinkles on the neck is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known neck appears to be shorter; however hard to compare due to shirt with collar.
8BND4V	Dissimilar	more neck wrinkles visible for Unknown(2) than Known(1)
8FHAQ2	Dissimilar	the lack of elasticity and wrinkle lines are far more obvious in unknown than that of the known.
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	unknown has neck lines and contouring not seen on known's neck
9WM27B	Dissimilar	unknown has a longer and thinner neck than that of known. neck lines observed in known are not visible in known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall neck: width, details Not comparable: (not visible in one or both images) Overall neck: height; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Dissimilar	Neck (overall)
A9BMPB	Inconclusive	Partly covered
AE2ZQY	Unable To Compare	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	
BGZVPT	Not Applicable	Can see some line on unknown bur known is mostly covered
BVKBTR	Dissimilar	under neck looser, neck lines don't seem to match but may be covered.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Unable To Compare	Known's neck is covered by clothing.
E2YXFT	Unable To Compare	

Image Set Q2: Table 4.2(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar neck soft tissue fullness.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known's neck mostly covered by shirt collar, but Known neck appears shorter than Unknown, both have double chin.
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown has more creases in neck possible due to age difference. Unknown has more textured skin on the neck.
HVURP4	Dissimilar	Known's neck is wider/fatter while the unknown's is less wide and has numerous creases on it that are not visible on the known's.
J4778Z	Dissimilar	different thickness and different lines
JEFCV2	Dissimilar	creases present in unknown not present in known
KCVE8G	Dissimilar	unknown's neck is longer, neck lines are inconsistent, weight is inconsistent, texture and thickness of skin is inconsistent
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Both appear to have some sagging skin, K has more weight appearing to be wider. Unk has several neck lines not visible in K.
MMPAFW	Unable To Compare	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Not Applicable	
QCV8PW	Dissimilar	The neck appears to have more wrinkles on the unknown, but this could be due to aging or health factors. The double chin appears to have a different shaping on each subject. The neck appears to be wider on the known.
QFUJLW	Dissimilar	Neck not similar in thickness. Neck wrinkles are only visible in the Unknown.
QKRZZB	Dissimilar	Neck wrinkles of the probe do not appear on the candidate.
QT8L8U	Dissimilar	No visible line appear to be on the neck of the known. The unknown has several neck lines visible above the collar of the shirt. The neck of the known also appears thicker.
QY9X6C	Dissimilar	Both have a double chin but not the same size, unknown neck is longer and has more creases, neck creases are visible in both but the known does not have as many or in the same location, width of the neck is larger in the known, marks on the known neck that are not visible in the unknown
RJB49C	Inconclusive	Neck shapes are similar. Unknown appears to have a longer neck than known and more visible creases.

Image Set Q2: Table 4.2(m) - Neck

WebCode	Observation	Feature Notes
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image has a full/wide neck.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	neck of the Unknown appears to be slimmer relative to the face width
UGXDTR	Inconclusive	clothing is partially obscuring; the known appears to have a slightly wider neck than the unknown; the unknown has prominent neck creases which aren't visible in the known, but could be obscured by clothing
VGDWFB	Dissimilar	Wrinkles ,folds and double chin
WK96YB	Inconclusive	
X2TF24	Inconclusive	Neck appears wider in U; both appear to have a double chin; neck appears to look longer on U; neck creases present on U, but due to obstruction of shirt collar on K, cannot compare
Z9L8L3	Dissimilar	Unknown has creases at the base of the neck that are not present in the known. Also much longer neck than known. Known has a thicker neck.
ZCKK6L	Dissimilar	width, length, and musculature is dissimilar, as the known's is wider, shorter, and the jowl is thicker, whereas the unknown's is narrower, longer, and jowl is smaller; the unknown has two prominent neck creases that are not present on the known

Features Observations Response Summary - Q2 Neck			Total Participants: 61
	Response	Percent Reported	
	Similar	3 (4.9%)	
	Dissimilar	38 (62.3%)	
	Inconclusive	10 (16.4%)	
	Unable to Compare	7 (11.5%)	
	Not Applicable	3 (4.9%)	

Image Set Q2: Table 4.2(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Unable To Compare	Both subjects are clean cut. Can see shadow of growth on the known.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Unable To Compare	Neither subject has facial hair. Known looks like he has a somewhat 5 o'clock shadow showing wear he could grow hair. Image quality is low on unknown and you cannot tell if he has a 5 o'clock shadow or where his facial hair would grow.
8BND4V	Unable To Compare	does not have facial hair present
8FHAQ2	Similar	distribution of white and darker hair
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Similar	facial hair that can be observed does appear similar.
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images) Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	Very slight stubble on known. Not really that noticeable.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	

Image Set Q2: Table 4.2(n) - Facial Hair

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Shadow observed in known, but unable to determine facial hair or shadow in unknown due to the quality of the image.`
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	not present
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	Light stubble visible on the known image
J4778Z	Not Applicable	
JEFCV2	Dissimilar	does not appear same between images
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Inconclusive	neither has facial hair at the time of capture.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	The unknown does appear to have facial hair for comparison.
QFUJLW	Unable To Compare	None visible
QKRZZB	Not Applicable	
QT8L8U	Dissimilar	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	

Image Set Q2: Table 4.2(n) - Facial Hair

WebCode	Observation	Feature Notes
TQ9EET	Not Applicable	
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Similar	both individuals are clean shaven
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Inconclusive	Appears to be "stubble" or bit of a "five o'clock shadow" on K around chin and upper lip, not visible on U
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q2 Facial Hair		Total Participants: 61
Response	Percent Reported	
Similar	5 (8.2%)	
Dissimilar	3 (4.9%)	
Inconclusive	3 (4.9%)	
Unable to Compare	8 (13.1%)	
Not Applicable	42 (68.9%)	

Image Set Q2: Table 4.2(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Frontal lines are dissimilar, more prominent on the unknown, found in different locations, unknown also has 2, only one found on the known. Nasolabial folds are found in similar locations, known's right fold is longer. Crease on the left cheek of the unknown, not on the known. Arrangement of the crows feet are dissimilar.
3UFTE6	Similar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The wrinkles around the mouth is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Facial lines are not similar, especially around the nose and mouth, including dimples on the unknown and not on the known
8BND4V	Dissimilar	Unknown(2) has prominent left buccal crease not present for Known(1); Unknown(2) has more prominent mentolabial sulcus with flat horizontal curve; right nasolabial fold appears to curve slightly straighter for Unknown(2) than Known(1) and does not appear to curve as close to right corner of mouth; difference in position/curve/number of frontal lines on forehead
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	nasolabial lines are different in starting positions, curvatures, and angles, unknown has additional line on left cheek not seen on known
9WM27B	Dissimilar	Frontal lines visible in unknown are not visible in known. Placement, depth, beginning/ending of nasolabial folds are dissimilar. buccal crease on left cheek of unknown is not observed on that of known. Crows feet are visible in both however, are placement and depth are dissimilar.
A4GTRA	[Not Reported]	Similarities: Infraorbital crease Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Frontal lines; Vertical glabella; Bifid nose crease; Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Mentolabial sulcus; Nasolabial crease; Marionette lines; Buccal creases; Wrinkles on neck Not comparable: (not visible in one or both images) Nasion crease; Lateral nasal lines; Circumoral striae; Cleft chin; Other creases
A8F4MA	Dissimilar	Frontal lines (forehead wrinkles), Right and left superior palpebral crease, Right and left infraorbital creases
A9BMPB	Inconclusive	Forehead lines/crows feet/cheek/inferior palpebral dissimilar. Nasolabials somewhat similar. Mentolabial sulcus dissimilar
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	marionette lines different, forehead wrinkles don't match
BGVPT	Dissimilar	Both have lines around mouth but unknown has a pronounced buccal crease on one side

Image Set Q2: Table 4.2(o) - Facial Lines

WebCode	Observation	Feature Notes
BVKBTR	Dissimilar	lines inconsistent, dimples not present on known,
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Lines observed around the eyes and on the forehead in both but they appear dissimilar.
E2YXFT	Dissimilar	Mentolabial sulcus, naso labial creases, horizontal lines on the forehead are different
E7JQ38	Dissimilar	Variation in forehead crease, inferior palpebral crease and crow's feet shape, number and placement. Unknown: Right buccal crease, mentolabial sulcus and neck crease not visible in the Known. Known: Superior palpebral crease not visible in the Unknown.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Frontal lines dissimilar. Inferior palpebral creases dissimilar, periorbital creases dissimilar, Unknown has prominent left buccal crease, dissimilar nasolabial folds. Neck creases in Unknown but that area is covered by a shirt in the Known.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has 2 frontal lines where probe has 1. known has right periorbital creases that turn up where the unknown's turn down. Unknown has a right buccal crease
HVURP4	Not Applicable	Both have nasal creases in differing locations and the unknown image has a dimple/crease on the outer left cheek that is not on the known image.
J4778Z	Dissimilar	different frontal lines, different smile lines
JEFCV2	Dissimilar	various lines throughout both images which do not match in location/thickness/curvature
KCVE8G	Dissimilar	mentolabial creases are inconsistent. The unknown image has two distinct nasolabial folds on either side of the nose down to the jawline that is not consistent on known image.
KRVVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q2: Table 4.2(o) - Facial Lines

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The nasolabial lines appear to connect in a similar fashion on both subjects. The unknown appears to have two visible frontal lines whereas the known only has one. There appears to be a buccal crease on the unknown that isn't visible on the known. The mentolabial sulcus appears to have a visible line that is not visible on the known.
QFUJLW	[Not Reported]	Nasolabial folds are similar in location/shape but not prominence. Buccal creases are not similar in size/shape/prominence. Mentolabial sulcus is not similar in size/shape/location
QKRZZB	Dissimilar	The frontal lines on the probe do not match up with the frontal lines on the candidate.
QT8L8U	Dissimilar	The unknown has more prominent facial lines on the forehead. They both have visible periorbital creases, but they are in different locations and different shapes.
QY9X6C	Not Applicable	
RJB49C	Dissimilar	Unknown has more creases on forehead, neck and cheeks than known.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown image front lines are deep and pronounced.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	mentioned in the forehead, eyes, nose and mouth sections of this comparison
UGXDTR	Dissimilar	the unknown has more prominent facial lines on several areas of the face, specifically a much more prominent vertical line lateral to the left nasolabial fold
VGDWFB	Dissimilar	Forehead wrinkles, left buccal crease
WK96YB	Similar	
X2TF24	Dissimilar	Frontal lines dissimilar in quantity, location, and depth; infraorbital creases more defined in U; nasolabial folds appear dissimilar in length/shape/location; others aforementioned
Z9L8L3	Dissimilar	Forehead creases, crow's feet and nasolabial lines are all not similar.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q2 Facial Lines		Total Participants: 60
Response	Percent Reported	
Similar	3 (5.0%)	
Dissimilar	53 (88.3%)	
Inconclusive	1 (1.7%)	
Unable to Compare	1 (1.7%)	
Not Applicable	2 (3.3%)	

Image Set Q2: Table 4.2(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Potential scar on lower center right of forehead in Q. not observed in R
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	Few, if any, scars to compare
AE2ZQY	Dissimilar	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	Possible scarring observed below the lower lip of the known that is not on the unknown. Possible scar above the right eye of the unknown, not observed on the known.
E2YXFT	Not Applicable	

Image Set Q2: Table 4.2(p) - Scars

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Unknown: Textured skin mark similar to a scar above the right eyebrow and medial canthus not visible in the Known. Known: Small scar at the lower lip vermilion border and tori not visible in the Unknown.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Unknown has possible scar between brows on forehead
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	The known image appears to have a mark/imperfection/blemish on the right side above the brow between the bridge of the nose and the brows that is not on the unknown image.
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Dissimilar	Unknown image has scar over right side of brow ridge.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q2: Table 4.2(p) - Scars

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	no noticeable scars
UGXDTR	Dissimilar	the unknown has what looks like it could be a scar above the medial terminus of the right eyebrow
VGDWFB	Inconclusive	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Dissimilar	Small scar on lower lip of known that is not present in unknown. No other obvious scarring observed.
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q2 Scars		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	1 (1.6%)	
Dissimilar	8 (13.1%)	
Inconclusive	3 (4.9%)	
Unable to Compare	2 (3.3%)	
Not Applicable	47 (77.0%)	

Image Set Q2: Table 4.2(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Possibly age spots on the unknown's forehead, not found on the known. Mark on the left side of the unknown's mouth, not found on the known.
3UFTE6	Not Applicable	
44J8XH	Inconclusive	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Dissimilar	Unknown(2) appears to have facial mark present toward center of curve of left nasolabial fold not present for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	unknown has age spots on head and on cheeks/neck not seen on known
9WM27B	Dissimilar	facial marks observed on the forehead, left cheek, and neck of unknown are not observed on known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) A number of small potential facial marks across the face in both R and Q, nil corresponding locations
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	One image is quite unsharp. Which makes comparison of very subtle skin marks difficult
AE2ZQY	Not Applicable	
AQVDNB	Dissimilar	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Dissimilar	missing marks one to the other
BYKLNK	Not Applicable	
CBAKDA	Dissimilar	
D2JEW	Not Applicable	
D3D3DQ	Dissimilar	Mark on left side of known's face not observed on unknown.
E2YXFT	Dissimilar	Pigmentation spots are visible on the forehead of unknown image, whereas darker spots (freckles) are visible on the cheeks of known image

Image Set Q2: Table 4.2(q) - Facial Marks

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Unknown: Darker tone skin or ageing marks at the top middle of the forehead, by the right lateral canthus not visible in the Known. Known: Darker tone skin or ageing mark on the left cheek closer to the ear not visible in the Unknown.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known has mark on upper lateral left cheek. Unknown has marks on lower left jawline/cheek
FG99H7	Not Applicable	
GM7H34	Dissimilar	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	Center upper region of the forehead of the unknown there is a discoloration and also a white mark in the "11" region that is not on the known image.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	multiple marks (forehead, around mouth) on unknown which do not appear in known
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	Slight mark throughout both subjects but not in similar location or shaping.
QFUJLW	Dissimilar	None of the markings are similar in size/shape/location/color.
QKRZZB	Dissimilar	Facial marks on the candidate do not line up or appear on the face of the probe
QT8L8U	Dissimilar	The unknown has several marks on the forehead up to the hairline that are not visible on the known. Unknown also appears to have a visible white mark on the right side of the forehead near the lowest facial line.
QY9X6C	Dissimilar	Both have marks throughout but are not in the same location
RJB49C	Dissimilar	More dark marks on unknown's forehead.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image has age mark on left upper cheek.

Image Set Q2: Table 4.2(q) - Facial Marks

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Not Applicable	
U8BE68	Dissimilar	markings can be seen on the left side of the Known face, not seen on Unknown
UGXDTR	Dissimilar	the unknown appears to have several facial marks, almost sunspots on the forehead and other areas of the face that the known does not have
VGDWFB	Dissimilar	Rosacea cheeks
WK96YB	Not Applicable	
X2TF24	Dissimilar	Facial marks present on both, dissimilar in location/quantity/sizes/shapes/color
Z9L8L3	Dissimilar	Two marks are forehead in unknown that is not present in known. Age spot on forehead of unknown. Due to hair covering that area, not observed in known.
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q2 Facial Marks			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	2 (3.3%)	
	Dissimilar	38 (62.3%)	
	Inconclusive	2 (3.3%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	18 (29.5%)	

Image Set Q2: Table 4.2(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Glasses
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Dissimilar	Known(1) is wearing glasses
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	eye glasses
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images)
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	None observed.
E2YXFT	Dissimilar	Glasses on known image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Dissimilar	

Image Set Q2: Table 4.2(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	[No observations reported for this feature.]	
EYNFWN	[Not Reported]	Known is wearing glasses
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	The known has glasses on while the unknown does not.
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Eye Glasses
PT369V	Similar	facial expression
QCV8PW	Dissimilar	Glasses on the known.
QFUJLW	Unable To Compare	Known is wearing glasses.
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Known image is wearing glasses, the known may have more of a weight gain
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZD	Not Applicable	
U8BE68	Not Applicable	corrective lenses present on the Known
UGXDTR	Dissimilar	known is wearing glasses

Image Set Q2: Table 4.2(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Dissimilar	known is wearing glasses

Features Observations Response Summary - Q2 Alterations		Total Participants: 57
	<u>Response</u>	<u>Percent Reported</u>
	Similar	3 (5.3%)
	Dissimilar	11 (19.3%)
	Inconclusive	1 (1.8%)
	Unable to Compare	1 (1.8%)
	Not Applicable	41 (71.9%)

Image Set Q2: Table 4.2(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison Limitations		The Limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, resolution and a number of other imaging conditions.
BGVPT	Clarity	Dissimilar	Unknown is slightly out of focus and a little fuzzy
D3D3DQ	Teeth	Dissimilar	Front teeth of known appear larger and more jagged than the unknown's.
E7JQ38	Limitations	NotApplicable	Ageing, perspective distortion, expression, occlusion (glasses).
PT369V	teeth, glasses	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Known image is good quality frontal face, unknown image is not as crisp as the known but still a good quality frontal image
BGVPT	Age	Dissimilar	Unknown appears older

Detailed Feature Observations

TABLE 4 - Image Set Q3

Image Set Q3: Table 4.3(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Tone of the skin appears to be similar. Texture of the skin appears to be smoother on the known.
3UFTE6	Unable To Compare	
44J8XH	Similar	
474EX6	Dissimilar	One of the individuals has a darker skin tone.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Both are light skinned black females with a similar skin tone.
8BND4V	Unable To Compare	unable to compare smaller/finer details of skin texture due to quality of Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	the tone appears different with known having a more even toned and unknown appearing blotchy, texture also appears different with unknown's appearing to have rougher skin
9WM27B	Dissimilar	Skin tone may be similar however lighting difference between photos makes this difficult to compare. Skin texture of unknown is more rough/bumpy than that of known which appears to be smooth.
A4GTRA	[Not Reported]	Similarities: Overall skin appearance: tone Not comparable: (not visible in one or both images) Overall skin appearance: texture
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	unk has rougher skin texture, different color
BGVPT	Dissimilar	Known appears younger and smoother
BVKBTR	Dissimilar	
BYKLNK	Similar	
CBAKDA	Unable To Compare	
D2JEW	Similar	

Image Set Q3: Table 4.3(a) - Skin

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Skin appears similar in color.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar tone.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	difference in lighting could be altering the perceived color of the skin. Both have medium skin color with olive undertones. Known's skin appears more smooth (image quality?), Unknown's appears more textured with hyperpigmentation.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Texture is hard to compare due to the resolution of the known. Similar appears texture and color
HVURP4	Similar	Both images appear to be of similar texture and coloring...but the quality of the known image is not great so difficult to be sure
J4778Z	Dissimilar	Skin tone slightly different
JEFCV2	Dissimilar	unknown has more texture
KCVE8G	Similar	KNOWN: the skin is a warm, light golden color with a very slight pink tone. The skin is very smooth and free from discoloration, blemishes, wrinkles, creases or marks. UNKNOWN: Unknown has an olive/greenish skin tone, smooth texture, mostly free from discoloration, blemishes, wrinkles, creases or marks. The texture of Unknown's skin is smooth. There are a few small lines under the corners of the eyes.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	Quality of K does not allow for a detailed comparison of all features. Both appear to have light skin. K appears to be younger than Unk.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Dissimilar	The subjects appear to present with a light skin tone. The unknown appears to have a more olive hue to the skin. The known appears to have less texture of the face however this could be due to quality or imaging conditions.
QFUJLW	Similar	Skin color is light brown similar.
QKRZZB	Similar	Skin tones between the probe and candidate appears to be similar.
QT8L8U	Dissimilar	Image quality it not equal. Unknown is more blurry making the skin appear more smooth

Image Set Q3: Table 4.3(a) - Skin

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Tone is darker in the known but could be due to lighting, texture appears smoother in the known
RJB49C	Inconclusive	Due to shading issues, I was unable to compare the skin of both candidates.
RTFBMC	Similar	
T9A37R	Dissimilar	Known image skin texture is smooth and even.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Unable To Compare	
U8BE68	Similar	skin tone appears to be similar between subjects - texture of the probe appears to be rougher, could be due to age difference or quality of candidate
UGXDTR	Inconclusive	similar tone; unknown's texture appears slightly more rough
VGDWFB	Dissimilar	Luminance and color
WK96YB	Unable To Compare	
X2TF24	Dissimilar	Dissimilar in tone and texture, may be due to image quality
Z9L8L3	Inconclusive	Skin tone appears similar, but due to quality of known image, it is difficult to make a complete comparison
ZCKK6L	Dissimilar	texture is dissimilar, as the known's appears to be smoother whereas the unknown's appears to be weathered; tanned complexion is similar, however the unknown has an uneven tonality with darker patches throughout the forehead, nose, and cheek regions whereas the known's is consistent throughout

Features Observations Response Summary - Q3 Skin		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	21 (34.4%)	
Dissimilar	23 (37.7%)	
Inconclusive	8 (13.1%)	
Unable to Compare	8 (13.1%)	
Not Applicable	1 (1.6%)	

Image Set Q3: Table 4.3(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Shape of the knowns head is longer and more narrow.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The overall shape and length of the face are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Unable To Compare	
6VNPYY	Dissimilar	Known head has very straight lines on the side with almost a square jaw. Unknown head is shorter and wider with a rounder bottom jaw line.
8BND4V	Dissimilar	difference in face/head outline, Known(1) has narrower lower end of face
8FHAQ2	Unable To Compare	unable to compare cause the density of hair
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	known appears to have thinner more rectangular shaped head, unknown has a more squared head
9WM27B	Dissimilar	Unknown has a more round head and face than that of unknown.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall shape of the face Not comparable: (not visible in one or both images) Shape of the cranial vault
A8F4MA	Dissimilar	overall shape of face
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	Different shape of face.
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk has rounder face
BGZVPT	Similar	Similar shape
BVKBTR	Dissimilar	much thinner face on known.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Known's outline is more oblong or rectangular. Unknown's jaw is wider than the known.
E2YXFT	Dissimilar	Overall face shape is more round on unknown image
E7JQ38	Dissimilar	Dissimilar overall shape of face.

Image Set Q3: Table 4.3(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known face shape is more oval, Unknown face shape is more square.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Cranial vault is similar in size. Both have oval face shapes but unknown's is wider at the bottom
HVURP4	Dissimilar	The known image appears to be longer/more oblong in shape while the unknown is squarer in shape
J4778Z	Dissimilar	
JEFCV2	Dissimilar	known appears longer
KCVE8G	Dissimilar	KNOWN: The outline of the head is uniform from the top to the bottom of the chin, symmetrical and rectangular in shape. UNKNOWN: The contour of unknown's head is round, more narrow at the crown and widens as you follow the outline toward the jaw and chin.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a more squared face, K appears to have a more slender oval face.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The face/head outline appears to be more squared on the unknown. The known face/head outline appears to be wider around the eye area and thinner on the chin on the known.
QFUJLW	Dissimilar	Outline is not similar. Known has an egg shaped face while Unknown's is square.
QKRZZB	Dissimilar	Skin tones between the probe and candidate appears to be similar.
QT8L8U	Dissimilar	full face/head shape obstructed by hair.
QY9X6C	Dissimilar	Known is narrower and longer, the unknown is more round
RJB49C	Dissimilar	Known candidate has a narrower face as opposed to unknown candidate's wider more round face.
RTFBMC	Similar	
T9A37R	Dissimilar	Known image has a more even face outline while unknown image has jutting jaw line with narrower forehead shape.
TLDKJC	Dissimilar	

Image Set Q3: Table 4.3(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	crainial vault area of head outline is not comparable - mid face and lower face outlines of the subjects differ in shape
UGXDTR	Dissimilar	facial shape appears dissimilar with the known having a more narrow shape towards the bottom of their face and the unknown has a more pear shaped face with a more broad shaped lower portion of the face
VGDWFB	Dissimilar	Overall shape of face
WK96YB	Dissimilar	
X2TF24	Dissimilar	Shape of face appears more narrow in K, appears more rounded and wider in U; shape of cranial vault cannot be determined
Z9L8L3	Dissimilar	Unknown has a rounder face where known's is thinner and slightly longer
ZCKK6L	Dissimilar	rounded rectangular-like shape of the face is similar, however the known's slightly tapers in whereas the unknown's width is more consistent and wider

Features Observations Response Summary - Q3 Face/Head Outline		Total Participants: 62
Response	Percent Reported	
Similar	5 (8.1%)	
Dissimilar	54 (87.1%)	
Inconclusive	0 (0.0%)	
Unable to Compare	2 (3.2%)	
Not Applicable	1 (1.6%)	

Image Set Q3: Table 4.3(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Alignment of the eyes is dissimilar; unknown's eyes are more slanted. Nose to mouth distance is similar.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The distance between the eye and the eyebrow is dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features are spaced similarly on both subjects.
8BND4V	Dissimilar	eyes of Unknown(2) are asymmetrical, left eye appears slightly higher than the right eye
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	features are spaced differently relative to the other features of the face
9WM27B	Dissimilar	Placement of facial features is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Eye position relative to face length Not comparable: (not visible in one or both images) Ear position relative to eyes, nose, and mouth
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	eyes offset in unk
BGZVPT	Dissimilar	Appeared centered but the unknown has longer distance from tip of nose to top lip
BVKBTR	Dissimilar	
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q3: Table 4.3(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Known's features appear more centered where the Unknown's appears lower.
E2YXFT	Dissimilar	Relative distances between facial features seem different
E7JQ38	Dissimilar	Dissimilar nose and mouth width relative to the eyes and eyes and eyebrows asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known features are more symmetrical than Unknown's.
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar distance between facial features. Facial features are in the same relative position in known and unknown
HVURP4	Dissimilar	Length of forehead from brow to hair line appears shorter on the known image
J4778Z	Dissimilar	
JEFCV2	Similar	
KCVE8G	Dissimilar	KNOWN: Features are symmetrical, left and right sides of the face are similar in size, shape and position between the two halves. UNKNOWN: asymmetrical face with one eye larger than the other, eyes are at different heights. mouth and nose are slightly tilted.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K has features more evenly spaced on the face, Unk has features set lower on the face with a larger forehead and smaller chin.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The features of the face appear to have a tighter horizontal grouping on the known. The distance between the eyes and mouth appears to be longer on the known image.
QFUJLW	Dissimilar	Features are located more towards the bottom of the face. Distance between eyes and eyebrows is greater in the Known's than in the Unknown's. The distance between the eyes and the nose is greater in the Knowns. Known's eyes are wider apart. Mouth is similarly placed between nose and mouth
QKRZZB	Dissimilar	The eyes of the candidate appear to be set farther away from each other compared to the probe.
QT8L8U	Dissimilar	head obstructed by hair. Facial composition appears dissimilar

Image Set Q3: Table 4.3(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Distance from nose to mouth is longer in the unknown, distance from eyes to mouth appears to be similar
RJB49C	Dissimilar	Known has symmetric features, whereas, unknown's left face appears longer than the right.
RTFBMC	Similar	
T9A37R	Dissimilar	
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	relative shape and size of features on the face appear to differ between subjects
UGXDTR	Dissimilar	the unknown's nose appears smaller in size and proportion to the other features compared to the known
VGDWFB	Dissimilar	
WK96YB	Dissimilar	
X2TF24	Similar	Similar in relationship to each other in relation to length of face
Z9L8L3	Dissimilar	Distance between hairline and eyebrows is shorter in known than unknown. Other differences observed are width and shape of the eyes. The distance between the eyebrows and eyes is also different.
ZCKK6L	Dissimilar	configuration and alignment of the visible facial features are similar with respect to each other and their location on the face, however the size of the features are dissimilar

Features Observations Response Summary - Q3 Face/Head Composition		Total Participants: 61
Response	Percent Reported	
Similar	11 (18.0%)	
Dissimilar	45 (73.8%)	
Inconclusive	1 (1.6%)	
Unable to Compare	2 (3.3%)	
Not Applicable	2 (3.3%)	

Image Set Q3: Table 4.3(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Tone of the hair is dissimilar; knowns hair is red, and unknowns is black/blonde possibly due to coloring. Texture of the hair is somewhat similar, curly on both subjects but appears to be different curl patterns and the knowns is thicker.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The hair texture and color are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have coarse curly hair. Known has a red color, deep center part and tighter curls. Unknown has dark color with light ends, hair is much flatter on top with no defined part and curls are not as tight.
8BND4V	Dissimilar	difference in hair color/styling/parting of hair; Known(1) has red color to hair and has part in middle while Unknown(2) has black with light highlights; Known(1) has smaller/tighter curls than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	different in texture and growth patterns
9WM27B	Dissimilar	While both have curly hair similar length, the known has thicker/ more dense growth. The part line is dissimilar. The cowlick of the unknown is not observed on the hairline in that of known. The hairline of the unknown is more recessive than that of known. Hair color and style is also dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Hair: texture, density, tonality Not comparable; (not visible in one or both images) Hair: shape/spatial distribution; Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Different grooming and texture
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	different thickness, color, curliness
BGVZPT	Dissimilar	Color, type, and style are different
BVKBTR	Dissimilar	much frizzier on known.
BYKLNR	Dissimilar	

Image Set Q3: Table 4.3(d) - Hair

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Both appear to have naturally curly hair, but the known's hair appears more coarse with a tighter curl.
E2YXFT	Dissimilar	Texture is different
E7JQ38	Similar	Similar hair style and tone.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Dissimilar hair texture, density, and curl pattern. Both appear to have areas of artificial hair coloring. Known hairline is mostly not visible for comparison.
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hair is similar texture and both are curly. Hair color is different, possible due to dye.
HVURP4	Dissimilar	Differing color with the known image having a reddish/purple tint while the unknown is black in color with blondish tips at the ends. The known's hair is fuller/bigger while the unknown has more ringlets
J4778Z	Dissimilar	Different colors and style
JEFCV2	Dissimilar	while both curly, different texture, color, and part
KCVE8G	Dissimilar	KNOWN: Short distance from top of eyebrows to beginning of the hairline. There is a part in the hair in the center of the head. The hair is pressed flat to the top of the head along the part, creating wider, distinct separation of the hair on the right and left sides of the head. The hair color has a deep, dark red appearance, shoulder length with kinky, tight corkscrews or a 'Z' shaped pattern that starts right from the root and is full, standing a few inches off the sides of the head. UNKNOWN: The hairline of unknown curves along the top of the forehead, the hair grows straight up and has short, tight waves into dark hair. The dark hair has tight, ringlet curls that part to the right side of the head and falls downward where it stops at the shoulders. The hair color fades from dark on the top of the head to light on the ends near the shoulders.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Both appear to have curly hair but of different curl types. Unk has dark hair with highlights near the ends with looser curls than K. K has reddish hair with possible dark roots.
MMPAFW	Dissimilar	
MX9NJY	Unable To Compare	
NPD6JF	Similar	
PT369V	Dissimilar	

Image Set Q3: Table 4.3(d) - Hair

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	Due to quality and hair style only a portion of the known's hairline is visible and not enough for a thorough comparison. The hair color appears to be different, but this could be due to hair dye. The subjects both present with curled hair however the texture appears looser on the unknown.
QFUJLW	Dissimilar	Not similar in color/length/texture.
QKRZZB	Dissimilar	The hair color between the probe and candidate are different. The hairline of the probe and candidate appear to be dissimilar. The hair texture appears to be dissimilar
QT8L8U	Dissimilar	Hair color, growth pattern, and curl pattern appear dissimilar
QY9X6C	Dissimilar	Color is dissimilar – known is more red and the unknown is darker with some blonde, both have curly hair, both have shoulder length hair, can't compare hairline due to different hairstyles
RJB49C	Dissimilar	Known appears to have a more frizzy hairstyle than unknown, as well as a different color and part that unknown doesn't have.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Somewhat similar texture, but color and overall shape is different. Hairline is different shape.
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Dissimilar	hair appears to differ in color, dark brown on probe and redish on candidate - both subjects appear to have curly hair
UGXDTR	Dissimilar	the forehead hairline shape appears dissimilar; the known has a prominent part in the hair that is not in a similar location on the unknown; the hair color is dissimilar with the known having red hair and the unknown having dark brown hair; the hair texture appears slightly similar with both having thick curly hair, but the known's appears slightly more wiry and thick
VGDWFB	Dissimilar	Density and distribution of density, tonality and variation color
WK96YB	Similar	
X2TF24	Dissimilar	Hair appears dissimilar in texture/tone/color/volume, may be due to intentional alterations
Z9L8L3	Dissimilar	Known has curly red hair with a part in the middle. Unknown has curly black hair with highlights. Part is different. The curl in the known is more tight and frizzy than the unknown.
ZCKK6L	Dissimilar	length appears to be similar, however color, texture, thickness, and curl pattern is dissimilar; known's hair color is red, which could be attributed to grooming, whereas the unknown's is dark with lighter highlights as the ends are approached; the known's curl pattern is tighter, hair is thicker, and appears to be coarser, whereas the unknown's curls are looser/bigger, hair lays flatter, and texture appears to be silky; hairline is difficult to compare due to how the known's hair lays over the forehead

Features Observations Response Summary - Q3 Hair		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	9 (14.5%)	
Dissimilar	43 (69.4%)	
Inconclusive	6 (9.7%)	
Unable to Compare	1 (1.6%)	
Not Applicable	3 (4.8%)	

Image Set Q3: Table 4.3(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Inconclusive	Forehead is partly covered on the known. The known's forehead appears to protrude more.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The forehead cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Dissimilar	Unknown has some dark patches of skin on the center of the forehead.
8BND4V	[Not Reported]	unable to compare much detail of forehead due to hair and quality of Known(1); relative height of forehead from highest point of eyebrow curve to top of forehead appears slightly shorter for Known(1) than Unknown(2); slight angle difference of head
8FHQAQ2	Unable To Compare	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	known's forehead in middle appears smooth, whereas unknown's appears contoured and splotchy, unknown has vertical glabellar lines coming up on forehead not visible on known
9WM27B	Dissimilar	Height and width of forehead is dissimilar. Pigment of forehead is darker near center of forehead of unknown; this is not observed in known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Forehead shape: relative height, slope/contour; Brow ridges: prominence, continuity Not comparable: (not visible in one or both images) Forehead shape: relative width
A8F4MA	Dissimilar	Forehead shape
A9BMPB	Inconclusive	Occlusion by hair on known. Image quality.
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	unk has bigger forehead
BGZVPT	Dissimilar	Known is mostly covered by hair; unknown has open and unremarkable forehead
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q3: Table 4.3(e) - Forehead

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Although hair is partially covering the known's forehead, it still appears that the unknown's forehead is larger.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar forehead height.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known full forehead not visible due to hair. Known's is somewhat rounded while Unknown's is more flat and taller.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Forehead is similar in size and shape. Cannot compare brow ridges due to quality of the known.
HVURP4	Dissimilar	Forehead of the known image appears less long in the center than that of the unknown image
J4778Z	Dissimilar	
JEFCV2	Dissimilar	lose alot of this feature in known due to hairstyle, marks in unknown which don't appear in known
KCVE8G	Dissimilar	KNOWN: Average height and width in comparison to the rest of the face. Unremarkable. Partially covered on the sides with tight, ringlet, curly hair.UNKNOWN: Unknown's forehead is small, round, curves outward and is free of creases and marks.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Inconclusive	K has part of forehead obscured by hair. Facial markings are visible on Unk but not comparable on K.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	There is only a small portion of the forehead available on the known and it appears to be more pronounced than the unknown. The forehead appears to be smaller on the known but due to the hairstyle it is not able to be compared more thoroughly.
QFUJLW	Inconclusive	Forehead was similar in length. Unable to compare width/shape.
QKRZZB	Dissimilar	The shape of the forehead appears to be dissimilar. The forehead of the probe looks to be wider compared to the candidate. The brow ridge of the candidate looks to protrude more compared to the probe.
QT8L8U	Unable To Compare	Majority of the forehead on the unknown is obstructed by hair.

Image Set Q3: Table 4.3(e) - Forehead

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Most of the forehead of the known is covered by hair due to hair style, there is also a shadow on the known forehead, marks on the unknowns forehead are not visible in the known, from what is visible in the known the forehead appears to be shorter in height, brow ridge is dissimilar
RJB49C	Dissimilar	Unknown appears to have a more prominent forehead than known. Hair partially obstructs the view.
RTFBMC	Inconclusive	not fully visible/poor quality in one image
T9A37R	Dissimilar	Known image has very short/shallow forehead and more protrusion in brow line.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67NZZ	Inconclusive	
U8BE68	Dissimilar	forehead of probe appears to be larger relative to face size - though the forehead of candidate is no entirely visible
UGXDTR	Dissimilar	the known's forehead height appears slightly shorter than the unknown
VGDWFB	Dissimilar	Relative height
WK96YB	Inconclusive	
X2TF24	Dissimilar	Forehead appears larger on U; dissimilar in relative height; width unable to compare on K due to obstruction of hair; brow ridges appear more prominent on K
Z9L8L3	Dissimilar	Known has a smaller forehead than unknown. Unknown's fore head is flatter where known's has a slight curve.
ZCKK6L	Dissimilar	contour, shape, and size are dissimilar, as the known's appears to be smaller, more dome-like shaped, and rounded to a greater degree, whereas the unknown's is wider, larger, and flatter along the center with curved edges; the unknown has prominent frontal eminences whereas the known doesn't

Features Observations Response Summary - Q3 Forehead		Total Participants: 60
Response	Percent Reported	
Similar	7 (11.7%)	
Dissimilar	28 (46.7%)	
Inconclusive	15 (25.0%)	
Unable to Compare	9 (15.0%)	
Not Applicable	1 (1.7%)	

Image Set Q3: Table 4.3(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Arch of the eyebrows are similar. Knowns eyebrows are a bit thicker. Left eyebrow on the unknown more diagonal. Tone of the eyebrows are similar.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The shape of the eyebrow is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have thin dark eyebrows. Left eyebrow on unknown seems to be higher on the end than that of the known.
8BND4V	Dissimilar	medial ends of eyebrows relative to medial canthi appear higher for Known(1) than Unknown(2); Known(1) has a higher/flatter curve of eyebrows which has a sharper angle to curve toward lateral ends, especially visible for right eyebrow of Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	positions above eyes are different with known's appearing higher, starting points at medial ends are different, curvatures and growth patterns are different
9WM27B	Dissimilar	Overall shape and grooming of right eyebrow appears similar however, the asymmetry between eyebrows of unknown is not observed in that of known.
A4GTRA	[Not Reported]	Similarities: Density of hair Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Shape; Size; Position – Asymmetry Not comparable: (not visible in one or both images) Conjoined; Hair details
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Dissimilar	Grooming, reverse asymmetrical, placement
AE2ZQY	Dissimilar	
AQVDNB	Similar	
BF6CMR	Dissimilar	similar distance, thickness and shape is different
BGVZPT	Dissimilar	Similar in size, unknowns is more rounded and darker
BVKBTR	Dissimilar	thinner and plucked on unknown
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q3: Table 4.3(f) - Eyebrows

WebCode	Observation	Feature Notes
D2JEVW	Dissimilar	
D3D3DQ	Unable To Compare	Both appear to have groomed eyebrows of similar size, but the image in the known is blurry and so unable to compare much.
E2YXFT	Dissimilar	Right eyebrow is lower than left eyebrow on unknown images, whereas the asymmetry is opposite on known image
E7JQ38	Dissimilar	Dissimilar eyebrow shape, size and asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	both have groomed eyebrows, Unknown's brows might be filled in with makeup. Known's brow shape is slightly more angular and level on the face, Unknown's are more smoothly rounded and positioned asymmetrically
FG99H7	Inconclusive	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Shape and size are similar but the unknowns are at a different angle than the knowns. The known's angle down towards the outside. The unknown's left eye brow is also higher than the right eye brow where the knowns are at the same height.
HVURP4	Dissimilar	Appear similar in shape and color but the distance from lid crease to brow is longer in that of the known image
J4778Z	Dissimilar	
JEFCV2	Dissimilar	unknown darker, more shaped, thinner leading to outside of face
KCVE8G	Similar	KNOWN: Medium-dark brown in color. Gentle, flowing arch from inner to outer edge. Both eyebrows are uniform in size, shape, length and color. UNKNOWN: The eyebrow's of the unknown subject are dark, thin in width, wider at the inner corner, have a slight curve from inner corner to the tail end and are asymmetrical. The left eyebrow of the unknown subject is higher than the right eyebrow. The glabellar lines are faint and appear more like an indentation or crease than the appearance of a line.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has two vertical glabellar lines where K is smooth. They have opposite asymmetry to brow positioning with Unk having a higher L brow, K have a higher R brow. both appear to have slim/groomed dark haired brows.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The right eyebrow appears to be more angled on the known than the unknown. The coloration of the eyebrows appears to be dark and similar. The left brow appears to be more angled on the unknown. The left brow appears to be higher and more lateral on the unknown.

Image Set Q3: Table 4.3(f) - Eyebrows

WebCode	Observation	Feature Notes
QFUJLW	Similar	Eyebrows are similar in shape/size/color
QKRZZB	Dissimilar	The growth pattern of the eyebrows between the probe and candidate appears to be different. As well as the thickness of the eyebrows.
QT8L8U	Dissimilar	Grooming, color, growth pattern appears dissimilar
QY9X6C	Dissimilar	Shape is dissimilar, thickness is dissimilar, color appears to be similar as they are both dark, distance apart is further in the unknown, distance to eyes is larger in the known, vertical glabellar lines are visible in the unknown but not the known
RJB49C	Dissimilar	Eyebrows are different in style, despite both being thin in appearance.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	both subjects brows appear similar in color - differ in shape and angle along brow ridge
UGXDTR	Inconclusive	similar tone and texture; the known appears to have slightly more symmetry to the overall shape and contour; the known's are slightly more thick in shape, but could be due to grooming difference
VGDWFB	Dissimilar	Asymmetry between right and left eyebrows
WK96YB	Dissimilar	
X2TF24	Dissimilar	Eyebrows appear dissimilar in shape/length/asymmetry; similar in width apart
Z9L8L3	Dissimilar	Eyebrow shape is different in length and width. Unknown's are thinner and appear longer. Known's eyebrows curve downward.
ZCKK6L	Dissimilar	brows are similar in curved shape, thinness, length, and asymmetrical positioning, however the known's right brow is higher whereas the unknown's left is higher; approximate distance between the medial ends and above the eyes is dissimilar, as the known's are located closer together and further above the eyes

Features Observations Response Summary - Q3 Eyebrows		Total Participants: 62
Response	Percent Reported	
Similar	11 (17.7%)	
Dissimilar	46 (74.2%)	
Inconclusive	4 (6.5%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q3: Table 4.3(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Known is wearing glasses, unknown is not. Shape of the eyes are dissimilar. Left medial canthus slants downward.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The eye size and the superior palpebral creases are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown left eye is much rounder and more open than right eye and also appears to be slightly higher on the face. Left eye on known is same size and shape as right eye, left eye may be slightly lower.
8BND4V	Dissimilar	Unknown(2) has asymmetrical eyes with left eye appearing wider/higher than right; Known(1) has more symmetrical and level eyes
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	eye shapes and sizes are different with unknown appearing to have bigger eyes, unknown's left eye is set higher than right eye on face, unknown has under eye lines not seen on known
9WM27B	Dissimilar	Eye shape is dissimilar. Notably, the unknown has eyes that are not even in shape, size and fissure. This is not noted in the known. Inter-canthal distance is dissimilar. Eye shape is dissimilar. Protrusion of the eye is dissimilar. Visibility of upper eyelid is dissimilar. Protrusion of lower eyelids of unknown not observed on known.
A4GTRA	[Not Reported]	Similarities: Inter-canthal distance Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow; Eyeball prominence; Sclera: visibility; Lateral canthus: shape, angle; Asymmetry Not comparable: (not visible in one or both images) Interpupillary distance; Medial canthus: caruncle, shape, angle
A8F4MA	Dissimilar	Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, Right and left iris, asymmetry between right and left eyes
A9BMPB	Unable To Compare	Left tilt and eye fissure.
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	different shape, orientation
BGZVPT	Dissimilar	Unknown has rounder shaped eyes
BVKBTR	Dissimilar	socket area and lines around eyes not similar.

Image Set Q3: Table 4.3(g) - Eyes

WebCode	Observation	Feature Notes
BYKLNLR	Dissimilar	
CBAKDA	Dissimilar	The position of the left eye is more up in the unknown image.
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Known's left eye doesn't appear to open as wide as her right eye which is the opposite for the unknown.
E2YXFT	Dissimilar	Visible asymmetry between right and left eye of unknown image
E7JQ38	Dissimilar	Dissimilar eye shape, angle and asymmetry, upper eyelid size and iris diameter relative to eye opening.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Known's eye are more rounded, symmetrical, and level and they are spaced further from the brows. Unknown's eyes are more almond-shaped with a lateral upward tilt, hooded, asymmetrical, and closer to the brows.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown's left eye is higher and more open than the right eye. The known's eyes are open a similar amount and are both at the same height.
HVURP4	[Not Reported]	Unknowns eyes are more round with canthus that point downward, while the known images eyes are more almond in shape and less wide.
J4778Z	Dissimilar	Different sclera visible
JEFCV2	Dissimilar	unknown more open, could be due to expression, creases not similar above or below eye opening
KCVE8G	Dissimilar	KNOWN: dark in color, oval in shape, symmetrical. Wearing glasses with a light colored frame and clear lenses that are not obstructing many details around the eyes. UNKNOWN: Unknown subject has asymmetrical eyes. The left eye on the unknown subject is wide open, round, with the upper eyelid following the curvature of the edge of the top of the pupil. The right eye of the unknown subject is more almond shaped or narrow than the left eye. The right lid rests below and covers the top of the pupil. The eyes are very dark, almost black in color. There is little color variation from the pupil to the iris. Eyelashes are short, dark and thick.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Inconclusive	Quality of K does not allow for a detailed comparison; Aside from Both appear to have dark eyes in this capture.
MMPAFW	Dissimilar	
MX9NJY	Inconclusive	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q3: Table 4.3(g) - Eyes

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The eyes appear to smaller on the known. The left eye of the unknown appears to be higher than the known. The eyes appear to be asymmetric in opposite ways. The lateral portion of the left eye appears to be higher on the unknown.
QFUJLW	Dissimilar	Eyes are not similar in size/shape/contour. Many of the Known's eye features are not easily visible due to image quality. The Unknown's left eye and eyebrow is higher up than the right.
QKRZZB	Dissimilar	The shape of the eyes appears to be different. The shape of the medial canthus on the right and left appears to be dissimilar. The shape of the lateral canthus on the left and right eyes appears to be different as well.
QT8L8U	Unable To Compare	
QY9X6C	Dissimilar	Shape/size is dissimilar, the unknown medial canthus slants downwards where the known is straight across, the known has glasses covering some of the creases, distance apart appears to be wider in the known image, inferior palpebral creases are visible in the unknown but not the known, superior palpebral creases are further up in the known, eyelids are larger in the known, both have dark colored eyes, sclera appears to be larger in the unknown
RJB49C	Dissimilar	Known's eyes are level and closer together than unknown candidate whose left eye is higher.
RTFBMC	Dissimilar	asymmetrical in unknown
T9A37R	Dissimilar	Unknown eye shape/angle is more slanted.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67NZD	Dissimilar	
U8BE68	Dissimilar	the relative size of the probe eyes appear to be larger - the angle of the eyes on the probe appear to be assymetrical with the left eye angled upward from mid to lateral point and right eye being more horizontal, eyes of candidate appear to be more symmetrical
UGXDTR	Dissimilar	the known's eye shape are more symmetrical and oval shaped; the unknown's are more asymmetrical with the left eye appearing more round and circle in shape than the right eye; the unknown has more prominent inferior palpebral creases than the known
VGDWFB	Dissimilar	Superior palpebral crease
WK96YB	Dissimilar	
X2TF24	Dissimilar	Eyes appear larger in size in U; eyeballs more prominent in U; upper eyelids appear larger in size in K; irises appear larger in U; intercanthal distance appears wider in K along with interpupillary distance; overall shape of eyes appear dissimilar; some loss of fine detail due to quality on K, however appears that left medial canthus of U appears to point more downward; left eye higher set than right in U
Z9L8L3	Dissimilar	Both have dark eyes, Unknown's are a very dark brown. Left eye on unknwn appears wider than her right eye. This is not observed in the known.

Image Set Q3: Table 4.3(g) - Eyes

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	approx. intercanthal distance is similar; degree of hoodedness is dissimilar, as the unknown's are hooded to a greater degree; the shape of the superior palpebral crease is difficult to compare due to the known's glasses; the almond-like shape of the eyes is similar, however the unknown's fissure opening is larger; the alignment of the eyes is dissimilar, as the unknown's are asymmetric with the left slanted and positioned higher than the right whereas the known's are more evenly aligned in a straight line; the unknown has thicker lower eyelids and prominent inferior orbital creases that the known doesn't have or aren't visible due to the shading present on the face; unknown's medial canthi are larger and more prominent with caruncle visible

Features Observations Response Summary - Q3 Eyes		Total Participants: 61
Response	Percent Reported	
Similar	0 (0.0%)	
Dissimilar	54 (88.5%)	
Inconclusive	5 (8.2%)	
Unable to Compare	2 (3.3%)	
Not Applicable	0 (0.0%)	

Image Set Q3: Table 4.3(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns' cheeks are fuller and more rounded.
3UFTE6	Dissimilar	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The width of the cheek is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown cheeks are fuller than known
8BND4V	Dissimilar	cheeks of Unknown(2) appear to curve rounder/lower in shape
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	cheek shapes are different with unknowns appearing pudgier and knowns curving in slightly
9WM27B	Dissimilar	Height and fullness of cheeks is dissimilar.
A4GTRA	[Not Reported]	Similarities: Cheekbone prominence Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Cheek shape Not comparable: (not visible in one or both images) Dimples
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known has higher cheek bones
BGZVPT	Dissimilar	Known has more slender cheeks
BVKBTR	Dissimilar	fuller cheeks on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Unknown's cheeks appear more full but could be due to wider jaw or expression.
E2YXFT	Dissimilar	Chubbier on unknown image
E7JQ38	Similar	Similar cheek soft tissue fullness.

Image Set Q3: Table 4.3(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Dissimilar shape and fullness. Unknown's cheeks are more full and rounded towards the lower half of the face.
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown has fuller cheeks. Both have similar shaped cheek bones. Unknown has a facial mark to the right of the mouth at the bottom of the nasolabial fold
HVURP4	Dissimilar	Unknowns cheeks are full and puffier in appearance than that of the knows. The right nasal crease appears to be further outward on the cheek than that of the unknown images.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	unknown has low, sagging cheeks, nasolabial creases dissimilar in location, contour, depth
KCVE8G	Dissimilar	KNOWN: High cheekbones, thin face and skin, neutral facial expression. UNKNOWN: Unknown has a mostly neutral facial expression, muscles of the cheeks are relaxed, the overall appearance of the skin is thick/full.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	K has pronounced zygomatic bones with a flat cheek that angles in towards the chin. Unk has wider/fuller/more rounded lower cheeks than the width of the zygomatic bones. Facial markings are visible on Unk but not comparable on K.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The cheekbones appear to be more prominent on the known. The cheeks appear to be fuller and sag more on the unknown. The lower middle portion of the cheeks appear to be wider on the unknown.
QFUJLW	Dissimilar	Cheeks are not similar in size/shape. Known's are flat; Unknown's are rounded. Neither are prominent
QKRZZB	Dissimilar	The fullness of the cheeks on the probe seem to be more compared to the candidate.
QT8L8U	Dissimilar	Height of cheek bones of the unknown appear much higher than that of the known.
QY9X6C	Dissimilar	Unknown cheeks are fuller and shorter in length, unknown has a black mark throughout the left cheek that is not visible in the known, there is a shadow on the knowns cheek appearing darker in spots, some of the cheeks are covered in the known due to hair, marks on the right cheek of unknown that are not visible in the known
RJB49C	Dissimilar	Known has thinner, less full cheeks than unknown.

Image Set Q3: Table 4.3(h) - Cheeks

WebCode	Observation	Feature Notes
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image has flat, almost no cheek protrusion.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	cheeks of the probe appear to be more full throughout the feature
UGXDTR	Dissimilar	the lower portion of the unknown's cheeks appear more full in shape
VGDWFB	Dissimilar	Cheekbone
WK96YB	Dissimilar	
X2TF24	Dissimilar	Zygomatic bones appear more prominent in U; cheeks appear much fuller in U, may be due to weight change
Z9L8L3	Dissimilar	Cheeks are rounder in the unknown and thinner in the known.
ZCKK6L	Dissimilar	shape, size, and cheekbone prominence is dissimilar, as the known's are triangular-like shaped smaller, flatter, and cheekbones are more prominent whereas the unknown's are more square-like in shape, fuller, rounder, and cheekbones are less prominent

Features Observations Response Summary - Q3 Cheeks		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	3 (4.9%)
	Dissimilar	53 (86.9%)
	Inconclusive	1 (1.6%)
	Unable to Compare	3 (4.9%)
	Not Applicable	1 (1.6%)

Image Set Q3: Table 4.3(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns nasal body is wider. Tip of the knowns nose is also more bulbous. Curvature of the nostrils is dissimilar, more slanted on the unknown. Creases on the left and right sides of the known's nostrils, not found on the unknown. Knowns columella is thicker.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The shape of the nose is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Bridge of nose on known is much wider.
8BND4V	Dissimilar	Unknown(2) has a slight more right angle to nose; nasal tip appears slightly more raised for Known(1) than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	nasal root indention and width are different, thickness down through body is different with unknown's narrowing and known's staying the same, ala shape as well as indention above alae are different, nostril shape is different, columella shape is different
9WM27B	Dissimilar	Overall shape and size of nose is dissimilar. The nasal body of known is wider than that of known. Nasal tip of known is more bulbous than that of unknown. Shape and thickness of alae is dissimilar. Known has a thicker columella than that of unknown.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Nasal outline: shape, length, width, prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape, size; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Dissimilar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose), Nasal base: nostrils (nasal openings)
A9BMPB	Dissimilar	Known has a more symmetrical nose.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk has thinner bridge, nose tip turns down, nostrils shaped different
BGZVPT	Dissimilar	Unknown has shorter body and rounded tip
BVKBTR	Dissimilar	wider nose on known, thicker center of nose.
BYKLNK	Dissimilar	

Image Set Q3: Table 4.3(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	nasal body nostrils, alae, columella differ
D3D3DQ	Dissimilar	Nose of known is straight and appears longer than the unknown's.
E2YXFT	Dissimilar	Longer and more symmetrical on known image, nasal base is different
E7JQ38	Dissimilar	Dissimilar nose body, tip, columella shape and size, alae and nostril shape, size and asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known has a more prominent nose with a higher and wider nasal body, more symmetrical nostrils, more angular alae, and wider columella.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has defined alae that stick out from the nasal tip. The unknown has alae that are smooth to the nasal tip. The known also has a wider nasal body
HVURP4	Dissimilar	The bridge of the knowns appears rounder and tunnel looking in appearance. The nostrils have a crease that is not present on the unknown image. The nasal base on the known image appears wider than that of the unknown.
J4778Z	Dissimilar	Nostrils and nasal shape are different
JEFCV2	Dissimilar	nose bridge thickness and shape dissimilar, nose tip shape and contour dissimilar
KCVE8G	Dissimilar	KNOWN: Similar in length and width to the Unknown subject's nose. The bridge of the nose is straight. The nostrils have a slight flare, are mostly even in size and have a slight upward curve. The base of the nose is straight across on a horizontal line and the overall appearance of the nose is comparable/equivalent in size to the rest of the features on the face. UNKNOWN: The unknown subject's nose is short, triangular in shape and has a slight sideways tilt with the left nostril lower than the right and there is a small discoloration on the left side, tip of the nose. The bridge of the nose is straight, smooth and free of curves, bumps, lumps and/or marks. The left nostril appears wider than the right nostril.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk appears to have a smaller nose that flares out slowly to a rather narrow nasal base and a more pointed nasal tip. K has a wider nasal body, a pinched nasal tip but wide ala and a wider nasal base. Facial markings are visible on Unk but not comparable on K.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	

Image Set Q3: Table 4.3(i) - Nose

WebCode	Observation	Feature Notes
PT369V	Dissimilar	
QCV8PW	Dissimilar	The nasal root appears to be flatter in the unknown. The nasal body appears to be thicker in the known. The nasal tip appears to be more bulbous, and the ala appear to fan out higher on the known. The columella appears to be more angled on the unknown.
QFUJLW	Dissimilar	Nasal root is not similar in width. Nasal body is not similar in size/shape/thickness. Known's is much thicker. Known's columella is thicker. Nasal tip is not similar in size/shape. Known's is more round
QKRZZB	Dissimilar	The shape of the nasal body appears to be dissimilar. The Nasal body of the candidate appears to be wider compared to the probe. The shape of the nostrils appears to be dissimilar. The shape of the nasal base appears to be different as well.
QT8L8U	Dissimilar	Dissimilarities- projection of the nose, unknown's nasal body appears thicker, unknowns nasal tip appears more pointed, the way the alae connect to the face, and alae shape.
QY9X6C	Dissimilar	Knowns bridge is thicker/wider, nasal root is narrower in the known, length of unknown is shorter, ala appears to be thicker in the known, nostrils flare out more in the known, nostrils appear to be smaller in the unknown, columella is thicker in the known, nasal base is wider in the known, nasolabial folds are dissimilar in size/location, mark on the bridge of the unknown that is not visible in the known, nose tilts more to the right near the base in the unknown
RJB49C	Dissimilar	Known's nose is broader at the bridge than unknown candidate and nostrils are more flared than unknown.
RTFBMC	Dissimilar	known has fuller bridge and rounded nostrils
T9A37R	Dissimilar	Known image nose is very projected with a sharp tip compared to the more rounded appearance of the unknown image.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	the alea of the candidate appear to flair upward more than probe with more of an indentation at the nasal tip - nasolabial folds appear to differ with probe being more prominent and straighter compared to the curved ones of the candidate
UGXDTR	Dissimilar	the unknown's nasal root appears wider; the known has more definition between the nasal body and the nasal alae; similar overall nasal tip width; the nostril shape and size appears different
VGDWFB	Dissimilar	Nostrils, columella
WK96YB	Dissimilar	
X2TF24	Dissimilar	Nasal root appears wider in U; nasal body appears more protruded and wider in K; nasal tip appears more rounded and larger in U; alae appears dissimilar in shape and thickness; left nostril appears higher than right in both, however nostrils appear dissimilar in shapes and sizes; columella appears wider in K; nose appears to deviate to right in U
Z9L8L3	Dissimilar	Known has a longer and wider nose than unknown. The width of the nostrils appears wider in the known.

Image Set Q3: Table 4.3(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	overall shape, size, and prominence is dissimilar, as the known's is cone-like shaped, larger, and protrudes more, whereas the unknown's is Erlenmeyer flask shaped, smaller, and protrudes at a lesser degree; the known's nasal bridge is narrower and nasal body widens at a gradual degree as the nasal base is approached, whereas the unknown's is wider at the nasal root and the width stays consistent along the nasal body and widens at the nasal base; the rounded nasal tip shape is somewhat similar, however the known's alar are larger, wider, and thicker; the unknown's nostrils are asymmetric in size, as the left is larger than the right, whereas the known's are more symmetrical in oval-like shape; the nasolabial folds are dissimilar in length, shape, prominence, symmetry, and proximity, as the known's are shorter, ending at the corners of the mouth, fainter, rounder, relatively symmetrical, and located further from the mouth corners, whereas the unknown's are curved at a smaller degree, longer, extending beyond the mouth corners, deeper, asymmetric with the left extended further past the mouth, and closer in proximity to the mouth

Features Observations Response Summary - Q3 Nose		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	0 (0.0%)	
Dissimilar	62 (100.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q3: Table 4.3(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on known or unknown.
3UFTE6	Not Applicable	
44J8XH	Unable To Compare	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Ears are not visible on either subject.
8BND4V	Unable To Compare	unable to compare details of ears due to being covered by hair
8FHAQ2	Unable To Compare	
8T7EYX	Unable To Compare	
9NAAFD	Not Applicable	unable to see ears in either due to hair
9WM27B	Unable To Compare	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images) Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGZVPT	Not Applicable	Unable to be seen, covered by hair
BVKBTR	Not Applicable	
BYKLNLR	Not Applicable	
CBAKDA	Dissimilar	
D2JEWV	Unable To Compare	
D3D3DQ	Unable To Compare	Hair is covering ears for both.

Image Set Q3: Table 4.3(j) - Ears

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears not visible - occlusion
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Unable To Compare	not visible for comparison
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Not Applicable	Not visible.
J4778Z	Not Applicable	
JEFCV2	Unable To Compare	both ears not visible due to hairstyle in both images
KCVE8G	Not Applicable	KNOWN: ears are covered by dark curly hair. UNKNOWN: Unknown's ears are covered by dark curly hair.
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	not visible in either.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	Not able to be compared due to hairstyle.
QFUJLW	Unable To Compare	Hair is covering ears in both
QKRZZB	Dissimilar	Cannot be compared
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Ears are covered in the known and unknown due to hair therefore cannot be compared
RJB49C	Unable To Compare	Ears are not visible on either.
RTFBMC	Not Applicable	not visible in either image
T9A37R	Not Applicable	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	

Image Set Q3: Table 4.3(j) - Ears

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Unable To Compare	unable to compare due to hair covering
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Unable To Compare	Obstruction of hair
Z9L8L3	Unable To Compare	Ears are obscured by hair and therefore a comparison cannot be conducted.
ZCKK6L	Unable To Compare	

Features Observations Response Summary - Q3 Ears			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	0 (0.0%)	
	Dissimilar	2 (3.2%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	39 (62.9%)	
	Not Applicable	20 (32.3%)	

Image Set Q3: Table 4.3(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Fissure on the unknown is slanted, appears to be straighter on the known. Marionette lines are found in similar locations but the unknowns right is more prominent. Knowns upper lip is fuller. Cupids bow is prominent on the unknown, not found on the known.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The thickness of the lips is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	More pronounced cupid's bow on unknown. Upper lip is much fuller/ larger on known.
8BND4V	Dissimilar	Unknown(2) has v-shape to cupid's bow; upper vermilion border of Known(1) appears to have rounder curve than Unknown(2); lower lip appears slightly thinner for Unknown(2) than Known(1) going toward right corner of mouth
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	lip sizes and shapes are different with known's lips being thicker, mouth end angles are different, unknown's mentolabial sulcus is more pronounced as known doesn't appear to have much of one
9WM27B	Dissimilar	Size and shape of overall mouth is dissimilar. The thickness of upper and lower lips is dissimilar. Upper vermilion boarder (cupids bow) of unknown is dissimilar from known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Lip fissure: shape, degree of contact, angle; Asymmetry Not comparable: (not visible in one or both images) Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Dissimilar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Dissimilar	Different shape. Cupids bow is flatter on known. Unknown has a tilt down to the left.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known has fuller lips. lip fissure has different shape
BGVPT	Dissimilar	Unknown has pronounced philtrum and a small mouth; known has rounded upper lip

Image Set Q3: Table 4.3(k) - Mouth

WebCode	Observation	Feature Notes
BVKBTR	Dissimilar	much fuller on known, cupid's bow on unknown not on known.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEV	Dissimilar	
D3D3DQ	Dissimilar	Mouth appears wider and lips more full in the know but that could be due to expression.
E2YXFT	Dissimilar	Visible asymmetry on unknown image, fuller lips on known image
E7JQ38	Dissimilar	Dissimilar mouth, fissure, lips shape, size and asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known philtrum more narrow. Dissimilar mouth shape, symmetry, and fullness. Known's upper lip vermilion border is more rounded with shallow cupid's bow.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has fuller lips. Unknown has a defined cupid's bow
HVURP4	Dissimilar	The known's mouth is fuller in the top and bottom lips. The lip fissure appears more linear/straight across than that of the unknown image. The unknown upper lip has a distinct cupid's bow present and the bottom lip in the center has a thicker ridge.
J4778Z	Dissimilar	upper vermilion border and lip size and shape are different
JEFCV2	Dissimilar	cupid's bow more pronounced in unknown, lips thicker and fuller in known, creases around mouth dissimilar
KCVE8G	Dissimilar	KNOWN: the upper lip vermilion border curves evenly from one side to the other. The cupid's bow is mostly smooth with only a very small rise and fall below the philtral column. The body of the upper lip appears wider than the lower lip and the philtral column protrudes outward. The oral commissures have a slight upward curve. The nasolabial folds are even, equal in size, shape and length on either side of the nostrils and mouth. The nasolabial folds extend slightly outward below the cheeks before dropping downward and ending at the corners of the mouth. There does not appear to be any smile lines or creases that extend past the mouth to the chin or jawline. UNKNOWN: The mouth has a slight tilt upward on the right side of the face and down on the left. The mouth is closed, lips pressed together with a slight grin. The upper lip appears longer and wider than the lower lip. The cupid's bow is well defined in an "m" shape around the lower portion of the philtral column. Both left and right oral commissures turn downward with defined smile lines/nasolabial folds on either side, reminiscent of parentheses clarifying a thought. Length of the mouth is short, overall appearance of the mouth is small in comparison to the rest of the features of the face.
KRWGN	Dissimilar	
KZ6KVM	Dissimilar	

Image Set Q3: Table 4.3(k) - Mouth

WebCode	Observation	Feature Notes
LYMV82	Dissimilar	Unk has a slight difference in expression. Unk has a deeper cupid's bow and very shallow philtrum with both lips being nearly equal in thickness, corner of mouth are downturned with deep nasolabial creases that are more vertically downwards than K's. K has a more rounded and faint nasolabial creases, has a larger upper lip that is fuller and flatter through the cupid's bow area and a wider philtrum. K has a straighter mouth fissure.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The right side of the upper lip appears to be higher in both subjects. The upper lip appears to be more rounded and larger on the known. The unknown's cupid's bow comes to a tight peak. The lower lip appears to have more variation in coloration. The shape of the fissure appears to be dissimilar.
QFUJLW	Dissimilar	Lips are not similar in thickness/shape/size. Vermillion border is not similar in shape/contour. Known's lips appear thicker. Philtrum is not similar in size/shape.
QKRZZB	Dissimilar	The shape of the upper lip along with fullness appears to be dissimilar between the probe and candidate.
QT8L8U	Dissimilar	Dissimilarities- the upper and lower vermilion boarder, thickness of the lips, fissure.
QY9X6C	Dissimilar	Both have mouth closed, lips are fuller in the known, color of the lips are redder in the known, fissure of the mouth is dissimilar, philtrum is larger in the known and has more of a crease, cupid bow is dissimilar, marionette lines are dissimilar in location/size, tubercle of upper lip is visible in the unknown but not the known, vermilion border is darker in the unknown, mark near the right side of mouth in the unknown that is not visible in the known
RJB49C	Dissimilar	Known candidate has round, more full upper lip. Unknown candidate has prominent dip in center of upper lip.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image vermilion borders are fuller and symmetrical.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	relative thickness of the lips appear to differ - angle of the upper vermilion border differs with the candidate having a more curved angle - lower lip of the probe appears to have a prominent overhang that is not seen on the candidate
UGXDTR	Dissimilar	similar overall size; the known appears to have more full lips; the shape of the upper lip appears different with a more prominent cupid's bow shape; the unknown appears to have a more prominent mentolabial sulcus
VGDWFB	Dissimilar	Upper lip and lower vermilion border

Image Set Q3: Table 4.3(k) - Mouth

WebCode	Observation	Feature Notes
WK96YB	Dissimilar	
X2TF24	Dissimilar	Distance from nasal base to upper vermillion border appears longer in U; upper and vermillion borders appear dissimilar in shape; lips appear fuller in K; texture and tone appear dissimilar; philtrum appears dissimilar in shape and width; mentolabial sulcus appears more prominent in U and closer to lower lip
Z9L8L3	Dissimilar	Lips are different shape, fuller in known than unknown. Upper vermillion border/cupid's bow more pronounced in unknown. Nasolabial fold more pronounced in unknown.
ZCKK6L	Dissimilar	known's mouth is larger than the unknown's; lip shape, fullness, and degree of protrusion is dissimilar, as the known's vermillion borders are rounded, lips are fuller, and protrude more, whereas the unknown's upper vermillion border is stretched "m" shape and lower is curved, and lips aren't as full; the darker pink color of the lips is similar, however the unknown's lower lips coloration is light in the center; the known's corner of the mouth curve upward whereas the unknown's slightly curve downward; the known's philtrum shape is difficult to compare due to the shadowing on the face, however it is not as deep as the unknown's; the unknown has a small short mentolabial sulcus visible that the known doesn't; the known has a skin tone colored, raised facial mark at the end of the right nasolabial fold that is not visible on the known; the known's mouth is level with the face, whereas the unknown's mouth is crooked with the right corner aligned higher on the face than the left corner

Features Observations Response Summary - Q3 Mouth		Total Participants: 62
Response	Percent Reported	
Similar	0 (0.0%)	
Dissimilar	62 (100.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q3: Table 4.3(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Curvature of the chin appears to be rounded on both subjects. Jawline appears to be wider on the unknown.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	One of the individual's jawline is symmetric, while the other individual's is asymmetric.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Known jaw line and chin have very straight lines and almost square. Unknown jaw line is softer with chin protruding down past jaw line
8BND4V	Dissimilar	chin protrusion of Unknown(2) appears slightly more prominent than Known(1), appears to have slightly rounder shape than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	unknown has wider jawline and wider gonial angles, known's chin appears more squared and unknown's more rounded and protrusive from face
9WM27B	Dissimilar	Gonial angle and jaw line are dissimilar. Width of chin is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Dissimilar	Chin, Gonial angle
A9BMPB	Inconclusive	Similar: Chin width. Dissimilar: More narrow jawline. Shape of chin.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk is more saggy, not as chiseled
BGVZPT	Dissimilar	Unknown has a rounded jawline and chin; known is more squared off jawline
BVKBTR	Dissimilar	jawline much skinnier on known. resemblance here, but not the same.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Known image is a little blurry but it seems that the known's chin is more rounded and the jaw not as wide set as the unknown.

Image Set Q3: Table 4.3(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Wider jawline on unknown image
E7JQ38	Dissimilar	Dissimilar chin and gonial angle shape, size and angle.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Dissimilar gonial angle, dissimilar chin prominence. Known has a shallow chin cleft. Mentolabial sulcus in Known is flatter, Unknown's is more rounded.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a wider, more square jaw line. Unknown has a more prominent chin
HVURP4	[Not Reported]	The chin of the unknown appears to be more cut out than that of the known image. The known's chine and jaw almost look consistent with no distinction.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	unknown more pronounced chin area (rounded), marks present on unknown not in known
KCVE8G	Dissimilar	KNOWN: The jawline has a wide appearance and although there is hair partially obstructing the sides of the forehead/top of head, the jawline seems to be almost equal in width to the width of the top of the head. Strong, jawline with subtle "U" shaped gonial angle. No mentolabial sulcus crease, just a slight curve inward above the chin and under the lower lip. UNKNOWN: has a wide, square, strong jaw, chin is round, protrudes slightly, with a small, indented mentolabial sulcus crease.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a heavier jawline with full cheeks sitting low on the face and on the jawline. Both have a smaller rounded chin. K has a narrower jawline and a smoother transition from jaw to chin.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The known's chin appears to be flatter, wider, and longer than the unknown. The unknown's mentolabial sulcus appears to be deeper.
QFUJLW	Dissimilar	Chin is similar in shape but not size. Jawline is not similar. Gonial angle is not similar
QKRZZB	Dissimilar	The contour of the jawline appears to be dissimilar between the probe and candidate.
QT8L8U	Dissimilar	Dissimilarities- the unknown's chin appears more square and pointed and the jawline appears narrower than that of the known.

Image Set Q3: Table 4.3(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Unknown jawline gonial angle sticks out further, jawline appears to be shorter in the unknown, chin protrudes out in both, length of the known chin appears to be longer, mentolabial sulcus is visible in the unknown but not the known, marks on the unknown chin that are not visible in the known
RJB49C	Dissimilar	Known has a narrow jawline. Unknown has more round jawline.
RTFBMC	Dissimilar	age/weight difference
T9A37R	Dissimilar	Known image has projected chin. Unknown image has wide jawline.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	chins appear to be similar between subjects - jawline appears to differ with the probe being more rounded and broad compared to the more narrow jawline of the candidate
UGXDTR	Dissimilar	the unknown appears to have a more prominent chin; the known appears to have a more sharper shaped jawline
VGDWFB	Dissimilar	Angle of the jaw
WK96YB	Dissimilar	
X2TF24	Dissimilar	Chin appears wider and longer in K; jawline appears wider in U and dissimilar in shape/definition
Z9L8L3	Dissimilar	Known's chin is slightly wider than unknown.
ZCKK6L	Dissimilar	he square-like shape of the jawline is somewhat similar, however the known's is softer and shorter, whereas the unknown's is more defined, longer, and the gonial angle is more prominent; chin height and prominence is similar, however the known's chin is wider, symmetric, and flatter, whereas the unknown's is narrower and more of a rounded bulge shape

Features Observations Response Summary - Q3 Chin/Jawline		Total Participants: 60
Response	Percent Reported	
Similar	6 (10.0%)	
Dissimilar	52 (86.7%)	
Inconclusive	2 (3.3%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q3: Table 4.3(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Length of the knowns neck is longer. Unknown has neck creases, not found on the known.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The length and size of the neck and the wrinkles on the neck are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known neck is much longer. Facial marks notes on neck of unknown.
8BND4V	Dissimilar	Unknown(2) appears to have slightly wider neck and more neck wrinkles visible
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	unknown's larynx sticks out down through neck, unknow has neck lines not visible on known
9WM27B	Dissimilar	Width and height of neck is dissimilar. neck lines and marks (freckles) observed on unknown are not observed on known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall neck: height Not comparable: (not visible in one or both images) Overall neck: width, details; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Dissimilar	Neck (overall)
A9BMPB	Dissimilar	Known has a longer neck.
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	unk has saggy neck, blurred in known pic
BGZVPT	Dissimilar	Known has a longer neck
BVKBTR	Dissimilar	longer looking neck on known.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVV	Dissimilar	length differ
D3D3DQ	Dissimilar	Unknown's neck appears shorter.
E2YXFT	Dissimilar	Longer on known image

Image Set Q3: Table 4.3(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar neck length and width.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known's neck is longer and more narrow than Unknown's
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Similar width but unknown has a more prominent laryngeal prominence
HVURP4	Dissimilar	There are creases and freckles visible on the unknown image that are not visible on the known image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	marks and creases present on unknown not visible on known
KCVE8G	Dissimilar	KNOWN: Image quality is slightly out of focus, lacking detail. The neck is long, lean and free of marks, lines, and/or blemishes UNKNOWN: full, round and unremarkable in weight. There are 2 faint lines across the center of the neck.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Inconclusive	Quality of K does not allow for a detailed comparison
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The neck appears to be longer and thinner on the known. The unknown appears to have more neck wrinkles present.
QFUJLW	Dissimilar	Similar in width but not in length. neck wrinkles are only visible in the Unknown.
QKRZZB	Dissimilar	The candidate appears to have a longer neck compared to the probe.
QT8L8U	Dissimilar	The thickness of the neck appears similar but the known has more prominent horizontal lines on the neck.
QY9X6C	Dissimilar	Known neck appears to be longer, the unknown has neck creases visible but the known are not as noticeable but could be due to quality of image, marks throughout the unknown neck that are not visible in the known, the known neck appears to be narrower
RJB49C	Dissimilar	Known candidate has a narrow neck and no noticable features. Unknown has a wider neck with prominent throat and visible creases.
RTFBMC	Dissimilar	age/weight difference
T9A37R	Similar	

Image Set Q3: Table 4.3(m) - Neck

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67NZD	Dissimilar	
U8BE68	Dissimilar	neck of the probe appears to have creases present along with freckle like markings, not seen on candidate though the quality/lighting is not great
UGXDTR	Dissimilar	the known's neck appears more narrow and elongated than the unknown; the unknown has prominent neck creases that aren't present on the known
VGDWFB	Dissimilar	Laryngeal prominence, wrinkles, folds
WK96YB	Inconclusive	
X2TF24	Dissimilar	Neck appears wider in U and longer in K; neck creases present on U, not visible on K, may be due to image quality or aging
Z9L8L3	Dissimilar	Known's neck is longer than unknown. Neck lines seen in unknown, difficult to see in known due to fuzziness in image quality.
ZCKK6L	Dissimilar	width, length, and musculature is dissimilar, as the known's is narrower, longer, and smooth, whereas the unknown's is wider, shorter, and thicker; the unknown has several neck creases and three facial marks along the left side that are not visible/ present on the known

Features Observations Response Summary - Q3 Neck		Total Participants: 61
Response	Percent Reported	
Similar	5 (8.2%)	
Dissimilar	50 (82.0%)	
Inconclusive	4 (6.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	1 (1.6%)	

Image Set Q3: Table 4.3(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Dissimilar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images) Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Not Applicable	No facial hair observed.

Image Set Q3: Table 4.3(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	nasolabial folds are different
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	KNOWN: None UNKNOWN: none
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q3: Table 4.3(n) - Facial Hair

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	Neither have facial hair
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q3 Facial Hair			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.6%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	2 (3.3%)	
	Not Applicable	56 (91.8%)	

Image Set Q3: Table 4.3(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Nasolabial folds are longer and more prominent on the unknown. Inferior palpebral creases on unknown, not found on the known. Mentolabial sulcus prominent on the unknown, not found on the known.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The degree of nasolabial fold is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Dissimilar	Lines are nose and mouth are not the same between the subjects.
8BND4V	Dissimilar	right nasolabial fold of Unknown(2) appears to have straighter/more prominent curve while Known(1) appears to have rounder curve; left nasolabial fold has straighter curve that curves further down past mouth for Unknown(2) than Known(1)
8FHAQ2	Unable To Compare	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	nasolabial lines are different in angle, curvature and depth around mouth with unknown's appearing deeper
9WM27B	Dissimilar	crows feet and Periorbital creases observed in unknown are not visible in known. Nasolabial fold length, depth and placement are dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Vertical glabellar; Superior palpebral crease; Inferior palpebral crease; Infraorbital crease; Mentolabial sulcus; Nasolabial crease Not comparable: (not visible in one or both images) Frontal lines; Nasion crease; Lateral nasal lines; Bifid nose crease; Periorbital lines; Circumoral striae; Marionette lines; Cleft chin; Buccal creases; Wrinkles on neck; Other creases
A8F4MA	Dissimilar	Right and left superior palpebral crease, Right and left infraorbital creases, Right and left nasolabial crease/folds
A9BMPB	Dissimilar	Superior palpebral. Nasolabial.
AE2ZQY	Not Applicable	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	marionette lines are deeper in unk face
BGZVPT	Dissimilar	Unknown has pronounced nasolabial fold line
BVKBTR	Dissimilar	lines are deeper and longer on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q3: Table 4.3(o) - Facial Lines

WebCode	Observation	Feature Notes
D2JEVW	Dissimilar	
D3D3DQ	Similar	Both appear to have similar facial lines, but image of known is a little blurry and her glasses may be casting a shadow on her face.
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Variation in superior palpebral crease relative placement.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Nasolabial creases in Known are dissimilar in length, shape, and depth compared to the Unknown. Unknown has neck creases, which are not visible in Known (due to image quality?)
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	known has 2 nasolabial folds on each side. Possibly due to lighting from glasses. Unknown has more defined nasolabial folds
HVURP4	Dissimilar	Visible lines/creases under the eyes on the unknown image. The nasal lines are all also more visible/distinct on the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	see features
KCVE8G	Not Applicable	KNOWN: None UNKNOWN: previously noted
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Unable To Compare	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The nasolabial lines appear to be more pronounced on the unknown. The rest of the facial lines are not able to be compared due to quality.
QFUJLW	Dissimilar	Nasolabial folds are not similar in size/shape. Mentolabial sulcus is not similar in location/shape. Unknown's is smaller and located closer to the bottom lip.
QKRZZB	Dissimilar	Quality of the candidate makes it difficult to compare the facial lines if present.
QT8L8U	Dissimilar	Shape of the nasal labial folds appears dissimilar as well as where they start on the face.
QY9X6C	Not Applicable	

Image Set Q3: Table 4.3(o) - Facial Lines

WebCode	Observation	Feature Notes
RJB49C	Dissimilar	Nasal folds are more rounded on known candidate. Unknown has straighter nasal folds that extend below corner of the mouth.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known image has no visible neck lines while the unknown image has many.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67NZD	Dissimilar	
U8BE68	Dissimilar	mentioned in the eyes, nose, mouth and neck sections of this comparison
UGXDTR	Dissimilar	the unknown has more prominent nasolabial folds that are shaped different than the known's
VGDWFB	Dissimilar	Nasolabial fold ,infraorbital crease
WK96YB	Dissimilar	
X2TF24	Dissimilar	Vertical glabellar lines present on U, not visible on K; nasolabial folds appear dissimilar in shape/size/definition; inferior palpebral creases, periorbital creases, infraorbital creases all appear present in U, not visible on K
Z9L8L3	Dissimilar	Slight creases observed between eyebrows in unknown that is not seen in known. Nasolabial folds are present in both, but different in shape and length
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q3 Facial Lines			Total Participants: 61
	Response	Percent Reported	
	Similar	5 (8.2%)	
	Dissimilar	48 (78.7%)	
	Inconclusive	0 (0.0%)	
	Unable to Compare	5 (8.2%)	
	Not Applicable	3 (4.9%)	

Image Set Q3: Table 4.3(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images)
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Unable To Compare	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Unable To Compare	Image of known is a little blurry.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q3: Table 4.3(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	None visible.
J4778Z	Dissimilar	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	KNOWN:None UNKNOWN: no notable scars
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Inconclusive	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Dissimilar	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Dissimilar	- There are some mark/scars on the unknown but not visible on the known – this could be due to quality.
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	na
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q3: Table 4.3(p) - Scars

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	No distinct scars observed
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q3 Scars			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	2 (3.3%)	
	Dissimilar	3 (4.9%)	
	Inconclusive	4 (6.6%)	
	Unable to Compare	5 (8.2%)	
	Not Applicable	47 (77.0%)	

Image Set Q3: Table 4.3(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Brown facial marks on the unknown's forehead and cheeks, not found on the known. Marks on the unknowns neck, not found on the known.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Dissimilar	One of the individuals has visible acne while the other individual does not.
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Dissimilar	Unknown has some darks patches of skin on forehead and cheeks and has facial marks on neck and a mark near right corner of mouth. No obvious facial marks notes on known.
8BND4V	Unable To Compare	unable to compare smaller/fainter facial marks that may be present for Known(1) due to quality
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	unknown has marks on cheeks and neck not visible on known
9WM27B	Unable To Compare	Due to image quality, facial marks were not used in this comparison as detail to this level was not observable in known image.
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images)
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Unable To Compare	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Dissimilar	marks on unknown not on known.
BYKLNK	Dissimilar	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Unable To Compare	Image of known is a little blurry.
E2YXFT	Unable To Compare	

Image Set Q3: Table 4.3(q) - Facial Marks

WebCode	Observation	Feature Notes
E7JQ38	Unable To Compare	Facial marks not observed in the Known. Image quality limitation.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Unable To Compare	Unable to see marks on Known due to image quality. Unknown has mark at right corner of mouth, on bottom left side of chin, and several marks on the neck.
FG99H7	Not Applicable	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Notated under cheeks
HVURP4	Inconclusive	Center upper region of the forehead of the unknown there is a discoloration and a white mark in the "11" region that is not on the known image.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	see features
KCVE8G	Not Applicable	KNOWN: None UNKNOWN: noted above
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Inconclusive	Facial markings are visible on Unk but not comparable on K.
MMPAFW	Unable To Compare	
MX9NJY	Dissimilar	
NPD6JF	Unable To Compare	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	- There are some mark/scars on the unknown but not visible on the known – this could be due to quality.
QFUJLW	Unable To Compare	Facial markings are only visible in the Unknown and not Known due to image quality.
QKRZZB	Not Applicable	
QT8L8U	Unable To Compare	
QY9X6C	Not Applicable	
RJB49C	Inconclusive	Known has no distinct facial marks (possibly due to low clarity of photo), whereas, unknown has what appears to be a bump near the right corner of her mouth.
RTFBMC	Inconclusive	image quality
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	

Image Set Q3: Table 4.3(q) - Facial Marks

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67Nzd	Not Applicable	
U8BE68	Dissimilar	facial marks can be seen throughout the face of the probe - candidate images is lesser quality/lighting and has loss of detail
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Facial marks present on U that aren't visible on K, may be due to poorer quality in K
Z9L8L3	Dissimilar	Moles and age spots observed in unknown that are not in known, but the image is also blurry so a complete comparison cannot be conducted
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q3 Facial Marks		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	3 (4.9%)	
Dissimilar	17 (27.9%)	
Inconclusive	7 (11.5%)	
Unable to Compare	16 (26.2%)	
Not Applicable	18 (29.5%)	

Image Set Q3: Table 4.3(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	age
2XLVQ2	Dissimilar	Known is wearing glasses. Difference in image quality.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Dissimilar	Known(1) is wearing glasses
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	Age
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images)
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	Known is wearing glasses
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEWV	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Dissimilar	Glasses and pierced ears on known image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Dissimilar	

Image Set Q3: Table 4.3(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	[No observations reported for this feature.]	
EYNFWN	[Not Reported]	Known is wearing glasses
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	known wearing glasses, unknown is not
KCVE8G	Not Applicable	none. Both Known and Unknown: Possible changes in hair color/hair dyed
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Age
PT369V	Similar	facial expression
QCV8PW	Dissimilar	Glasses on the known, earrings on the unknown
QFUJLW	Dissimilar	Both have dyed their hair. Known's is burgundy and Unknown's is dark with blonde tips.
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Known has glasses on
RJB49C	Not Applicable	
RTFBMC	Inconclusive	unknown has earrings visible
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Dissimilar	the known is wearing glasses

Image Set Q3: Table 4.3(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Inconclusive	Both appear to be wearing makeup, however it appears dissimilar in tone of eyebrows/lips
Z9L8L3	Not Applicable	No alterations observed
ZCKK6L	Inconclusive	known is wearing glasses

Features Observations Response Summary - Q3 Alterations			Total Participants: 57
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (5.3%)	
	Dissimilar	12 (21.1%)	
	Inconclusive	5 (8.8%)	
	Unable to Compare	2 (3.5%)	
	Not Applicable	35 (61.4%)	

Image Set Q3: Table 4.3(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison limitations		The Limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, resolution and a number of other imaging conditions.
AE2ZQY	shoulders	Dissimilar	
BGZVPT	Clarity	Dissimilar	Known is out of focus and a little fuzzy
E7JQ38	Limitations	NotApplicable	Image quality, lighting, occlusion (hair and glasses).
EYNFWN	image quality		Known image is lower quality
PT369V	unsymmetry	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Unknown image is clearer, the known image is slightly blurry, both frontal images, unknown image appears to have better lighting and not as dark as the known image
RJB49C	Age	Dissimilar	There appears to be an age difference between known and unknown.
TQ9EET	Race	Dissimilar	Race shows support for dissimilar
BGZVPT	Age	Dissimilar	Unknown appears older

Detailed Feature Observations

TABLE 4 - Image Set Q4

Image Set Q4: Table 4.4(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin is similar, fair on known and unknown. Skin is smooth on both subjects.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The skin tone is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects are white females with light skin, red color on cheeks.
8BND4V	Similar	appears to have similar skin tone, slight difference can be from lighting; skin texture appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar in tone, texture, and luminance
9WM27B	Similar	Skin texture and tone is similar.
A4GTRA	[Not Reported]	Similarities: Overall skin appearance: texture Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall skin appearance: tone
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar in texture and color
BGZVPT	Similar	Similar in texture and color
BVKBTR	Similar	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar.

Image Set Q4: Table 4.4(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar texture
E7JQ38	Similar	Similar tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar tone and texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Texture, tone and color are similar.
HVURP4	Similar	Similar skin texture and coloring.
J4778Z	Similar	Appears similar color and texture
JEFCV2	Similar	similar coloring, lighting is an issue
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent light colored skin with pinkish tone that is equally free from marks, blemishes, lines and scars. Both subjects appear to be the same age/no age difference.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have light skin that appears clear of blemishes and both have a few facial marks that are consistent.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to have a similar light skin tone and common areas of red/flush skin. The skin texture appears to be mostly smooth on both.
QFUJLW	Similar	Skin is similar in light color. Skin is mostly clear. The pink hues in the face are similar in location/size/shape.
QKRZZB	Similar	Skin tones are similar between the probe and candidate.
QT8L8U	Similar	Texture and coloring appear similar
QY9X6C	Dissimilar	Tone is lighter in the unknown but could be due to lighting/age/makeup, known has redder throughout the cheeks but could be due to makeup/lighting, texture is smooth in both
RJB49C	Similar	Skin is smooth with similar coloring and lack of blemishes.
RTFBMC	Similar	
T9A37R	Similar	Both have smooth, blemish-free skin.

Image Set Q4: Table 4.4(a) - Skin

WebCode	Observation	Feature Notes
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	skin tone and texture appears to be similar in light complexion and smooth texture
UGXDTR	Similar	similar skin tone, texture and luminance
VGDWFB	Similar	Luminance and color
WK96YB	Similar	
X2TF24	Similar	Skin appears similar in texture; overall tone appears brighter in U, may be due to lighting; similar variation in redness
Z9L8L3	Similar	Both are caucasian females
ZCKK6L	Similar	smooth texture, olive complexion, and redness throughout the forehead and cheek regions is similar; highlighting and shadowing on the contours of the face are similar, indicating that the underlying musculature and bone structure is similar; the known image has significant shadowing present on entirety of the face

Features Observations Response Summary - Q4 Skin		Total Participants: 62
Response	Percent Reported	
Similar	60 (96.8%)	
Dissimilar	1 (1.6%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q4: Table 4.4(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	The overall size of the head is similar. Head is similarly rounded.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The shape of the face is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Overall head shape is similar
8BND4V	Similar	similar shape to face/head outline
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have similar headshapes
9WM27B	Similar	overall head and face shape is similar
A4GTRA	[Not Reported]	Similarities: Overall shape of the face Not comparable: (not visible in one or both images) Shape of the cranial vault
A8F4MA	Similar	overall shape of face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar in shape
BGZVPT	Similar	Similar in shape
BVKBTR	Similar	similar outline and roundness of face.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Both have oval shaped faces.
E2YXFT	Similar	Similar overall shape
E7JQ38	Similar	Similar overall shape of face.
E9D7GU	Similar	

Image Set Q4: Table 4.4(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9YHHN	Similar	
EYNFWN	Similar	similar shape and size
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Overall shape of the face and cranial vault are similar
HVURP4	Similar	Face/head outline appear to be similar in shape and size.
J4778Z	Similar	
JEFCV2	Similar	similar curvature along outline
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent contour, consistent placement of features. Features are consistent in size, weight and symmetry.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have more rounded faces, with a wider point near the zygomatic bones.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The face/head outline appears to be similar with a generally oval shaping with a wider section around the cheek bones.
QFUJLW	Similar	Outline is similar in diamond shape.
QKRZZB	Similar	The two individuals have a similar face outline.
QT8L8U	Similar	head outline obstructed by hair. facial outline appears similar
QY9X6C	Similar	Overall head shape is similar being oval, width is similar, height is similar
RJB49C	Similar	The face/head outline for both appears the same.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	general head outline appears to be similar from cranial vault to the chin/jawline

Image Set Q4: Table 4.4(b) - Face/Head Outline

WebCode	Observation	Feature Notes
UGXDTR	Similar	similar overall facial shape with both individuals having a diamond facial shape; similar cranial vault shape
VGDWFB	Similar	Overall shape of face
WK96YB	Similar	
X2TF24	Similar	Overall shape of face appears similar
Z9L8L3	Similar	Similar outline, shape of facial features (length of face, forehead, cheeks, neck, etc)
ZCKK6L	Similar	size and oval shape with the widest part of the face at the cheekbones is similar

Features Observations Response Summary - Q4 Face/Head Outline		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	60 (96.8%)
	Dissimilar	0 (0.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	1 (1.6%)
	Not Applicable	1 (1.6%)

Image Set Q4: Table 4.4(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Nose to mouth distance is closer on the known, possibly due to the difference in expressions.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The overall distance of eye, nose, and mouth relative to each other is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Known subject has a large smile on face causing features to be more compressed towards the center. Unknown has a neutral expression so features are farther apart than known.
8BND4V	[Not Reported]	distance from nasal tip to upper lip appears slightly shorter for Known(1) than Unknown(2) which can be due to angle difference of head and expression difference; intercanthal distance appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	features are in similar positions relative to the other features in both known and unknown
9WM27B	Similar	facial composition is similar; spacing between placement of facial features is similar.
A4GTRA	[Not Reported]	Similarities: Approximate distance from chin to lower lip relative to face length; Eye position relative to face length Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length; Ear position relative to mouth Not comparable: (not visible in one or both images) Ear position relative to eyes and nose
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	same in area between eyes, bottom lip to chin, ear placement
BGVPT	Similar	Similar in proportion
BVKBTR	Similar	
BYKLN	Similar	
CBAKDA	Similar	

Image Set Q4: Table 4.4(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Similar	Feature positions are similar in both.
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Similar	Similar eye asymmetry.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar feature placement and spacing
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Relative distance between the facial features is similar. Facial features are also in the same approximate location in both
HVURP4	Similar	Face/head composition appears to have the features located in the same location.
J4778Z	Similar	
JEFCV2	Similar	expression may be affecting some features, but overall similar
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent high curvature of the hairline. The hair of both is equal in dark color, long, wavy length, part is consistent on the right side of the head and although each of the images have long, wavy dark hair, the hair is thin at the hairline. The hair growth is consistent across the hairline in that the hair grows up and curves over to the left side of the head creating what appears to be a natural part on the right side of the head, almost vertical to the outer edge of the lateral canthus of the right eye. Both have long, wavy dark hair that rests behind the shoulders.
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have large features that take up much of the face, with smaller foreheads and chins.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The features of the face appear to have a similar positioning when taking the expression change of the known into account. The left eyes appear to be located higher on both subjects.
QFUJLW	Similar	Features are placed on the face in a similar fashion. The nose is placed at a similar distance between the mouth and eyes. Intercanthal distance is similar. Mouth is placed a similar location between nose and chin

Image Set Q4: Table 4.4(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QKRZZB	Similar	The intercanthal distance between the probe and candidate appears to be similar. The distance from the top of the forehead to the eyebrows appears to be similar in distance. AS well as the distance from the nasal base to the upper lip looks to be similar.
QT8L8U	Similar	Head obstructed by hair. Face composition appears similar
QY9X6C	Similar	Distance between eyes is similar, distance from eyes to mouth is similar, distance from nose to mouth appears shorter in the known due to expression
RJB49C	Similar	No noticeable differences.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	relative shape and size of features appear to be similar
UGXDTR	Similar	similar relative size, proportion and location of the facial features to one another;
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Similar	Facial features appear similar in relationship to each other
Z9L8L3	Similar	Similar composition, no dissimilarities noted
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features are consistent with respect to each other and their location on the face

Features Observations Response Summary - Q4 Face/Head Composition		Total Participants: 59
<u>Response</u>	<u>Percent Reported</u>	
Similar	56 (94.9%)	
Dissimilar	1 (1.7%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.4%)	

Image Set Q4: Table 4.4(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone and style of the hair is similar. Hairline has a similar curvature. Fullness of the hair is similar. Texture of the hair is curly on known and unknown.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The hair style is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have long dark curly hair with a side part (hair at part flows the same on both). Curls on unknown are more defined.
8BND4V	Similar	both appear to have similar hair texture and color, both have curl to hair; Unknown(2) appears to have more prominent curling to hair which can be due to difference in styling; forehead hairline follows similar curve/shape; what is visible of right hairline appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar texture, tone, lay and growth pattern, similar frontal hairline curvature
9WM27B	Similar	hair color, texture, length, density and distribution is similar; frontal hairline is similar. natural part to the same side is similar.
A4GTRA	[Not Reported]	Similarities: Hair: shape/spatial distribution, texture, symmetry, density, tonality; Forehead hairline: shape; Hairline right side: shape Not comparable: (not visible in one or both images) Hairline left side: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Similar	Forehead hairline, Hairline right side, Hairline left side
A9BMPB	Similar	Hairline forehead
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar hair line, texture, color
BGZVPT	Similar	Similar length, color, thickness
BVKBTR	Similar	same hairline, similar color/texture,
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q4: Table 4.4(d) - Hair

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Hair thickness, color, and texture are similar. Hair part is is similar as well.
E2YXFT	Similar	Similar texture
E7JQ38	Similar	Similar hair style, length and tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar color, curls, thickness; similar hairline with downward dip on left upper forehead
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hair is similar texture and color. The hairline is similar in both. The hair growth is the same. Both have hair that tends to grow to the right but is swept to the left.
HVURP4	Similar	Hair color and texture and growth pattern across the top of the forehead appear consistent.
J4778Z	Similar	Similar color and texture
JEFCV2	Similar	similar color, texture, a little more springy in unknown picture
KCVE8G	Similar	Both have long, wavy dark hair that rests behind the shoulders.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have dark hair that appears to have a loose wave to it. Both part the hair on the R side of forehead and have a similar rounded hairline.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The hairline appears to be similar with an angled portion on the right side and a generally trapezoidal shaping. The hair color and texture appear similar, and the hair is parted in the same location.
QFUJLW	Similar	Hair is similar in color/texture. Length can not be compared.
QKRZZB	Similar	The hair texture and color appears to be similar between the probe and candidate. The hairline of the probe and candidate look to be consistent
QT8L8U	Similar	Hairline, texture, and curl pattern appear similar
QY9X6C	Similar	Both have long dark curly hair, part is similar in location/direction, right side hair line is similar, left side is covered by hair laying on forehead
RJB49C	Similar	Hair is consistent in color, style, length and location of part.
RTFBMC	Similar	

Image Set Q4: Table 4.4(d) - Hair

WebCode	Observation	Feature Notes
T9A37R	Similar	Similar cowlick.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	the color and texture of the hair appears to be similar - hairline around the forehead appears to be similar
UGXDTR	Similar	similar forehead hairline growth pattern; similar hair color and texture with both having dark brown hair with a curly texture
VGDWFB	Similar	Shape/spatial distribution, part line
WK96YB	Similar	
X2TF24	Similar	Hair appears similar in texture/color/style; hairline appears similar in shape
Z9L8L3	Similar	Both have curly, brown hair, part is in the same place and styled the same
ZCKK6L	Similar	hairline shape along the forehead is consistent; dark brown color, length, wavy nature, and apparent thickness is similar; unknown's waves/curls are slightly more defined but this can be attributed to differences in product application/ time of day; growth pattern/ distribution is consistent and is parted at the same location

Features Observations Response Summary - Q4 Hair		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	60 (96.8%)
	Dissimilar	0 (0.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	0 (0.0%)
	Not Applicable	2 (3.2%)

Image Set Q4: Table 4.4(e) - Forehead

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Shape of the forehead is similar. Minimum protrusion on known and unknown. Luminance above the brow is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The width of the forehead is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Similar size and shape
8BND4V	Similar	similar relative width/height of forehead
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size and shape, similar contouring
9WM27B	Similar	height and width of forehead is similar.
A4GTRA	[Not Reported]	Similarities: Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Similar	Forehead shape
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar distance in height
BGZVPT	Similar	Similar in shape and area
BVKBTR	Similar	similar shape of forehead.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Size and shape are similar. There is a mark on the forehead in same position.
E2YXFT	Similar	Similar hairline, size, shape and brow ridges
E7JQ38	Similar	Similar forehead height, hairline and right side hairline shape.

Image Set Q4: Table 4.4(e) - Forehead

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar in size and shape
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar shape and size. Neither have prominent forehead creases. Both have a facial mark in the middle of the forehead above the nose
HVURP4	Similar	The forehead is similar in shape and width and length. There appears to be a consistent marking in the center of the forehead.
J4778Z	Similar	
JEFCV2	Similar	similar mark in lower center of forehead, similar mark above eyebrow
KCVE8G	Similar	KNOWN AND UNKNOWN's foreheads are consistent in width, shape/contour, height, and equally free from creases. There appears to be a faint mark/discoloration (small darker pink spot) slightly to the left of center (looking at the images) just above the glabella area over the right eye that is consistent in both images. The top of the forehead is narrow, high and widens as you follow the contour of the hairline toward the right and left area of the temples.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have small rounded foreheads with a rounded hairline. Both have a small, faint, round facial mark near the center of the forehead.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The forehead appears to have a similar trapezoidal shape however there does not appear to be any other remarkable details on either subject except those explained below.
QFUJLW	Similar	Forehead is similar in width/length/shape.
QKRZZB	Similar	The overall shape and contour of the forehead appears to be consistent between the probe and candidate. The brow ridge of the probe and candidate appears to be similar.
QT8L8U	Similar	Height and width appear to be similar
QY9X6C	Similar	Height is similar, width is similar, both have a mark in the center of forehead that is similar in location/size/shape, brow ridge is similar in location
RJB49C	Similar	Forehead is the same height and width.
RTFBMC	Similar	

Image Set Q4: Table 4.4(e) - Forehead

WebCode	Observation	Feature Notes
T9A37R	Similar	Very similar brow ridge and hairline.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	forehead appears to be similar in shape and size - single round mark can be seen in the medial region of the forehead above the nasal bridge
UGXDTR	Similar	similar forehead length; similar brow ridge prominence; similar lack of frontal lines; similar facial mark in size, prominence and location in the lower middle part of the forehead
VGDWFB	Similar	Relative height, Relative width
WK96YB	Similar	
X2TF24	Similar	Forehead appears similar in relative height and width; brow ridges appear similar in prominence
Z9L8L3	Similar	Forehead is similar shape and size. No define crease in either. Facial mark in the middle in the same place in both the unknown and known
ZCKK6L	Similar	subtly curved along the sides, flat front, and backward slanting contour and smooth musculature is similar; dome-like shape, small width, and short height is all consistent; both have a subtle/faint facial mark or scar in the center that is similar in shape, size, and appearance

Features Observations Response Summary - Q4 Forehead		Total Participants: 62
	Response	Percent Reported
	Similar	61 (98.4%)
	Dissimilar	0 (0.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	1 (1.6%)
	Not Applicable	0 (0.0%)

Image Set Q4: Table 4.4(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Knowns eyebrows are partly covered by their glasses. The arch of the eyebrows appears to be similar. Thickness of the brows are similar. Tail of the brows end in similar locations. Similar faint line of growth above the left eyebrow. Distance from the eyebrows are similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The eyebrow shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Eyebrows are similar in size, shape and color. There is a thin line above top of left eyebrow on both. There is also a slight break in the top middle eyebrow on unknown and can partially be seen on known but is partially covered with eyeglasses.
8BND4V	Similar	difficult to compare much of eyebrows as eyebrows are partially covered by glasses for Known(1); what is visible of curve/shape of medial end of left eyebrow appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have line scar above left eyebrow, similar starting points at medial ends, similar thickness though part of brows covered by known's glasses
9WM27B	Similar	growth, grooming, color, distribution, shape, size, texture is similar. Vertical end position of medial eyebrow relative to medial canthus (L and R) are similar.
A4GTRA	[Not Reported]	Similarities: Shape - visible portions; Size - visible portions; Position - visible portions; Density of hair - visible portions; Hair details - visible portions; Asymmetry - visible portions Not comparable: (not visible in one or both images) Conjoined
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Similar	Small dip in upper ridge R side. Partly covered by glasses
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar shape and thickness
BGZVPT	Similar	Although known is partially blocked by glasses you can still see similarities
BVKBTR	Similar	similar and sameness of shape of eyebrow, similar fullness.
BYKLNK	Similar	
CBAKDA	Similar	

Image Set Q4: Table 4.4(f) - Eyebrows

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Similar	Eyebrow color, shape, and thickness appear similar even though they are partially covered by glasses in the known.
E2YXFT	Similar	Texture and shape seem similar
E7JQ38	Similar	Similar eyebrow tone and left eyebrow hair distribution and asymmetry.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Known's is partially obscured by frames of glasses; similar starting and ending points, similar shallow arch, similar grooming
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Inconclusive	Known's eyebrows are partial obstructed due to glasses. From what you can see they appear to be similar in shape and fullness
HVURP4	Similar	Similar in shape, texture and hair growth pattern.
J4778Z	Similar	
JEFCV2	Similar	similar hair growth pattern, unique space between heightened outside portions
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent dark colored eyebrows with consistent growth pattern. Even though the brows of the known image are partially covered by dark glasses, it is still clear that the brow ridge is consistent in shape and protrusion and the eyebrows are consistent in length, shape, contour and grooming. Both have dark, short eyebrows that fade in thickness and texture from the arch of the brow ridge to the end.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	K has glasses that are blocking part of the brow. Both appear to have dark brows and a similar L medial edge of L brow.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The right eyebrow appears to have a similar hair color and texture. The arc of the right brow (where visible) appears to have a similar contour. On both subjects the lateral portion of the right brow extends past the lateral canthus. The left brow appears to have a more triangular medial portion and then tapers out thinner (where visible) laterally. The left brow has a similar dark and ungroomed shaping in the medial portion.
QFUJLW	Similar	Eyebrows are similar in thickness/shape/color.

Image Set Q4: Table 4.4(f) - Eyebrows

WebCode	Observation	Feature Notes
QKRZZB	Similar	The shape and growth pattern of the eyebrows appear to be consistent between the two individuals.
QT8L8U	Similar	Eyebrow of the known partially obstructed. Visible portion of the brows have similar growth pattern, grooming, density, and color.
QY9X6C	Similar	Glasses is covering some of the eyebrows in the known, distance apart is similar, color is similar, shape is similar, distance from eyes is similar, distance to lateral canthus is similar, the right eyebrow has a piece that is slightly thicker towards the end that is similar in both
RJB49C	Similar	Same color, style and length of eyebrows.
RTFBMC	Similar	partially hindered by glasses in known
T9A37R	Similar	Similar eyebrow texture.
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	visible portions of the known brows appear to be similar in shape and contour to the unknown - color and thickness of growth appear similar
UGXDTR	Similar	similar tone and texture; overall size and shape appears similar as well; similar upward growth towards the medial terminus of the left eyebrow
VGDWFB	Similar	Asymmetry between right and left eyebrows
WK96YB	Similar	
X2TF24	Similar	Left eyebrow appears to start in similar location and similar texture/color/hair details of what is visible; appear to end in same location of both eyebrows
Z9L8L3	Similar	Eyebrows slightly obscured by glass in known, but appear similar in length, color and shape
ZCKK6L	Similar	brow ridge is similarly flush with frontal bone and doesn't protrude; dark brown color, asymmetric shape (with right brow curved to a greater degree), length, growth pattern/ distribution, and thickness are consistent; approx. distance between the medial ends, proximity to the eyes, and distance from lateral ends to hairline are similar; both have a linear shaped scar above the center of the left brow, running parallel in directionality

Features Observations Response Summary - Q4 Eyebrows		Total Participants: 62
Response	Percent Reported	
Similar	59 (95.2%)	
Dissimilar	0 (0.0%)	
Inconclusive	2 (3.2%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q4: Table 4.4(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Difference in expressions, known eyes are squinted. Thickness and prominence of the upper eyelids are similar. Upper eyelids also have similar creasing. Shape of the medial canthus is similar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Inconclusive	The size of the eye and the inferior palpebral creases are dissimilar, but because one person is smiling a conclusion cannot be made.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Due to expression change, eyes are smaller and squintier on known. But eyelids appear similar.
8BND4V	[Not Reported]	eyes are much narrower/more squinted for Known(1) than Unknown(2) due to expression difference; Known(1) is also wearing glasses; more creases visible around eyes of Known(1) due to expression difference; appear to have similar angle to left/right medial canthi; difficult to compare smaller details of eyes due to difference in expression
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	known's eyes are squinting but both appear to have similar medial canthus shapes, similar eyelid shapes, known appears to have much more under eye lines, but that's due to squinting bringing them out
9WM27B	Similar	eye color is obstructed due to expression of unknown 4. Amount of top eyelid visible is similar. shape of medial canthus is similar. protrusion of lower eyelid is similar. placement of eyes relative to other facial features and medial canthus distance is similar.
A4GTRA	[Not Reported]	Similarities: Inter-canthal distance; Eye fissure opening: angle; Upper eyelid: prominence, protrusion; Lower eyelid: visibility of the infraorbital furrow; Medial canthus: angle Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Eye fissure opening: shape; Upper eyelid: visibility of superior palpebral crease; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease; Eyeball prominence; Sclera: visibility; Medial canthus: caruncle, shape; Lateral canthus: shape, angle Not comparable: (not visible in one or both images) Interpupillary distance; Asymmetry
A8F4MA	Similar	Inter-canthal distance, Right and left eye fissure opening, Right and left eye medial canthus ng (outline) , Right and left upper eyelid
A9BMPB	Similar	Due to glasses and expression the comparison is difficult. What is seen seems more similar than dissimilar.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	eyelids are similar in shape
BGVZPT	Similar	Known is squinting due to smiling but palpebral crease is similar shape

Image Set Q4: Table 4.4(g) - Eyes

WebCode	Observation	Feature Notes
BVKBTR	Similar	more squinty on know, similar socket wrinkles, less on unknown
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVV	Similar	medial canthus same, upper lid. superior palpebral crease same
D3D3DQ	Similar	Upper eyelids are similar, but cannot compare much else due to expressions.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar eye angle and asymmetry.
E9D7GU	Similar	
E9YHHN	Inconclusive	
EYNFWN	Similar	Known's eyes squinted; eyelid height and shape similar. Similar width and spacing from eyebrows
FG99H7	Similar	
GM7H34	Dissimilar	
H7ZBPM	Similar	Hard to compare due to known squinting. They appear to be a similar width. Both have similar upper eyelids with a superior palpebral crease. Same iris color
HVURP4	Similar	Similar in shape and location. Even though the known is squinty the width and coloring of the lashes and the creases under the bottom eye are consistent.
J4778Z	Similar	Prominent upper eyelid creases
JEFCV2	Similar	eyes affected by expression, main deep creases appear similar in location and depth, curvature, more creases in known due to expression
KCVE8G	Similar	KNOWN AND UNKNOWN have different expressions between the two images which are causing creases at the corners of known's eyes but the contour of the upper and lower eye lids has not changed due to the expression and is consistent shape, size and contour. Both have similar dark eye color. The intercanthal distance, outer canthal distance, palpebral fissure length, lateral canthus and medial canthus are all consistent.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Difference in expression, both appear to have dark eyes, similar superior palpebral creases. K has smaller eye fissure and shape possibly due to expression, has many more facial lines visible around the eye than Unk.
MMPAFW	Unable To Compare	
MX9NJY	Dissimilar	
NPD6JF	Inconclusive	
PT369V	Unable To Compare	

Image Set Q4: Table 4.4(g) - Eyes

WebCode	Observation	Feature Notes
QCV8PW	Similar	The right eye appears to have a similar contour to the superior palpebral crease. The periorbital lines are not visible on the unknown however this could be due to the expression change. The general shaping of the inferior palpebral crease beginning roughly under the medial canthus. The fissure of the right eye appears consistent even with the expression change. The left eye appears to have a longer inferior palpebral crease. The intercanthal distance appears to be similar. The right eye appears to be higher on both subjects.
QFUJLW	Similar	Similar in shape/size/contour. Medial/Lateral Canthus is similar in size/shape/location. Superior/inferior palpebral creases are similar in location/shape/contour. Even though Probe has a non-natural expression causing the eyes to close..
QKRZZB	Similar	With the expression difference between the probe and candidate, the shape of the eyes could be similar to one another. The shape of the lateral canthus appears to be similar between the probe and candidate.
QT8L8U	Similar	Even with expression of on the known, the thickness of the upper eyelid, shape of the medial canthus, lower eyelid creases appear similar
QY9X6C	Similar	Known eyes are squinted due to expression making them appear smaller, superior palpebral creases are similar in location/size, eyelid size is similar, medial canthus is similar in size/shape, inferior palpebral creases appear dissimilar due to expression in the known, known has periorbital creases visible due to expression, sclera isn't visible in the known due to expression, both have dark colored eyes
RJB49C	Similar	Eyes show same folds on upper lids and lower left lid. Known has different creases, like cause by large smile and squinting where unknown has no emotional expression and eyes are wider open.
RTFBMC	Similar	
T9A37R	Similar	Both images have very similar upper eyelid reveal.
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67Nzd	Inconclusive	
U8BE68	Similar	eyes differ in expression - superior palpebral creases appear to be similar in contour and shape - known appears to have more prominent creases below the eyes, this is likely due to the expression difference
UGXDTR	Similar	similar color; similar symmetry and size; the known's eyes appear slightly more oval in shape, but believe to be due to expression difference; similar shape and prominent superior palpebral creases; the known has more prominent and flatter inferior palpebral creases, but believe difference to be due to expression difference; the known has more prominent crow's feet creases, but believe difference to be due to expression difference
VGDWFB	Similar	Superior palpebral crease ,inferior palpebral crease
WK96YB	Inconclusive	
X2TF24	Inconclusive	Eyes appear larger in size in U, may be due to expression; periorbital eyelid appears similar in size; superior palpebral creases appear similar in prominence and shape; inferior palpebral creases appear more defined in K, may be due to expression; intercanthal distance appears similar

Image Set Q4: Table 4.4(g) - Eyes

WebCode	Observation	Feature Notes
Z9L8L3	Similar	Both have brown eyes. Known is smiling so it is a little more difficult to compare, but the overall shape of the eye and the medial canthus is similar. No outstanding dissimilarities noted.
ZCCK6L	Similar	approx. intercanthal distance and degree of hoodedness is consistent; overall length, from medial to lateral canthus, appears to be similar; overall shape, fissure size, sclera, and pupil are difficult to compare, as the known's eyes are almost closed due to the squinting expression displayed, whereas the unknown's are open to what appears to be the natural position; curvature and prominence of the superior palpebral crease similarly follows the curvature of the upper eyelid; known's inferior palpebral and periorbital creases are visible and more prominent due to the expression displayed

Features Observations Response Summary - Q4 Eyes		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	41 (67.2%)
	Dissimilar	3 (4.9%)
	Inconclusive	13 (21.3%)
	Unable to Compare	4 (6.6%)
	Not Applicable	0 (0.0%)

Image Set Q4: Table 4.4(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Fullness of the cheeks are similar. More pronounced on the known, possible due to the difference in expressions.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The nasolabial folds and the dimples are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Similar	Due to expression change, cheeks appear fuller on known. But overall shape and structure appears similar.
8BND4V	[Not Reported]	appear to have similar shape to cheeks; cheeks are more lifted/prominent for Known(1) than Unknown(2) due to difference in expression
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	because known is smiling, her cheeks are pushed up and she has buccal lines on each cheek not visible on unknown, because she isnt smiling, shape of cheeks are similar at the tops
9WM27B	Similar	height and fullness of cheeks is similar.
A4GTRA	[Not Reported]	Similarities: Cheekbone prominence Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Cheek shape Not comparable: (not visible in one or both images) Dimples
A8F4MA	Similar	Right and left cheekbone
A9BMPB	Similar	Sup and lat R
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar shape of cheeks
BGVZPT	Dissimilar	Difference due to one smiling and one not. Known has pronounced buccal crease
BVKBTR	Similar	expression makes this hard to compare - smile vs not.
BYKLNLR	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Cheeks appear similar. There is a dimple in the known, that may be only visible when smiling.

Image Set Q4: Table 4.4(h) - Cheeks

WebCode	Observation	Feature Notes
E2YXFT	Inconclusive	Overall skape is similar, but due to facial expression difference cheek dimple on known image is visible, but missing on unknown image
E7JQ38	Dissimilar	Dissimilar cheek soft tissue fullness.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Known is smiling, changing the presentation of the cheeks. Overall size, shape, and fullness appears similar.
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar cheekbone prominence. Known has a dimple on the right side when smiling. both have a facial mark on the right cheek directly out from the mouth
HVURP4	Similar	Similar in width and texture. Same shape down the cheek to the chin.
J4778Z	Similar	
JEFCV2	Similar	cheeks of known higher due to expression, curve in upper cheek similar
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent shape, weight and fullness. Both have full, round cheeks with high, wide cheekbones that are wider than the jawline
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have high and wide zygomatic bones, visible facial markings appear to be similar. Difference in expression could account for much more visible nasolabial creases and a deep dimple on R cheek for K.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Similar	
QCV8PW	Similar	There cheeks appear to have a similar triangular shaping on both subjects. The cheekbones do not appear to be pronounced on either subject. There is a dimple/buccal crease on the right of the known that does not appear visible on the unknown however this could be due to expression. The middle of the cheeks appear to depress on both subjects in a similar fashion.
QFUJLW	Similar	Cheeks are similar in shape/size/prominence.
QKRZZB	Dissimilar	Due to the smile onn the candidate, she appears to have fuller cheeks compared to the probe.
QT8L8U	Similar	Height of the cheek bones appear similar. The known has a dimple when having expression. The unknown does not have expression in the photo so it is not clear if there is a dimple

Image Set Q4: Table 4.4(h) - Cheeks

WebCode	Observation	Feature Notes
QY9X6C	Similar	Known cheeks appear fuller/thicker in the known due to expression, dimples are visible in the known due to expression, height of cheeks are similar
RJB49C	Similar	Cheeks are consistent in fullness and shape, except for known candidate having a dimple likely cause by smile.
RTFBMC	Similar	difference in expression
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67NZD	Inconclusive	
U8BE68	Similar	cheeks appear more rounded on the known, likely due to expression - cheeks of the known appear to have a prominent dimple on the right cheek, not seen on unknown - freckle like mark can be seen on the right cheek of both subjects in similar location
UGXDTR	Similar	similar fullness and location of the cheek bones
VGDWFB	Similar	cheekbones
WK96YB	Inconclusive	
X2TF24	Similar	Zygomatic bones appear similar in prominence, cheek shape and fullness appear similar; presence of a dimple on right cheek of K, may be due to expression
Z9L8L3	Similar	Cheek shape, color of skin and size is similar. Facial mark on right cheek in same spot in both known and unknown
ZCKK6L	Similar	overall shape, size, fullness, and redness is similar; high placement and prominence of the cheekbones is similar; known has very prominent linear dimple in the right cheek that is positioned vertically; there appears to be a patch of scarring or spider veins present on the left cheek that is similar in location, size, and appearance

Features Observations Response Summary - Q4 Cheeks		Total Participants: 61
	Response	Percent Reported
	Similar	45 (73.8%)
	Dissimilar	5 (8.2%)
	Inconclusive	8 (13.1%)
	Unable to Compare	2 (3.3%)
	Not Applicable	1 (1.6%)

Image Set Q4: Table 4.4(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Length of the nasal body is similar. Tip of the nose is similar in size. Curvature of the known nostrils appears to be wider, possibly due to the difference in expressions. Creases on the left and right nostrils, not found on the unknown.
3UFTE6	Similar	
44J8XH	Inconclusive	
474EX6	Similar	The shape of the nose is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Slight head tilt difference between subjects. Overall similar shape and size.
8BND4V	Similar	similar shape/curve of left/right nostrils; thickness of alae appears similar; appears to have similar width of columella; width of nasal base of Known(1) appears slightly wider than nasal base of Unknown(2) which can be due to the expression difference
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar width and indentation at root and down through body, similar nasal tip shape and size, similar ala shapes and nostril shapes
9WM27B	Similar	length and width of nose is similar. Width of nasal body is similar. Nasal tip shape angle and symmetry is similar. thickness of alae is similar. Nostril shape is similar. Width, length and relative position of columella is similar.
A4GTRA	[Not Reported]	Similarities: Nasal outline: shape, length, width, prominence; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: height; Nasal alae: thickness; Columella: width, length Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Nasal root: width, length, shape, depth, angle; Nasal base: width; Nasal alae: shape, Asymmetry; Nostrils: shape, size; Columella: relative position
A8F4MA	Similar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose), Nasal base: nostrils (nasal openings), Nasal base: columella (soft tissue between nostrils)
A9BMPB	Similar	
AE2ZQY	Unable To Compare	
AQVDNB	Similar	
BF6CMR	Similar	same length, width, tip
BGZVPT	Similar	Slight difference due to expression. Both are similar in length and shape
BVKBTR	Similar	angle of face and expression make nose seem slightly different.

Image Set Q4: Table 4.4(i) - Nose

WebCode	Observation	Feature Notes
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Similar in shape and size. Partially covered by glasses in the known.
E2YXFT	Similar	Similar in shape, length, tip of the nose and columella
E7JQ38	Similar	Similar nose body and tip shape and size.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Similar in size, shape, height, and placement. Nostrils and alars broader in Known due to wide smile. Philtrum shape and depth similar
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar nasal body length. Similar ala and nostril thickness
HVURP4	Similar	Similar in width of the bridge and the shape of the nostrils are similar with the right nostril having a small point on the inner side. The tip and philtrum appear consistent in location and width.
J4778Z	Similar	
JEFCV2	Similar	similar nostril curvature and shape, nose tip similar in curve
KCVE8G	Similar	KNOWN AND UNKNOWN's noses are consistent in length, shape and width from the root to the tip. The nasal ridge is free of marks, scars, lumps and/or discolorations. The columella is consistent in shape and narrow width. The ala are also consistent in size, shape, placement. Both have a somewhat pointy nose.
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have slim, straight nasal bodies with a small, pointed, nasal tip. Both appear to have slim nasal bases. Nasal root is not comparable thanks to K wearing glasses.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The nasal root appears to have a similar indentation on both subjects. The generally shaping of the nasal body has a similar outline with a wide part in the middle and then thinner at the lower portion. The nostrils appear to have a similar shaping even with the expression change. The columella appears to have a similar shaping.

Image Set Q4: Table 4.4(i) - Nose

WebCode	Observation	Feature Notes
QFUJLW	Similar	Nasal root is similar in width. Nasal body is similar in thickness/shape/width. Nasal tip is similar in shape/size. Columella is similar in shape/thickness. Nostrils are similar in shape/location. Ala is similar in thickness/shape/contour.
QKRZZB	Similar	The shape of the columella appears to be similar between the probe and candidate. The width of the columella is also similar between the two images. The shape of the nostrils is consistent. The shape of the nasal base appears to be similar between the two images. The length of the nasal body is also consistent between the probe and candidate.
QT8L8U	Similar	The nasal tip, nasal body, nasal root, thickness of the columella, and thickness of the alae appear similar. Due to expression, the nasal base appears dissimilar as the it appears wider on the known
QY9X6C	Similar	Nasal root is similar in size, bridge of nose appears wider in the known due to expression, nostrils are also flared out in the known due to expression, nasal base appears wider in the known due to expression, nostril shape appears dissimilar due to expression, columella is similar in width/size/shape, ala thickness is similar, nasolabial folds are more noticeable in the known due to expression, tip of nose is similar in shape/size, both have a red patch across the bridge of nose
RJB49C	Similar	Nose is consistent in shape and length, including nostrils.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	the nose appears to be similar in shape and size with the consideration of the expression difference - nasolabial folds appear to be more prominent on the known which is due to the expression difference
UGXDTR	Similar	similar overall size; similar nasal root width; the known's nasal tip appears slightly more wide, but could be due to expression difference in flaring the nostrils slightly; similar nasal alae thickness and shape; similar nostril shape and size despite expression differences
VGDWFB	Similar	Nasal body ,nasal base ,columella ,ala
WK96YB	Similar	
X2TF24	Similar	Nasal body appears similar in prominence and shape; nasal tip appears similar in shape; nasal base appears wider, alae appears thicker on K, may be due to expression; columella appears to protrude farther down, similar in width; nostrils appear wider in K, left nostril looks larger than right in both
Z9L8L3	Similar	Nose length, nasal tip and nostril width appears similar. No dissimilarities noted.

Image Set Q4: Table 4.4(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Similar	overall triangular shape, size, and degree of protrusion is consistent; nasal root is difficult to compare due to the present of the known's glasses, but the approx. width appears to be similar; nasal body is similar in narrowness, length, and relatively straight shape; nasal base is similar, however the known's appears to slightly wider, but this can be attributed to the expression displayed; narrowness and rounded shape of the nasal tip is consistent; shape and size of the nostrils, rounded ala shape and thickness, and rounded "v" shape of the columella is all similar; nasolabial folds begin at similar location, however they are difficult to compare due to expression differences, as the known's are more prominent and shaped differently, bracket-like versus the unknown's diagonal shaped folds, due to the smiling expression versus the natural relaxed expression

Features Observations Response Summary - Q4 Nose			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	58 (95.1%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	0 (0.0%)	

Image Set Q4: Table 4.4(j) - Ears

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Similar	Mostly covered on the unknown. Right earlobe appears to follow a similar curvature. Antihelix has a similar prominence and shape.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The ears cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Inconclusive	Only small portion of ear lobes visible on unknown. Left ear completely visible on known. No differences noted on portions that can be seen.
8BND4V	Similar	both Known(1) and Unknown(2) appear to have similar earrings present in lobe; what is visible of protrusion/curve of right antihelix appears similar; visible outline of lobe of ears appears similar; difficult to compare much detail of ears due to being partially covered by hair
8FHAQ2	Unable To Compare	
8T7EYX	Similar	
9NAAFD	Similar	similar protrusion from head in both ears, though unknown's are only partially visible due to hair, similar earlobe shape of right ear
9WM27B	Unable To Compare	Generally obstructed, not utilized to compare.
A4GTRA	[Not Reported]	Similarities: Antihelix: size, shape – right; Lobe: size, shape, attachment Not comparable: (not visible in one or both images) Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Similar	Right and left ear lobule (lobe)
A9BMPB	Similar	What is visible is similar
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	her right lobe appears to be same shape
BGVPT	Similar	Of what I can see, the lobes are similar in shape
BVKBTR	Inconclusive	can't make out much more than double piercing on both. unknown mostly covered.
BYKLNK	Similar	

Image Set Q4: Table 4.4(j) - Ears

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVV	Inconclusive	lobe same, but hard to determine rest of ear due to one individual not seen
D3D3DQ	Unable To Compare	Ears are either entirely or partially covered by hair.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears are insufficiently resolved in the Unknown.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Similar	Ears are partially covered by hair in both photos. Visible portion of lower right ears are similar in shape and antihelix protrusion. Angle of attachment is similar. Lobe of left ear is similar.
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Both have 2 piercings in each ear. Wearing the same earrings. Cannot compare most of the ear due to hair
HVURP4	Similar	Lobes appear similar and the location of the earrings on the lobe appear similar.
J4778Z	Not Applicable	
JEFCV2	Similar	majority of ears unable to compare due to hair in both images, lobes appear similar in curvature and earrings appear similar, though full comparison can not be conducted due to angle
KCVE8G	Similar	KNOWN AND UNKNOWN's lower portion of the earlobe angles upward in a consistent manner. Both Known and Unknown's ears are mostly covered by long, dark hair.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Only very lower edge of lobes are both visible and they do appear to be consistent but hair covers most of both ears on Unk.
MMPAFW	Similar	
MX9NJY	Not Applicable	
NPD6JF	Inconclusive	
PT369V	Unable To Compare	
QCV8PW	Similar	The left lobe appears to be in a similar location on both subjects however the rest of the left ear is not available for comparison. The right ear appears to have a pronounced antihelix on both subjects. The lobe appears to be in a similar location as well. It also appears that the subjects are wearing similar or the same earrings.
QFUJLW	Similar	Lobe is similar in shape/location. Many of the ear's features of the Unknown can not be compared to the due to hair.

Image Set Q4: Table 4.4(j) - Ears

WebCode	Observation	Feature Notes
QKRZZB	Not Applicable	Cannot be compared
QT8L8U	Inconclusive	The ears are mostly obstructed on the unknown. The right ear is partially showing and they both have that ear peirced and the antihelix appears similar. The position of the the anti helix in reference to the eyes, nose and mouth also appears similar
QY9X6C	Unable To Compare	Majority of the ears are covered in the unknown due to hair, the known right ear is slightly covered with hair, they both appear to have earrings in, ear lobes appear to be attached and similar from whats visible
RJB49C	Inconclusive	The ears are not fully visible, with exception of earring positions on the lobes.
RTFBMC	Similar	not fully visible, both peirced
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Not Applicable	ears of unknown are not visible
UGXDTR	Inconclusive	unable to fully compare due to hair covering; similar shape and prominence to the ear lobes; on the right ear similar shape of the lobe in relation to the lower helix; similar location of piercings in both ears
VGDWFB	Similar	Antihelix left
WK96YB	Unable To Compare	
X2TF24	Similar	Shape/protrusion/thickness of antihelix on right ear appears similar of what is visible; lobe appears similar in shape and size and presence of earrings similar location on right ear; presence of earring similar on left ear; lobe appears similar in shape on what is visible
Z9L8L3	Inconclusive	Ears are difficult to compare due to hair covering them, but the right ear lobe is similar in shape in both known and unknown
ZCKK6L	Similar	left ear and majority of the right ear is not available for comparison due to the obstruction/ coverage of the unknown's hair, however the degree of protrusion, subtly curved shape of the lobe and rounded shape and thickness of the bottom part of the anti-helix appear to be similar; both have two visible piercings in the right lobe

Features Observations Response Summary - Q4 Ears		Total Participants: 61
	Response	Percent Reported
	Similar	27 (44.3%)
	Dissimilar	0 (0.0%)
	Inconclusive	13 (21.3%)
	Unable to Compare	16 (26.2%)
	Not Applicable	5 (8.2%)

Image Set Q4: Table 4.4(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Difference in expressions, known is smiling showing teeth, unknown has a more neutral expression. Tone of the lips are similar. Curvature of the upper lip is similar. Cupids bow is more prominent on the unknown, possibly due to the difference in expressions. Philtrum prominent on the unknown, very faint on the known.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The mouth size is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Known has a large wide smile causing mouth to stretch and exposing the teeth. But it is still possible to see that there would be a cupid's bow present similar to that of the unknown if in a neutral expression.
8BND4V	[Not Reported]	Known(1) has mouth open and teeth visible in smiling expression while Unknown(2) has more neutral expression with mouth closed; appears to follow similar curve of lower lip; shape/curve of upper lip appears similar with similar shape of cupid's bow, slightly longer in appearance for Known(1) due to difference in expression
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	similar bottom lip shape and size, similar top lip shape, similar ends of mouth
9WM27B	Similar	expression difference considered in comparison. overall shape of mouth is similar. upper vermilion border shape is similar. thickness and protrusion of both upper and lower lip is similar. Tori of lower lip is similar. mentolabial sulcus placement and depth is similar.
A4GTRA	[Not Reported]	Similarities: Upper lip: fullness; Lower lip: fullness; Asymmetry Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, protrusion, upper vermilion border shape, detail; Lower lip: shape, protrusion, lower vermilion border shape, detail Not comparable: (not visible in one or both images) Lip fissure: shape, degree of contact, angle; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Similar	Overall mouth Upper lip Lower lip
A9BMPB	Similar	Due to expression the com
AE2ZQY	Unable To Compare	
AQVDNB	Similar	
BF6CMR	Similar	same fullness of lips

Image Set Q4: Table 4.4(k) - Mouth

WebCode	Observation	Feature Notes
BGZVPT	Similar	Difference due to expression but you can see a philtrum and a blemish on the right side of the upper lip
BVKBTR	Similar	mark on left of lip visible on both, cupid's bow on unknown is straighter on known. Lips seem the same fullness. deep edges on both.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Expression changes the shape of the mouth, but cupid's bow is visible in both and there is a facial mark above the left side of the upper lip.
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar mouth, fissure and mouth corner shape and size.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Known is smiling; similar in size and fullness, similar shape
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	hard to compare since known is smiling and unknown is not. unknown has a facial mark on the right side of the upper lip. Both have a cupid's bow and similar bottom lip fullness
HVURP4	Similar	Lips are similar and full. The coloration on the upper lip appears similar and there is a small freckle/mark on the upper left lip.
J4778Z	Similar	Mark above lip similar location and type
JEFCV2	Similar	expression changes some, but thickness, shape of cupid's bow, and creases appear similar in both images, both show similar mark above upper lip in same location, color, shape
KCVE8G	Similar	KNOWN AND UNKNOWN have full lips that are consistent in thickness and protrusion. Even though there is a difference in expression, Known has a wide, open mouth smile while Unknown's mouth is closed with neutral expression, the shape of the cupid's bow is consistent, there is a visible, slight vertical line/crease/indentation in the center of the lower lip vermillion in both images. The mentolabial sulcus is consistent in shape, size, depth and placement between the two Known and Unknown images. There is a consistent mark/discoloration on the left side, vermillion border of the upper lip that is consistent on each Known and Unknown image.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Similar	Expression is different but both appear to have a facial marking (mole?) on the upper vermillion border on the L side, both have a slight cupid's bow, full bottom lips, and consistent mentolabial sulci.
MMPAFW	Similar	
MX9NJY	Not Applicable	

Image Set Q4: Table 4.4(k) - Mouth

WebCode	Observation	Feature Notes
NPD6JF	Inconclusive	
PT369V	Similar	
QCV8PW	Similar	The shaping of the cupid's bow is shallower on the known however this is explainable by the expression change. The size of the upper and lower lips appears to be similar. The lips appear to have a similar coloration. The length of the philtrum (given the expression change) appears to be consistent.
QFUJLW	Similar	Vermillion border is similar in contour. The Known is smiling therefore mouth is open and teeth are exposed. Lips are similar in thickness/color.
QKRZZB	Similar	The shape of the upper and lower lips is similar between the probe and candidate. The fullness of the lower lip appears to be similar as well. Even with the expression difference between the probe and candidate, one can still see the similarities in the upper vermilion border.
QT8L8U	Similar	Even with expression the upper and lower vermilion borders appear similar. The mentolabial sulcus also appears similar in placement and width.
QY9X6C	Similar	Width of mouth appears to be wider in the known due to expression, the known mouth is open and the unknown is closed due to expression differences, teeth are showing in the known where the unknowns are not due to expression differences, philtrum is similar in width, mark above the upper lip on the left side is similar in shape/size/location, marionette lines are similar, lip fullness is similar, vermilion borders are similar, cupid bow is similar, mark near the philtrum in the unknown that is not visible in the known due to lighting, expression, shadowing
RJB49C	Similar	Both upper and lower lips on each is consistent in fullness and shape, including dip in upper lip.
RTFBMC	Similar	difference in expression
T9A37R	Similar	Upper vermilion border is similar.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67Nzd	Inconclusive	
U8BE68	Similar	relative thickness of the upper and lower lips appear to be similar - upper vermilion border appears to be similar in shape - mole like mark appears to be similar in size and location on the upper lip
UGXDTR	Similar	expression difference is altering the comparison of overall mouth size; similar philtrum width and prominence; similar distance between upper lip and nose; similar fullness to lips; similar upper lip shape; similar facial mark present slightly above the upper lip on the left side of the mouth; similar lip creases in prominence and location on the lower lip
VGDWFB	Similar	Philtrum ,symmetry ,lower vermilion ,
WK96YB	Inconclusive	

Image Set Q4: Table 4.4(k) - Mouth

WebCode	Observation	Feature Notes
X2TF24	Similar	Distance from nasal base to upper vermillion border appears longer in U, may be due to expression; upper vermillion border appears more defined in U, however similar in shape; lower vermillion border appears similar in shape and protrusion; lower lip appears similar in fullness; upper lip appears fuller in U; tone appears similar in lips, darker on top lip and lighter on lower lip in both; similar texture of lips; mentolabial sulcus appears more rounded on U, may be lighting; similar mark above left side upper vermillion border; philtrum appears similar in width and shape
Z9L8L3	Similar	Mouth has a similar shape and size. The lips are similar (fullness of lower lip, cupid's bow). Mole on the upper lip/left side is observed in both.
ZCKK6L	Similar	overall shape appears to be similar, despite the expression difference; known's mouth appears larger and wider due to the open smiling expression displayed, whereas the unknown is displaying a neutral expression; pink tonality and symmetrical fullness of the lips is similar; "m" shape of the upper vermillion border is relatively similar, however the known's is more elongated/stretched, so the alar aren't as tall; fissure shape can't be compared due to expression difference; curvature of the lower lip is similar; both have a light brown, round, and slightly raised facial mark along the right side of the upper vermillion border; the mentolabial sulcus location, prominence, and length is similar, however the shape is slightly dissimilar, as the unknown's is curved to a greater degree whereas the known's is stretched

Features Observations Response Summary - Q4 Mouth			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	44 (73.3%)	
	Dissimilar	3 (5.0%)	
	Inconclusive	8 (13.3%)	
	Unable to Compare	4 (6.7%)	
	Not Applicable	1 (1.7%)	

Image Set Q4: Table 4.4(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Chin is rounded on both subjects. Length of the chin is similar. Jawline is rounded on known and unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The chin shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Chin is same size and shape. Jawline is also similar.
8BND4V	Similar	similar shape of chin; both appear to have similar curve of jawline
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar gonial angles and jaw width, similar chin shape and size
9WM27B	Similar	bulbous chin is similar. jawline and gonial angle are similar.
A4GTRA	[Not Reported]	Similarities: Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape; Gonial angle: shape, definition; Asymmetry Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Jawline: definition
A8F4MA	Similar	Chin, Jawline Gonial angle
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	both have round shaped chin, same jawline
BGVZPT	Similar	Both have a tapered jawline and a little bit of a protruding chin. Both have marks on right side of chin
BVKBTR	Similar	similar round globe of chin. similar jaw shape.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Similar in shape and size.
E2YXFT	Similar	Similar chin and jawline

Image Set Q4: Table 4.4(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar chin, gonial angle and jawline shape, size and angle.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar in shape and angle
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar shape and width. Both have a defined mentolabial sulcus
HVURP4	Unable To Compare	Similar in width and padding of the chin. There is a consistent sulcus crease visible. There is a freckle/mark on the left outer side of the sulcus crease.
J4778Z	Similar	Similar angle even with expression
JEFCV2	Similar	similar shape and crease
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent narrowing of the jawline from the lower portion of the cheekbones to underneath the chin. The central portion of the chin on both images is round, protrudes in a similar manner and is consistent in shape and size. There appears to be a faint mark/discoloration/small spot, on the left side of the chin, along or near what would be the area of the labiomandibular crease (not the spot that is on the jawline) that is consistent in placement.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have a small rounded chin with a smoother gonial angle making for a soft jaw line. Both have several similar facial markings.
MMPAFW	Similar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The chin appears to be small and pronounced similarly in both subjects. The jawline appears to be soft and has a simile gonial angle.
QFUJLW	Similar	Chin is similar in shape/size/location. Jawline is similar in shape.
QKRZZB	Similar	The contour of the jawline appears to be similar between the probe and candidate. The shape the chin appears to be consistent between the two images.
QT8L8U	Similar	Shape of the chin and angle of the jawline appears similar
QY9X6C	Similar	Jawline size/shape is similar, chin shape/size is similar, mentolabial sulcus appears to be straight across in the known due to expression difference where the unknown is rounder, marks on the chin are in the same location and size, distance from mouth to chin is similar

Image Set Q4: Table 4.4(I) - Chin/Jawline

WebCode	Observation	Feature Notes
RJB49C	Similar	The chin is consistent on both known and unknown to include the crease just below lower lip.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	chin and jawline appear to be similar in shape and contour - mentolabial sulcus appear to be similar in prominence - some facial marks can be seen in the chin region on both subjects and appears to be similar
UGXDTR	Similar	similar mentolabial sulcus in shape and prominence; similar prominence and shape to the chin; similar jawline shape and prominence
VGDWFB	Similar	Prominence chin
WK96YB	Similar	
X2TF24	Similar	Chin appears similar in size and prominence; jawline appears similar in definition and shape
Z9L8L3	Similar	Similar chin shape and facial marks. There is a roundedness of the chin that is observed in both known and unknown.
ZCKK6L	Similar	rounded shape and length of the jawline is similar; lack of definition of the gonial angle is similar; short width and height, rounded shape, and prominence/ degree of protrusion of the chin is consistent; there is a faint facial mark along the left side of the chin bulge that is similar in shape, size, and appearance

Features Observations Response Summary - Q4 Chin/Jawline		Total Participants: 61
Response	Percent Reported	
Similar	59 (96.7%)	
Dissimilar	1 (1.6%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q4: Table 4.4(m) - Neck

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Length and width of the neck is similar. Creases have a similar prominence.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The shape and size of the neck is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both have long skinny necks with a V shaped musculature in center
8BND4V	Similar	width/shape of neck appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar thickness, similar lines in position and curvature
9WM27B	Similar	height and width of neck are similar. neck lines appear similar. marks (freckles/moles) on the neck of each subject appear similar in color placement and size.
A4GTRA	[Not Reported]	Similarities: Overall neck: width, height, details Not comparable: (not visible in one or both images) Laryngeal prominence: shape, size, prominence, location
A8F4MA	Similar	Neck (overall)
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar thin neck and wrinkles
BGZVPT	Similar	Similar in shape and length. No distinguishing marks or lines
BVKBTR	Similar	similar shape and size
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Two marks on upper neck, below chin are in same position.
E2YXFT	Similar	Similar shape

Image Set Q4: Table 4.4(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar neck length and width.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar in height, width, and contour
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar in width and height
HVURP4	Similar	The creases appear consistent in location and shape.
J4778Z	Similar	similar lines
JEFCV2	Similar	similar shape and creases
KCVE8G	Similar	KNOWN AND UNKNOWN both have neck's that are narrow under the jawline and widen as you follow the contour down to the shoulders. The length, width, weight and shape is consistent between both images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	Both appear to have similar neck width, but some neck lines on Unk are not visible on K.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	There general size of the neck appears similar. There are neck wrinkles on both subjects but the lighting/quality leaves them unable to be compared more thoroughly.
QFUJLW	Similar	Similar in width/length
QKRZZB	Similar	The neck wrinkles on the probe and candidate appear to line up with each other.
QT8L8U	Similar	Neck thickness and height appears similar
QY9X6C	Similar	Length of neck is similar, neck creases are similar – the unknown are more visible due to lighting, both have a V shape coming from jawline down the neck that is similar, marks on the neck are similar in location/shape/size, width is similar
RJB49C	Similar	Neck is consistent in width and length.
RTFBMC	Similar	
T9A37R	Similar	

Image Set Q4: Table 4.4(m) - Neck

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	neck appears to be similar in thickness relative to the shape of the face
UGXDTR	Similar	similar neck width; similar prominence and location of neck creases
VGDWFB	Similar	Width ,height, folds
WK96YB	Similar	
X2TF24	Similar	Neck appears similar in shape/size/width/length; a few marks and creases appear on right side of neck that appear similar
Z9L8L3	Inconclusive	Neck is similar in length. There are creases observed in the unknown that are not observed in the known.
ZCKK6L	Similar	tapered width, extreme length, and musculature is similar; unknown has several neck creases visible that aren't as prominent on the known, but this could be attributed to the smiling expression stretching out the creases or decreased visibility due to the shadowing present on the neck

Features Observations Response Summary - Q4 Neck		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	58 (95.1%)
	Dissimilar	0 (0.0%)
	Inconclusive	2 (3.3%)
	Unable to Compare	1 (1.6%)
	Not Applicable	0 (0.0%)

Image Set Q4: Table 4.4(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHQA2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images) Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Similar	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Not Applicable	No facial hair observed.

Image Set Q4: Table 4.4(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	none.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q4: Table 4.4(n) - Facial Hair

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q4 Facial Hair		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	4 (6.6%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	55 (90.2%)	

Image Set Q4: Table 4.4(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Known has a dimple on the right cheek not found on the unknown possibly due to the difference in expressions. Inferior palpebral creases are more prominent on the known. Known has crow's feet, not found on the unknown. Mentolabial sulcus is more prominent on the unknown, similar in location and length. Nasolabial folds are more prominent and wider on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Unable To Compare	A comparison cannot be made due to one of the individual smiling.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	More facial lines on known due to expression change.
8BND4V	Similar	dimple prominent on cheeks of Known(1) due to smiling expression; left/right superior palpebral creases appear to follow similar curve toward medial end; start of curve of left/right nasolabial folds appear similar, more prominent in Known(1) which can be due to expression difference; similar curve/depth to mentolabial sulcus
8FHAQ2	Unable To Compare	
8T7EYX	Similar	
9NAAFD	Similar	similar start of nasolabial lines by nose on each side,
9WM27B	Similar	Marionette lines appear similar. Nasolabial fold placement beginning appears similar (expression considered)
A4GTRA	[Not Reported]	Similarities: Superior palpebral crease – shape; Mentolabial sulcus Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Periorbital lines; Inferior palpebral crease; Infraorbital crease; Nasolabial crease Not comparable: (not visible in one or both images) Frontal lines; Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Circumoral striae; Marionette lines; Cleft chin; Buccal creases; Wrinkles on neck; Other creases
A8F4MA	Similar	Right and left superior palpebral crease
A9BMPB	Unable To Compare	Expression
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Unable To Compare	can't see dimple/crows feet in unk due to not smiling
BGVPT	Similar	Noted above
BVKBTR	Dissimilar	dimples on known don't seem present on unknown but face is relaxed on unknown

Image Set Q4: Table 4.4(o) - Facial Lines

WebCode	Observation	Feature Notes
BYKLNLR	Similar	
CBAKDA	Similar	
D2JEVV	Dissimilar	due to facial expression
D3D3DQ	Similar	There are facial lines in both but more prevalent in the known due to expression.
E2YXFT	Similar	Mentolabial sulcus and superior palbebral creases are similar
E7JQ38	Similar	Similar superior palpebral crease shape, size and depth.
E9D7GU	Similar	
E9YHHN	Not Applicable	
EYNFWN	Inconclusive	due to different expressions, lines and creases are not presented the same way. Faint lower neck creases somewhat similar. Dimple in Known left cheek
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Similar	Mentioned in specific categories above
HVURP4	Similar	noted above
J4778Z	Not Applicable	
JEFCV2	Similar	similar throughout both images, more present in known due to expression
KCVE8G	Similar	previously noted
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	difference in expression could lead to differences in visible facial lines.
MMPAFW	Similar	
MX9NJY	Not Applicable	
NPD6JF	Similar	
PT369V	Dissimilar	facial expression
QCV8PW	Similar	The nasolabial lines are more visible on the known however this is due to expression. There is a possible hair arrangement/line above the lateral portion of the left brow.
QFUJLW	Similar	Nasolabial folds are similar in shape/location. Mentolabial sulcus is similar in location/shape. Other facial lines are mentioned above.
QKRZZB	Similar	The right and left superior palpebral crease appear to be similar in depth and length. The left and right inferior palpebral crease appear to be similar as well.

Image Set Q4: Table 4.4(o) - Facial Lines

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	The known appears to have more periorbital creases, but the know also has quite a bit of expression. The nasal labial folds appear to start in a similar location.
QY9X6C	Not Applicable	
RJB49C	Inconclusive	Nasal folds differ between the two due to facial expression.
RTFBMC	Inconclusive	differences in expression- smiling vs blank
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Similar	mentioned in the eyes, nose, mouth, cheeks, and chin sections above
UGXDTR	Similar	the known has more prominent nasolabial folds as well as a vertical crease right lateral to the mouth, but this difference could be due to expression difference
VGDWFB	Similar	Upper circumoral striae, mentolabial sulcus marionette lines
WK96YB	Similar	
X2TF24	Dissimilar	Nasolabial folds appear more defined in K, may be due to expression; others aforementioned
Z9L8L3	Inconclusive	Facial lines observed in the known as she is smiling. The unknown has a slight nasolabial fold, but because the facial expressions are different, it is difficult to compare.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q4 Facial Lines		Total Participants: 61
Response	Percent Reported	
Similar	34 (55.7%)	
Dissimilar	7 (11.5%)	
Inconclusive	9 (14.8%)	
Unable to Compare	6 (9.8%)	
Not Applicable	5 (8.2%)	

Image Set Q4: Table 4.4(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: not visible in one or both images
A8F4MA	Not Applicable	
A9BMPB	Similar	Possible scar over L eyebrow. Possible scar middle of forehead
AE2ZQY	Not Applicable	
AQVDNB	Similar	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q4: Table 4.4(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Similar	similar horizontal scars (two stacked on top of each other) above left eyebrow
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Inconclusive	unable to say if mark on forehead is scar or not, using mark term
KCVE8G	Similar	mentioned above
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Similar	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Similar	There is a scar/mark above the left side of the lip that appears to be consistent with both subjects. There are multiple facial marks that appear to be in similar arrangement including one in the glabellar region, right of the chin, and right cheek near the dimple.
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	na
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Similar	Possibly a small scar in the same location on chin on both.
RTFBMC	Similar	above left eye both images
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Not Applicable	

Image Set Q4: Table 4.4(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	No obvious scarring noted
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q4 Scars			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	14 (23.0%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	4 (6.6%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	42 (68.9%)	

Image Set Q4: Table 4.4(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Similar	Mark on the left side of the chin is similar, Mark above the lip is similar. Mark in the middle of the forehead is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Both have a facial mark above the left corner of the upper lip. Both have a facial mark on the right side of the cheek/ jaw
8BND4V	Similar	potential faint facial marks on left side of chin appear to be similar in appearance and in relation to each other
8FHAQ2	Similar	dark tiny patch on the right edge of upper lipline
8T7EYX	Similar	
9NAAFD	Similar	both have mark on left side above top lip in similar position
9WM27B	Similar	facial mark on forehead near center appears similar in placement color and size. facial mark on the upper vermilion boarder (L) appears similar in shape, size, and color. Facial mark on right lower cheek appears similar in shape color and size as well as placement. facial marks on left side of chin appear similar in color size placement.
A4GTRA	[Not Reported]	Similarities: Potential facial mark on right center of forehead in both images; Placement of potential facial mark above left upper lip in both images Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Appearance of potential facial mark above left upper lip; Potential facial mark on right jawline in R, not observed in Q
A8F4MA	Similar	Skin marks upper left lip
A9BMPB	Similar	Left side upper lip, to small marks left side chin, right side forehead med plane
AE2ZQY	Not Applicable	
AQVDNB	Similar	
BF6CMR	Similar	both have mark above their upper lip, left side
BGVPT	Similar	Above the right eye there are some lines in both. I cant tell if they are scars or facial lines.
BVKBTR	Similar	center of forehead, left upper lip, 2 marks left of chin, neck, right of mouth. sll similar
BYKLNK	Similar	
CBAKDA	Similar	

Image Set Q4: Table 4.4(q) - Facial Marks

WebCode	Observation	Feature Notes
D2JEVW	Similar	appearance of moles/spot similar
D3D3DQ	Similar	Other than those already mentioned, there is a mark on the right cheek, right side of chin and two on the left side of chin of both.
E2YXFT	Similar	A mole on the upper lip's left side is visible on both images
E7JQ38	Similar	Similar darker tone skin marks visible on the middle of the forehead, by the upper lip vermilion border on the left and on the left side of the chin.
E9D7GU	Similar	
E9YHHN	Similar	Mark above left upper lip in both images
EYNFWN	Similar	similar marks on center of forehead, right lower cheek, two lateral to left side of chin, similar mark on lipline of top left side of lip
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Mentioned in specific categories above
HVURP4	Similar	noted above
J4778Z	Similar	Mark above upper lip on the left side
JEFCV2	Similar	multiple marks listed under features which are similar in both images
KCVE8G	Similar	mentioned above
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	There is a scar/mark above the left side of the lip that appears to be consistent with both subjects. There are multiple facial marks that appear to be in similar arrangement including one in the glabellar region, right of the chin, and right cheek near the dimple.
QFUJLW	Similar	One facial mark located on the vermilion border is similar in size/location/shape/color. Facial markings located on the chin/jawline and forehead are similar in size/shape/location.
QKRZZB	Similar	A facial mark is present right above the upper lip on the left side of the face on both the probe and candidate.
QT8L8U	Similar	1 mark right above the glabellar and one mark on the left upper lip near the vermilion board appear similar
QY9X6C	Not Applicable	

Image Set Q4: Table 4.4(q) - Facial Marks

WebCode	Observation	Feature Notes
RJB49C	Similar	Small bump (possibly a mole) near the left corner above upper lip.
RTFBMC	Similar	center of forehead, left side of upper lip, right cheek
T9A37R	Similar	Several similar facial marks between the two images. Notable is the mark above the left upper lip as well as the mole centered above brow ridge.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	mentioned in the forehead, cheek, mouth and chin sections
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	moles upper left lip
WK96YB	Similar	
X2TF24	Similar	Chin/left cheek/forehead have similar marks in color/location/quantity; others aforementioned
Z9L8L3	Similar	Moles are observed in the same location in the known and unknown (forehead, right cheek, just above the upper lip on the left side, two on the left side of chin)
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q4 Facial Marks		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	55 (90.2%)
	Dissimilar	1 (1.6%)
	Inconclusive	0 (0.0%)
	Unable to Compare	1 (1.6%)
	Not Applicable	4 (6.6%)

Image Set Q4: Table 4.4(r) - Alterations

WebCode	Observation	Feature Notes
2EKB7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Glasses, pose, smile
2XLVQ2	Inconclusive	Known is wearing glasses.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Both have 2 earrings in right ear and both have a similar gold chain necklace around neck.
8BND4V	[Not Reported]	both Known(1) and Unknown(2) appear to be wearing similar small double round earrings; Known(1) is wearing glasses
8FHAQ2	Similar	earrings and necklace are the same
8T7EYX	Dissimilar	Eye Glasses- the pose- smile
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Similarities: Earrings observed in both ears
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	Known has glasses
BVKBTR	Similar	Small item, but double peircing on ears.
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Similar	Both have ears pierced. Right ear in both visible, clearly showing a double piercing.
E2YXFT	Dissimilar	Ears are pierced on both images and jewellery seems similar, but glasses is only on known image
E7JQ38	Not Applicable	Alterations not observed.

Image Set Q4: Table 4.4(r) - Alterations

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Dissimilar	Known is wearing flases
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	The known has glasses on while the unknown does not.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	known image wearing glasses, both wearing earrings
KCVE8G	Not Applicable	glasses on Known and earrings on both
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	[Not Reported]	Both appear to have two ear piercings in each lobe and are wearing a thin gold necklace. K is wearing glasses.
MMPAFW	Similar	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Glasses and top shirt
PT369V	Dissimilar	facial expression
QCV8PW	Inconclusive	Glasses on the known. Earrings/necklace on both subjects.
QFUJLW	Similar	Both ears are pierced is similar locations.
QKRZZB	Not Applicable	
QT8L8U	Similar	Both appear to have double ear piecing
QY9X6C	Dissimilar	Known has glasses on, both have a necklace around neck, they both appear to have some sort of makeup on
RJB49C	Similar	Ear piecings are in similar locations on the lobes.
RTFBMC	Similar	similar double pierced
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	earrings are present on both subjects ears

Image Set Q4: Table 4.4(r) - Alterations

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	known is wearing glasses
VGDWFB	Similar	Makeup (eyes)
WK96YB	Not Applicable	
X2TF24	Similar	Makeup appears similar (eyeliner); piercings aforementioned
Z9L8L3	Similar	Similar earrings noted in both.
ZCKK6L	Similar	known is wearing glasses; both have their earlobes pierced

Features Observations Response Summary - Q4 Alterations			Total Participants: 56
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	15 (26.8%)	
	Dissimilar	11 (19.6%)	
	Inconclusive	3 (5.4%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	27 (48.2%)	

Image Set Q4: Table 4.4(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, resolution and a number of other imaging conditions.
D3D3DQ	Jewelry	Similar	Necklace and earrings appear similar in both.
E7JQ38	Limitations	NotApplicable	Lighting, expression, occlusion (hair, glasses and earrings).
EYNFWN	Facial expressions	Dissimilar	Known is smiling/squinting
NPD6JF	Wearing	Similar	Earrings nickless
PT369V	glasses	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Both frontal images, known head appears to be tilted slightly, lighting is darker in the known, known expression is different - known is smiling and unknown has a neutral expression
EYNFWN	Lighting	Dissimilar	Lighting shining from different angles. Known has more shadowing in center of face

Detailed Feature Observations

TABLE 4 - Image Set Q5

Image Set Q5: Table 4.5(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Similar	Unable to compare tone of the skin due to the unknown's image being in grayscale. Texture of the skin is smooth on known and unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	A comparison cannot be made due to one of the individual's image being in black and white.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Inconclusive	Both subjects are white females. Unknown is in black and white and known is in color. Unknown appears to have "freckles" on face.
8BND4V	Unable To Compare	unable to compare skin tone as Unknown(2) is black and white image
8FHAQ2	Unable To Compare	
8T7EYX	Unable To Compare	
9NAAFD	Inconclusive	Both appear somewhat similar in texture, but because unknown is in black and white, tone can't be determined. Luminance on forehead appears different
9WM27B	Dissimilar	skin texture of known is more textured (freckles?) than that of unknown.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar texture, can't tell if same color due to black and white pic
BGVZPT	Dissimilar	Known is an older person and the Unknown is in B&W
BVKBTR	Similar	
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Unable To Compare	
D3D3DQ	Similar	Both have light skin. Cannot tell skin tone due to black and white image of unknown.

Image Set Q5: Table 4.5(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Texture seems different
E7JQ38	Similar	Similar tone.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	Skin is lighter in both images (even in grayscale, it's evident the Unknown has lighter skin). Unknown's skin is smooth and freckled. Known's skin is older, but still smooth. Makeup is covering potential differences in pigmentation.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar texture and tones. Hard to completely compare due to unknown photo being black and white.
HVURP4	Dissimilar	Difficult to determine due to unknown image being in black and white.
J4778Z	Dissimilar	Appears different texture
JEFCV2	Dissimilar	aging details in known, marks more visible in unknown due to grayscale
KCVE8G	Dissimilar	KNOWN: Fair to medium light skin color/complexion. Texture of skin is smooth with creases and some age related thinning, sagging, wrinkling, some slight loss of elasticity. UNKNOWN: Fair to medium light skin color/complexion. There are faint, tiny, darker colored specks scattered around the surface area of the face.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both appear to have light skin, there is a difference in age between Unk and K. K also appears to have some makeup on
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Dissimilar	The skin is likely light on both subjects however the unknown is in grayscale therefore it is not able to be compared more thoroughly. The unknown appears to have more texture to the skin.
QFUJLW	Similar	Similar in light color
QKRZZB	Similar	Skin tones appears to be similar between the probe and candidate
QT8L8U	Inconclusive	The texture appears dissimilar but could be due to the difference in comparison of the color image to a black and white image
QY9X6C	Dissimilar	Tone can't say due to color vs black and white; texture appears to be similar
RJB49C	Similar	Skin is similar, including several facial lines.

Image Set Q5: Table 4.5(a) - Skin

WebCode	Observation	Feature Notes
RTFBMC	Inconclusive	quality/lighting differences
T9A37R	Dissimilar	Known image has aged skin with more marks and deeper facial lines.
TLDKJC	Dissimilar	
TQ9EET	Similar	
U67Nzd	Unable To Compare	
U8BE68	Similar	Skin appears to be similar in tone and texture between the subjects
UGXDTR	Inconclusive	skin tone appears that it could be similar, but difficult to tell due to unknown being a black and white image; skin luminance appears similar; unable to fully compare skin texture due to black and white unknown image
VGDWFB	Not Applicable	
WK96YB	Unable To Compare	
X2TF24	Inconclusive	Skin appears dissimilar in texture; tone unable to compare due to U being in grayscale
Z9L8L3	Similar	Both are caucasian females.
ZCKK6L	Dissimilar	texture appears to be similar, however complexion appears to be dissimilar, as the unknown's appears to be tanned and has uneven tonality due to several darker patches and freckles throughout the entire face; highlighting and shadowing on the contours of the face are somewhat similar; there is a good amount of shadowing present on the unknown's face

Features Observations Response Summary - Q5 Skin		Total Participants: 62
Response	Percent Reported	
Similar	17 (27.4%)	
Dissimilar	16 (25.8%)	
Inconclusive	11 (17.7%)	
Unable to Compare	13 (21.0%)	
Not Applicable	5 (8.1%)	

Image Set Q5: Table 4.5(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Shape of the head is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The forehead hairline and jawline are dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Overall head shape is similar on both subjects.
8BND4V	Similar	both appear to have oval shape to face/head outline
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Similar	Both appear to have somewhat similar head shapes, with known having just a slightly more rounded low 1/3 of head
9WM27B	Similar	overall face shape is similar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall shape of the face Not comparable: (not visible in one or both images) Shape of the cranial vault
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Similar	
BF6CMR	Similar	similar shape of head, oval
BGZVPT	Similar	Similar in size and shape
BVKBTR	Similar	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Both have similar face outline.
E2YXFT	Similar	Overall head shape seems similar
E7JQ38	Similar	Similar overall shape of face.

Image Set Q5: Table 4.5(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Similar	Similar oval shape with rounded cranial vault
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar head shape - both oval.
HVURP4	Dissimilar	The known image is puffier/fuller than that of the unknown image.
J4778Z	Dissimilar	
JEFCV2	Similar	
KCVE8G	Dissimilar	KNOWN: Consistent placement of features. consistent, broad contour and box-like shape. Features are even/equal in placement, weight and symmetry. UNKNOWN: Overall broad contour and box-like shape. Most facial features are even/equal in placement, weight and symmetry. The nose is slightly exaggerated in length. Long, straight, pointy nose.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have oval face shapes.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The face/head outline appears to be wider and larger on the known
QFUJLW	Similar	Similar in shape.
QKRZZB	Inconclusive	The overall face shape share some similarities between the probe and candidate.
QT8L8U	Dissimilar	Head obstructed by hair. Face shape appears dissimilar
QY9X6C	Dissimilar	Known is longer, wider, boxier, the unknown is more oval
RJB49C	Similar	The oval shape of the head, including forehead, chin and jawline, is consistent.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Dissimilar	

Image Set Q5: Table 4.5(b) - Face/Head Outline

WebCode	Observation	Feature Notes
U67NZD	Similar	
U8BE68	Similar	the general shape and angle of the outline of the head appears to be similar from cranial vault to the jawline
UGXDTR	Dissimilar	the known's facial shape appears slightly more pear shaped whereas the unknowns appears more rectangle in shape; cranial vault shape appears similar
VGDWFB	Similar	Overall shape of face
WK96YB	Similar	
X2TF24	Similar	Overall shape of face appears similar; shape of cranial vault appears flat in both
Z9L8L3	Inconclusive	The overall head shape and width appear similar. No distinct differences other than the length of the forehead.
ZCKK6L	Similar	oval-like shape and size of the face is similar

Features Observations Response Summary - Q5 Face/Head Outline		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	41 (66.1%)
	Dissimilar	17 (27.4%)
	Inconclusive	2 (3.2%)
	Unable to Compare	0 (0.0%)
	Not Applicable	2 (3.2%)

Image Set Q5: Table 4.5(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Nose to mouth distance is longer on the known. Medial canthus distance is shorter on the unknown.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The distance of the glabella (middle area between the eyebrows) and the overall distance of eye, nose, and mouth relative to each other is dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Inconclusive	Unknown eyes appear closer together than known's. Unknown nose appears closer to the upper lip than known's. These differences could be due to changes in head tilt and angle.
8BND4V	[Not Reported]	distance from nasal tip to upper lip appears slightly wider for Known(1) than Unknown(2)
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Features appear in slightly different positions relative to the other features in known and unknown
9WM27B	Dissimilar	Placement of facial features is dissimilar as well as distance between features.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth;; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth; Eye position relative to face length
A8F4MA	Dissimilar	Proportions/position of features on face
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Similar	
BF6CMR	Similar	nose and mouth and chin same distance from each other
BGVPT	Similar	All features are similarly set and even on face.
BVKBTR	Similar	similar facial roundness and orientation of attributes.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q5: Table 4.5(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Similar	Features are in similar positions on the face.
E2YXFT	Dissimilar	Relative distances between facial features seem different
E7JQ38	Dissimilar	Dissimilar nose and mouth width relative to the eyes.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known has a wider intercanthal distance. Alar attachment to upper lip vermilion border is similar. Brow to cranial vault distance dissimilar, Unknown has a taller forehead. Holistically, somewhat similar faces.
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Facial features all in the same relative location on the face.
HVURP4	[Not Reported]	Similar in shape but the known image appears longer than that of the unknown image.
J4778Z	Dissimilar	
JEFCV2	Similar	slight tilt in known image
KCVE8G	Dissimilar	KNOWN: Consistent placement of features. consistent, broad contour and box-like shape. Features are even/equal in placement, weight and symmetry. UNKNOWN: Overall broad contour and box-like shape. Most facial features are even/equal in placement, weight and symmetry. The nose is slightly exaggerated in length. Long, straight, pointy nose.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk appears to have smaller features that are closer set towards the center and lower on the face.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The features of the face appear to have a tighter vertical alignment on the unknown. The features appear to be wider on the known.
QFUJLW	Similar	Features are similarly placed on the face. Ears are placed in a similar location relative to nose, eyes.
QKRZZB	Dissimilar	The eyes on the probe appears to be more sunken into the face compared to the candidate.
QT8L8U	Dissimilar	Facial composition appears dissimilar as the eyes of the known are wider set and the face of the unknown is more narrow.

Image Set Q5: Table 4.5(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Unknown eye distance appears to be closer together, distance from eyes to mouth appears to be shorter in the unknown, distance from nose to mouth appears to be longer in the known
RJB49C	Similar	Both photos show symmetric facial structure.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Similar	relative shape and size of the features appear to be similar on both subjects
UGXDTR	Similar	the relative size and proportion of the facial features to one another appears similar
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Inconclusive	Eyes appear slightly lower in U; mouth appears farther down in relation to length of face on U
Z9L8L3	Similar	Eyes are farther apart in the known than the unknown. No other distinct differences.
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features are similar with respect to each other and their location on the face

Features Observations Response Summary - Q5 Face/Head Composition		Total Participants: 58
Response	Percent Reported	
Similar	26 (44.8%)	
Dissimilar	28 (48.3%)	
Inconclusive	2 (3.4%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.4%)	

Image Set Q5: Table 4.5(d) - Hair

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Tone of the hair is dissimilar, known's hair is mostly grey, known's is darker. Curvature of the hairline is somewhat similar, more "V" shaped on the known. Comes to a point in the middle on both subjects. Difference in style, unknown's hair is pulled back. Texture of the hair appears to be similar.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Unable To Compare	
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Known has long straight gray/ black in color hair. Known hair line has a small V in center of forehead. Unknown has unknown length of hair, hair is pulled back into a pony tail, appears like it could be straight (not curly), and is dark in color.
8BND4V	[Not Reported]	hair is down for Known(1) and appears to have more white/gray color while Unknown(2) has hair pulled back and appears darker in color; right hairline going toward right ear of Known(1) appears to curve slightly closer toward right eyebrow than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	Both appear to have somewhat similar texture of hair, and known has some greying, whereas unknown's appears to be brown. Frontal and side hairlines appear different in their curvatures
9WM27B	Dissimilar	hair color and texture appears dissimilar. The widow's peak of the known appears somewhat similar in placement but more significant than that of unknown. The hairline is different; the known has a more recessive hairline than that of known.
A4GTRA	[Not Reported]	Similarities: Hair: shape/spatial distribution, texture, density Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Hair: tonality; Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape
A8F4MA	Dissimilar	Forehead hairline, Hairline right side
A9BMPB	Dissimilar	Dissimilar hairline.
AE2ZQY	Dissimilar	Different hairlines
AQVDNB	Inconclusive	
BF6CMR	Similar	similar widow's peak and hairline along forehead
BGVZPT	Inconclusive	Known has long, salt & pepper hair and unknown
BVKBTR	Similar	v of hairline similar shape, gray vs dark hair - age difference.

Image Set Q5: Table 4.5(d) - Hair

WebCode	Observation	Feature Notes
BYKLNLR	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Hair texture appears similar but hairline appears dissimilar.
E2YXFT	Similar	Similar texture
E7JQ38	Dissimilar	Dissimilar hair style and tone.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Similar density and hair type. Dissimilar hairline; Unknown's hairline is more asymmetrical.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar texture. Color is different probably due to age difference. Hairline is similar - both have a slight widows peak
HVURP4	Dissimilar	The known image has hair receding more on the sides than that of the unknown print. Unknown image has dark colored hair while the known has gray/salt and pepper coloring.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	appears darker in unknown image, different hairstyles presented in each image
KCVE8G	Similar	KNOWN: Long, straight graying hair that is pulled back on the top of the head from the face and rests straight down the sides and back of the head below the shoulders. The hair has a mix of dark colored hair and white/gray hair (salt and pepper hair) The hairline has a slight curve starting from the left side of the image, goes slightly downward at the center of the forehead creating a widows peak and then curves back up and over to the right side of the image. The hairline then makes a vertical line on both the right and left sides of the image down to the tops of the ears. The hair rests flat against the sides of the head and partially behind the left ear. UNKNOWN: Texture of the hair is smooth and straight, medium to dark in color, pulled back away from the face and appears to be loosely gathered/tied behind the head. There is a small widow's peak and the hairline has a slight curvature across the top of the head. The hairline curves slightly inward at the temples on either side of the head. Growth pattern from the scalp is similar to known. Contour from one temporal side, up across the top of the head and down to the other temporal side is longer, higher and inconsistent in comparison to the shape of the known's hairline.
KRWGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk appears to have a consistent color throughout most of the hair, possibly dark, has it pulled back from the face. K has many grey hairs, more "salt & pepper" throughout, has it half up half down.

Image Set Q5: Table 4.5(d) - Hair

WebCode	Observation	Feature Notes
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Not Applicable	
QCV8PW	Dissimilar	The hairline appears to be wider/pulled back more on the unknown. The subjects both present with a widows peak however the angle and location are dissimilar. The known appears to have a notch in the hairline to the right of the widows peak that does not appear visible in the unknown. The unknown appears to have darker hair however the photo is in greyscale and therefore the true color cannot be ascertained. The texture of the hair appears to be similar.
QFUJLW	Inconclusive	Hair is not similar in color. Known has salt and pepper hair. Unknown has dark hair color with a few silver strands. Hair is similar in texture. Hairline is not similar in contour.
QKRZZB	Dissimilar	Hairline of the probe and candidate appear to be dissimilar.
QT8L8U	Dissimilar	Even with the unknown photo being in black and white, it is clear the coloring of the hair is different. The both do have a widow's peak, but outside of that the hairline is different in shape.
QY9X6C	Dissimilar	Known hair color is gray, unknown can't really say to do black and white, hairline around the edges is dissimilar in location, both come to a peak but the known is wider, known hair is half up and half down, the unknown hair is pulled back
RJB49C	Similar	Difference in color and style, but consistent in thickness and widow's peak.
RTFBMC	Dissimilar	
T9A37R	Similar	Same texture, but known has gray hair while unknown has dark hair.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	hair differs in color, likely due to age difference - hairline appears to differ in regard to the shape around the forehead region
UGXDTR	Dissimilar	the known's hair appears more gray in color than the unknown; the known appears to have a more prominent widow's peak than the unknown and the placement along the hairline appears different; right to the right of the widow's peak there appears to be a slight irregular growth pattern in the known; the unknown appears to have a slightly more prominent growth pattern along the left temporal peak
VGDWFB	Dissimilar	Hairline let side
WK96YB	Dissimilar	
X2TF24	Dissimilar	Hair appears dissimilar in texture/tone/style; Hairline appears dissimilar, widow's peak present in both, however farther down and wider in K; more rounded hairline on sides in U
Z9L8L3	Dissimilar	Known has a more defined widow's peak than unknown. Hair color is different, but could be due to age

Image Set Q5: Table 4.5(d) - Hair

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	contour shape of the hairline along the side of the face are similar, however the hairline along the forehead is dissimilar, as the known's is shorter, straighter, and has two widow's peaks (one in the center and a smaller one on the right), whereas the unknown's is more rounded, forming two dome-like shapes on either side of the widow's peak which is smaller and narrower than the known's center widow's peak; texture appears to be relatively similar, however color is dissimilar as the known's is salt and peppered throughout whereas the unknown's is dark with some minor graying at the upper corners of the forehead and at the left sideburn; length can't be compared due to style differences; growth pattern is dissimilar as the known's appears to grow to the left whereas the unknown's grows to the right

Features Observations Response Summary - Q5 Hair			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	13 (21.3%)	
	Dissimilar	35 (57.4%)	
	Inconclusive	7 (11.5%)	
	Unable to Compare	3 (4.9%)	
	Not Applicable	3 (4.9%)	

Image Set Q5: Table 4.5(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Shape of the forehead is dissimilar, more squared on the known. Unknowns forehead is longer and protrudes more.
3UFTE6	Inconclusive	
44J8XH	Inconclusive	
474EX6	Dissimilar	One of the individual's forehead is protruding.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Forehead appears to be approximately the same size. Known forehead appears flatter from side to side than unknown. This could be due to head tilt/ angle.
8BND4V	[Not Reported]	relative height of forehead of Unknown(2) appears slightly higher than Known(1) from highest point of curve of eyebrow to hairline
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Known's forehead appears to be less contoured and more flat than unknown's. Frontal lines are different in their positions and curvatures. Both have vertical glabellar lines but they are in different positions between eyebrows coming up on forehead
9WM27B	Dissimilar	forehead of known is shorter than that of unknown. Unknown has a more round/bulbous/protrusive forehead than that of known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Dissimilar	Forehead shape
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	"Shorter" forehead in the known picture than unknown
AQVDNB	Similar	
BF6CMR	Similar	both have high forehead, similar wrinkles
BGZVPT	Similar	Both have similar spatial area and hairline
BVKBTR	Similar	similar shape,
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Forehead of known appears shorter and than unknown.

Image Set Q5: Table 4.5(e) - Forehead

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Both have Widow's pea, but overall hairline is different, forehead is longer on unknown image
E7JQ38	Dissimilar	Dissimilar forehead height, forehead hairline and widow's peak shape.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Unknown's forehead is larger with stronger brow ridge, Known's is more flat.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown has a taller forehead. There is more distance between the eyebrows and hairline than in the known. Known has more prominent forehead creases possibly due to age
HVURP4	Dissimilar	Unknown image has a protruding brow ridge while the known does not.
J4778Z	Dissimilar	one has frontal lines the other is not as prominent
JEFCV2	Similar	some creases in similar location/relationship to one another, but each image has some creases/marks not visible in other
KCVE8G	Dissimilar	KNOWN: The forehead is flat, there are 4-5 visible lines one of which is just above the browridge that extends across the entirety of the front of the forehead. There are 2, possibly 3, faint vertical glabellar lines. One of the glabellar lines extends up from the beginning of the right eyebrow and the other starts inbetween the center of the root of the nose and the beginning of the left eyebrow. There are a few, sporadic, very small and faint speckles of darker areas on the skin. UNKNOWN: there is slight outward curvature of a high forehead. Lines and creases are faintly visible but there is not enough clarity and detail of the image to determine exact amount, shape and direction. There is one faint crease across the center of the forehead that arches upward unlike the horizontal to slight downward curvature of the known's forehead line(s). The forehead is higher than known.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a more rounded forehead with a very shallow widows peak and several visible facial lines that are rounded and match the hairline in shape. K has a deeper widows peak with pronounced frontal lines that flow more with the brow shape than the hairline.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The forehead appears to be taller and wider on the unknown. The subjects both have an irregular upper shape to the forehead but not in a similar fashion. The middle of the forehead appears to have a similar amount of indentation on both subjects.

Image Set Q5: Table 4.5(e) - Forehead

WebCode	Observation	Feature Notes
QFUJLW	Dissimilar	Forehead is not similar in shape/width/length. Frontal bone is more dominate in the Unknown. Frontal lines are not similar in location/quantity/shape.
QKRZZB	Dissimilar	The forehead of the candidate appears to be flatter compared to the probe. The probe has more of a rounded forehead.
QT8L8U	Dissimilar	The known's forehead is shorter in height than that of the unknown. Width does appear similar.
QY9X6C	Dissimilar	Known is shorter in height and wider, frontal lines are visible in both but the knowns are deeper, frontal lines are not in the same location, brown ridge is dissimilar
RJB49C	Similar	Forehead is similar in shape and size and distant from eyebrows to hairline appears consistent.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	known has a pronounced widow peak while unknown has a more gradual widow peak.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67Nzd	Inconclusive	
U8BE68	Dissimilar	shape of the forehead appears to differ - frontal lines appear to differ on the foreheads - more prominent frontal glabellar lines appear on candidate
UGXDTR	Dissimilar	the unknown appears to have a longer forehead length; the known has more prominent facial lines that do not appear similar in shape and location to those visible in the unknown; the known has two prominent vertical glabellar lines that appear different in prominence and relative location to the one light/less prominent crease that appears in the unknown; the brow ridge prominence appears similar
VGDWFB	Dissimilar	Relative height
WK96YB	Inconclusive	
X2TF24	Dissimilar	Forehead appears larger in U, relative height and width appears dissimilar; slope appears dissimilar; frontal lines visible on both, appear dissimilar in location/prominence/quantity; brow ridges appear more prominent in U
Z9L8L3	Dissimilar	Unknown has a longer forehead. Creases observed in the known that are not in the unknown, but could be due to an age difference. There is a facial mark in the unknown that is not present in the known. There are also creases not consistent in the unknown that are present in the known (Mainly the vertical crease between the eyes).

Image Set Q5: Table 4.5(e) - Forehead

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	contour and musculature is dissimilar, as the known's is flat with a depression in the center but curved along the edges and the musculature is looser, whereas the unknown's is rounded with prominent frontal eminences and musculature is smooth; brow ridge rounded shape and subtle prominence is similar; shape and size is dissimilar, as the known's is rectangular in shape and shorter but the unknown's is dome-like in shape and much taller; the known has one prominent frontal line that possesses a wave-like shape that spans the entirety of the forehead that is close to the brows and three shallower and shorter frontal lines above it, whereas the unknown's frontal lines are very faint and the shape follows the curved contour of the forehead; the unknown has two prominent vertical glabellar lines, one that is off-centered to the left and the other perpendicular to the medial end of the right brow; the unknown has a round, raised, skin-toned bump adjacent to the medial end of the left brow, however this mark is not present on the known

Features Observations Response Summary - Q5 Forehead		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	12 (19.7%)	
Dissimilar	44 (72.1%)	
Inconclusive	5 (8.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q5: Table 4.5(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	The distance from the eyebrows to the eyes are closer on the unknown. Spacing between the eyebrows are also closer on the unknown. Growth of the unknown's eyebrows get lighter towards the tails, not found on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The thickness of the eyebrows is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Both subjects have eyebrows that are thicker near the center and get thinner at the ends. The shape of the eyebrows, especially the right, appears similar.
8BND4V	[Not Reported]	both appear to have similar general curve to shape of eyebrows; thickness appears slightly thicker toward lateral ends of eyebrows for Known(1) than Unknown(2), could be from grooming/trimming
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Starting positions at medial ends, curvatures, and growth patterns all appear to be different. Positions above eyes are different with known's being slightly higher
9WM27B	Dissimilar	Grooming and growth pattern, as well as thickness of eyebrows is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Shape; Size; Position; Density of hair; Hair details; Asymmetry Not comparable: (not visible in one or both images) Conjoined
A8F4MA	Dissimilar	Right eyebrow Left eyebrow
A9BMPB	Dissimilar	Grooming
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known subject has thinner, longer eyebrows
BGZVPT	Similar	Similar in size and shape
BVKBTR	Similar	similar shape of eyebrow. Old to younger self.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q5: Table 4.5(f) - Eyebrows

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Dissimilar	Eyebrows of known appear thinner than the that of the unknown. This could be due to grooming or age though.
E2YXFT	Dissimilar	Different shape and hair density
E7JQ38	Dissimilar	Dissimilar eyebrow shape, size, tone, distribution and asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Inconclusive	Dissimilar grooming. Known's are darker, more angular, and hairs are groomed in the direction of the arch of the brow. Unknown's are more sparse, flatter, and groomed straight up.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown hair growth in the eyebrows appears to go up and out while the Known has eyebrows with hair growth that follows the curve of the eyebrow. Known has fuller eyebrows with more hair.
HVURP4	Dissimilar	The brows of the unknown image are more sparse and lighter in color than the known image.
J4778Z	Dissimilar	
JEFCV2	Similar	similar size and curvature
KCVE8G	Similar	KNOWN: Wearing eye glasses but the glasses rest below the eyebrows, eyebrows are visible above the top of the rim of the glasses. Eyebrows are dark, have a curved shape but they rest across a flat/horizontal line. The eyebrows follow the oval/almond arched shape of the eyes. The eyebrows are symmetrical, even and relatively equal above the left and right eyes. They get somewhat thinner, more narrow, at the lateral end. UNKNOWN: Eyebrows are consistent in placement, width and shape. The eyebrows have a high arch, strong/prominent brow ridge unlike the more subdued brow ridge of the Known image. Upper lid is smooth and visible unlike known image. Brow ridge is shorter in width.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk appears to have shorter width brows but thick medial edges and thinning near the lateral edges. K has dark (maybe tinted) brows that appear slimmer but longer. K has a small round facial marking at lateral edge of L brow.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q5: Table 4.5(f) - Eyebrows

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The right eyebrow appears to come to a higher apex on the lateral portion of the known. The left brow appears to come to a higher lateral apex on the unknown. The brows appear to be closer on the unknown. The coloration appears to be dark on both but due to the greyscale of the unknown the true color cannot be ascertained. The growth pattern of the subjects appears to be dissimilar.
QFUJLW	Dissimilar	Eyebrows are not similar in thickness. Glabellar lines are not similar in size/shape/location. Unknown has a bump in between both eyebrows. Distance between the eyebrows are not similar.
QKRZZB	Dissimilar	The growth pattern and thickness of the eyebrows appears to be dissimilar.
QT8L8U	Dissimilar	Protrusion of the brow ridge, density of the hair, and grooming appears dissimilar.
QY9X6C	Dissimilar	Thickness is dissimilar, distance apart is further in the known, unknown has a mark between the eyebrows that is not present in the known, vertical glabellar lines are dissimilar in size/shape/location, arch is dissimilar, color can't say due to black and white image of unknown, distance to eyes is further apart in the known
RJB49C	Similar	Eyebrows are consistent in size and location, despite having a different style in each photo. Also, it appears that known candidate is wearing makeup which may account for this difference.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	known has thick eyebrows while unknown has sparse texture.
TLDKJC	Similar	
TQ9EET	Dissimilar	
U67NZZ	Similar	
U8BE68	Dissimilar	candidate brows appear to be darker in color and thinner in appearance - general angle of the brows appear to be similar
UGXDTR	Dissimilar	unable to definitively compare eyebrow color due to black and white photo, but tone appears to that it could be similar; the contour of the eyebrows appears similar, but the shape of the terminal ends of the unknown's eyebrows appears thicker than the known, this difference could be due to grooming; the medial distance between the known's eyebrows appears longer than the unknown; the unknown appears to have a facial mark or scar present towards the medial end of the left eyebrow that isn't present in the known
VGDWFB	Dissimilar	Shape, size, asymmetry between right and left eyebrows
WK96YB	Similar	
X2TF24	Dissimilar	Eyebrows appear dissimilar in shape/thickness/darker on K; some asymmetry similar in left eyebrow being higher than right; wider apart in K
Z9L8L3	Dissimilar	Eyebrow shape and growth is different between the two. Known's eyebrows appear darker in color

Image Set Q5: Table 4.5(f) - Eyebrows

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	shape, size, thickness, and length is dissimilar; the known's brows are longer from end to end, darker, more arched at the lateral ends, and appear to be thicker/denser at the medial ends whereas the unknown's are more compact in length, more uniform in width, sparser at the lateral ends, and they are arched to a lesser degree; the approx. distance between the medial ends and above the eyes is similar, however due to the shape, the known has a larger distance between the eyes and the lateral ends

Features Observations Response Summary - Q5 Eyebrows			Total Participants: 61
	Response	Percent Reported	
	Similar	16 (26.2%)	
	Dissimilar	42 (68.9%)	
	Inconclusive	3 (4.9%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	0 (0.0%)	

Image Set Q5: Table 4.5(g) - Eyes

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Unable To Compare	
2XLVQ2	[Not Reported]	Alignment of the eyes is similar. Shape of the eyes is similar. Shape of the medial canthus is dissimilar, Longer and more pointed on the known. Folds of the upper eyelids are similar. Left and right lateral canthus has a similar prominence and are found in similar locations.
3UFTE6	Unable To Compare	
44J8XH	Inconclusive	
474EX6	Dissimilar	The superior palpebral creases are dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known eyelids are hooded on both eyes. Unknown right eyelid is hooded, can see eyelid on left eye. The shape of the right eye is similar on both subjects.
8BND4V	Dissimilar	Known(1) is wearing glasses; Known(1) has more wrinkles present around eyes, particularly under eyes and crow's feet; Unknown(2) has what appears to be crease/small indent near left lateral corner of eye not present for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Unable To Compare	
9NAAFD	Dissimilar	medial canthus shapes appear different, eye shapes appear different interpupillary distance is different with known's being a little more longer, under eye lines are different in positions and curvatures as well as deepness
9WM27B	Dissimilar	known has hooded top eyelids/no eyelid visible, and unknown has visible eyelids. overall eye fissure appears dissimilar.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Inter-canthal distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow; Eyeball prominence; Sclera: visibility; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry
A8F4MA	Dissimilar	Inter-canthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, Right and left eye medial canthus Right and left eye lateral canthus
A9BMPB	Dissimilar	Same off-set, but unknown is more pronounced
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar shape, depth
BGZVPT	Similar	Both are rounded in shape

Image Set Q5: Table 4.5(g) - Eyes

WebCode	Observation	Feature Notes
BVKBTR	Similar	similar eyelid shaps, much older on known.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Eyes are similar in shape but are more hooded in the known. This could be due to age, though.
E2YXFT	Inconclusive	Eyes seem to be slightly closer to each other on unknown image
E7JQ38	Dissimilar	Dissimilar eye angle and medial canthus shape and size.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Dissimilar	Both have hooded eyes, but left eye is more hooded in Known. Greater intercanthal distance and brow to eye fissure distance in Known. Size and shape are similar.
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown has a visible superior palpebral crease in the left eyelid and none in the right eye where the known has epicanthic folds in both eyes. I'm not sure if age can effect that or not. Unknown has a left medial canthus that slightly turns up where the Knowns slightly turns down. Unknown also has caruncles where the known does not.
HVURP4	Similar	Similar in almond shape but the upper lid on the known image overhangs slightly. The "11" creases do not match up in location. The unknown image has a lump/pimple/imperfection between te brows on the unknown image that is not present on the known.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	more creases in known, may be due to agine
KCVE8G	Dissimilar	KNOWN: There are aparent age related changes to the outer eye in that there are exaggerated crowsfeet from drooping skin due to the slight drooping of the outer edge of the eyebrows, there is excess skin of the upper eyelid that is covering the lid crease and there are multiple fine lines around and under the edges of the eyes along with lower lid bags. Appear uniform in size and shape. UNKNOWN: Eyes appear deeper within the orbital socket. Eyes appear to be similar in tone to the known image but unable to determine with accuracy as the known image is color and unknown is grayscale. The inner canthal distance appears more narrow than the wider inner canthal distance of the known image. Lateral orbital rim is wider than known. The glabella area between the eyebrows is more "V" shaped and the distance between the eyebrows is shorter. There are less age related changes in the unknown image than in known. The left eye appears slightly larger than the right eye. the upper eyelid of the left eye is more visible than the right upper eyelid which is mostly covered by excess skin from the upper eye.
KRVGN	Similar	

Image Set Q5: Table 4.5(g) - Eyes

WebCode	Observation	Feature Notes
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk appears to have much smaller eyes and smaller upper lids and deeper more pronounced infraorbital creases. Both appear to possibly have dark eyes.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The eyes appear to have a shorter intercanthal distance on the unknown. The lateral canthus of the right eye appears to be higher on the unknown. The medial canthus appears to be higher than the lateral of the left eye. There is a similar shaping on the right lateral canthus on both subjects. The eyes appear to be more deep-set on the known. The angle of the eyes appears to be dissimilar on both subjects.
QFUJLW	Inconclusive	Similar in contour. Medial canthus is not similar in shape. Lateral canthus is similar in contour but not shape. Distance between eyes and eyebrows are greater in the Known than the unknown. Eyes are similar in color.
QKRZZB	Dissimilar	The shape of the medial canthus of the left and right eyes on the probe and candidate appear to be dissimilar. The overall shape of the eyes appear to have some dissimilarities as well.
QT8L8U	Dissimilar	Shape of the medial and lateral canthus appears similar. Eyelids are visible on the unknowns image, while they are not in the known. Lower eyelid thickness also appears different.
QY9X6C	Dissimilar	Eyelids droop in the known, superior palpebral creases are visible in the unknown but not the known, lateral canthus is dissimilar in size/shape, mark near the left lateral canthus in the unknown that is not visible in the known, medial canthus is dissimilar in shape/size, inferior palpebral creases are dissimilar in shape/size/location, shape is more almond like in the known
RJB49C	Similar	Eyes are equidistant with consistent shape. The folds of the upper lids and the creases below the lower lid are different, likely due to age difference between photo dates.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	known upper eyelid is obstructed while unknown is not.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Unable To Compare	
U8BE68	Dissimilar	superior palpebral creases appear to differ, seen on probe but not on candidate - inferior palpebral creases below the eye appear to be more prominent on the candidate

Image Set Q5: Table 4.5(g) - Eyes

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	unable to definitively compare eye color due to black and white image, but both appear to have dark eyes; the upper eyelids are fully covering any superior palpebral creases in the known versus partially or not all covering in the unknown, the unknown has a distinct superior palpebral crease; the shape of the medial canthi in both eyes appears slightly different; the known has more prominent inferior and infraorbital creases that appear different in shape; the known has more distinct crow's feet creases and also extending upwards on the eye lid
VGDWFB	Similar	Superior palpebral crease , lower eyelid
WK96YB	Unable To Compare	
X2TF24	Dissimilar	Periorbital eyelid appears larger in K, more hooded in K, may be due to aging; upper eyelid larger in U; left medial canthus appears dissimilar in shape and caruncle appears larger in K; right medial canthus appears dissimilar, farther extended towards nasal root in U; intercanthal distance appears somewhat similar, interpupillary distance appears slightly wider in U; inferior palpebral creases appear dissimilar in shape/prominence
Z9L8L3	Dissimilar	Eyes are both dark in color. The known has hooded eyes where the unknown does not (could be due to age). The medial canthus appears to be a different shape when compared to both.
ZCKK6L	Dissimilar	approx. intercanthal distance is dissimilar, as the known appears to have a greater distance; the degree of hoodedness is dissimilar, as the known's upper eyelids are completely hooded, whereas the unknown's are hooded to a lesser degree; the curvature of the upper eyelid is similar, however the known's lower lids appear to be slightly more round; unknown has more sclera visible in the lateral corners than the known; medial canthi are difficult to compare due to known's glasses and shadowing present, however the known's appear to be pointed and curve down whereas the unknown's are rounded and more level; the known has several periorbital creases visible whereas the unknown only has one visible at the corner of the right eye; the shape of the infraorbital creases are dissimilar, and the unknown's are more pronounced

Features Observations Response Summary - Q5 Eyes		Total Participants: 61
Response	Percent Reported	
Similar	12 (19.7%)	
Dissimilar	37 (60.7%)	
Inconclusive	6 (9.8%)	
Unable to Compare	6 (9.8%)	
Not Applicable	0 (0.0%)	

Image Set Q5: Table 4.5(h) - Cheeks

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Fullness of the cheeks are similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Cheeks are similar
8BND4V	Similar	appear to have similar shape to cheeks
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Both known and unknown's left cheek is similar in shape and size though unknown's appears to be a bit pudgier, the right cheek is different in contouring down toward bottom
9WM27B	Similar	height and fullness of cheeks is similar.
A4GTRA	[Not Reported]	Similarities: Cheekbone prominence; Cheek shape Not comparable: (not visible in one or both images) Dimples
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar shape, fullness
BGZVPT	Similar	Similar in shape and size
BVKBTR	Similar	similar cheeks.
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEW	Similar	
D3D3DQ	Dissimilar	Cheeks appear more full in the known than the unknown. This may be due to age, weight difference, and expression.
E2YXFT	Dissimilar	Fuller on unknown image
E7JQ38	Similar	Similar cheek soft tissue fullness.

Image Set Q5: Table 4.5(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar shape and size, but Known's are fuller in the lower portion of the cheeks.
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar cheek bone prominence. No dimples present in either image.
HVURP4	Dissimilar	The nasal labial crease on the left side of the unknow comes to more of a point while the knowns are more rounded.
J4778Z	Dissimilar	
JEFCV2	Similar	similar curvature and nasolabial lines
KCVE8G	Similar	KNOWN: The cheeks are full and round, mostly unremarkable. High cheekbones. UNKNOWN: Similar in shape, fullness and texture to known's cheekbones.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	Both appear to have similar cheek shape but with K having slightly looser skin. Unk has many facial markings that are not visible on K.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Inconclusive	The cheeks appear to be larger on the known, but it could be due to age and weight. The cheeks appear to be wider on the superior portion.
QFUJLW	Similar	Similar in shape/size.
QKRZZB	Dissimilar	The shape of the cheeks appear to be dissimilar between the two images.
QT8L8U	Similar	Height of the cheek bones appear similar
QY9X6C	Dissimilar	Known cheeks are longer, the fullness appears to be similar, mark throughout the unknown's cheeks that are not present in the knowns, dimple present on the left cheek of known that is not present in the unknown
RJB49C	Similar	The cheeks of both known and unknown are consistent in fullness and shape.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	

Image Set Q5: Table 4.5(h) - Cheeks

WebCode	Observation	Feature Notes
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Similar	cheeks appear to be similar in general fullness and shape
UGXDTR	Inconclusive	similar fullness to the cheeks; similar cheek bone prominence; the unknown has various facial marks present that aren't present on the known
VGDWFB	Similar	cheekbone
WK96YB	Similar	
X2TF24	Inconclusive	Cheeks appear slightly fuller in K; presence of dimples in both, dissimilar in location/shape; zygomatic bones appear similar in prominence
Z9L8L3	Inconclusive	Cheeks are similar although there are facial marks that are not similar in location in both.
ZCKK6L	Dissimilar	shape, size, and degree of fullness is similar, however the known's musculature appears to be loose whereas the unknown's is taut; cheekbones are similarly positioned and prominent; the known's cheeks are rosy near the nasolabial folds whereas the unknowns are significantly freckled and display uneven tonality

Features Observations Response Summary - Q5 Cheeks		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	39 (62.9%)
	Dissimilar	14 (22.6%)
	Inconclusive	7 (11.3%)
	Unable to Compare	1 (1.6%)
	Not Applicable	1 (1.6%)

Image Set Q5: Table 4.5(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Length of the unknown's nasal body is longer; known's nose is wider. Tip of the nose is more bulbous on the known. Curvature of the nostrils is dissimilar, more slanted to the right on the known.
3UFTE6	Similar	
44J8XH	Inconclusive	
474EX6	Similar	
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both noses have a distinct curve / point downwards in the center with the nostrils curving upward. The bridge of the nose on the unknown appears skinnier than the known.
8BND4V	Dissimilar	nasal tip appears slightly more prominent/thinner for Unknown(2) than Known(1) with slightly more downward tilt/angle; curve of nostril from nasal tip to alae appears to have more subtle/straighter curve for Known(1) than Unknown(2) which appears to have steeper curve
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAF7	Dissimilar	nasal root distance and indentions are different with known's being wider in distance and less indented than unknown's, unknown has a narrower nasal body and a pointier tip, ala and nostril shapes are different
9WM27B	Dissimilar	nasal body of unknown is longer and thinner than that of known. both have a unique/pointed nasal tip, however, the tip of the unknown is thicker and more bulbous than that of known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Nasal outline: shape, length, width, prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape, size; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Dissimilar	Nasal outline, Nasal body, Nasal tip
A9BMPB	Dissimilar	Known: wider in gen, less diagonal from tip – nostrils.
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Similar	both have long, thin noses with pointy tip
BGZVPT	Similar	Nose in both is similar in shape and size. Pointed tip and a raised right nostril.
BVKBTR	Similar	similar nose, fuller on known,
BYKLN7	Dissimilar	

Image Set Q5: Table 4.5(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Nose of known appears shorter than that of the unknown.
E2YXFT	Dissimilar	Overall shape is similar, but the nose on unknown image is longer and pointier, asymmetry is visible in the nasal base of known image
E7JQ38	Dissimilar	Dissimilar nose body and nose tip shape and size and nostril angle.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known's nasal root, body and base are wider than the Unknown's. Unknown's nasal tip is more angular and pointed and visible nostril outline is more angular. Alars appear similar.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Nasal body appears wider in the known. Not sure if the weight of glasses can effect that or not. Both have a left nostril that is slightly higher than the right. Nasal tip appears longer and more pointed in the unknown.
HVURP4	Dissimilar	The bridge of the nose on the unknown image is narrower and the tip is longer and thinner.
J4778Z	Similar	basic shape appears similar
JEFCV2	Similar	similar nostril shape and curvature, bridge seems thinner in unknown
KCVE8G	Dissimilar	KNOWN: the bridge of the nose is prominent but symmetrical and equivalent to the rest of the features on the face, not a small nose but not oversized in comparison to the rest of the facial features. It wider at the base and narrows between the eyes. Triangular in shape. Nostrils have a slight flare upward, the columnella is narrow, nostrils are symmetrical, and the nose is free of scars, marks, blemishes etc. UNKNOWN: The bridge of the nose is long, thin, tip of nose is thin/less bulbous, and nostrils have a high arch or upward flare. The apex of the nose is long and pointy. The columnella is wider than known's columnella.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a very narrow nasal root, body, tip, and nasal base, as well as a long nasal tip that almost appears to overhang the nasal body a bit. K has a wider nasal root and a much wider nasal tip than Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Similar	

Image Set Q5: Table 4.5(i) - Nose

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The nasal root appears to be more indented on the unknown. The nasal body appears to be more pronounced and longer on the unknown. The nasal tip appears to be more drooping on the unknown which would be unexpected given what appears to be a younger age. The ala both angle upward but it appears to be sharper on the unknown.
QFUJLW	Dissimilar	Nasal root is not similar in width. Nasal body is not similar width/length/shape. Nasal tip is not similar in shape. Nostrils are similar in shape. Ala are similar in shape/contour.
QKRZZB	Dissimilar	NOSE The shape of the nasal base appears to be dissimilar between the probe and candidate. The nasal body of the probe appears to be slimmer compared to the nasal body of the candidate. The shape of the nostrils could possibly be similar between the probe and candidate.
QT8L8U	Dissimilar	The nasal body of the known is thicker than that of the unknown. The nasal tip of the unknown is also more narrow than that of the known.
QY9X6C	Dissimilar	Nasal root is wider in the known, length of nose is longer in the unknown, nasal base is wider in the known, nostril size/shape from what is visible appears to be somewhat similar, tip of nose comes more to a point in the known where the unknown has more of a rounded tip, marks on unknown nose that are not visible in the known, nasolabial folds are dissimilar in location/shape, ala appears to be thicker in the known
RJB49C	Dissimilar	The nose of known candidate is more full than that of unknown, possibly due to age and/or weight differences between photo dates. Shape of the columella and nostrils is consistent, as well as length.
RTFBMC	Similar	
T9A37R	Dissimilar	Known has a sharper nasal tip compared to unknown. Known nasal flare is less pronounced.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	the nasal tip of the probe appears to be more pointed compared to the rounded tip of the candidate - nasal body of the probe appears to be thinner - nasolabial folds appear to be more prominent on the candidate
UGXDTR	Dissimilar	known nasal root appears wider; unknown's nasal bridge appears more narrow and defined; nasal tip appears similar in overall width; unknown's nasal tip appears more pronounced in shape and appears to protrude more downwards and also favoring to the right; the known's left nasal alae appears more pronounced in shape especially towards the upper attachment site; the nasolabial folds appear similar in prominence and shape
VGDWFB	Dissimilar	Nasal body (width, length)
WK96YB	Similar	
X2TF24	Dissimilar	Nose appears longer in U; nasal body appears more narrow in U; nasal tip extends further down in U; columella appears wider in U; nasal tip appears larger and more bulbous in K; alae appears thicker in K; nasal root appears wider in K
Z9L8L3	Dissimilar	The nasal tip on the known is wider than the unknown. The unknown has a more pointed nose and the nostrils appear to be set back. The unknown's nose is longer and thinner than the known's.

Image Set Q5: Table 4.5(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Inconclusive	overall shape and size is somewhat similar, however the known's is wider and doesn't protrude as much; the known's nasal bridge is wider and shallower; nasal body is similar in relatively straight shape and length, however the unknown's is narrower; the width of the nasal base is similar, however the unknown's nasal tip hangs over more, is wider, rounder, and "U" shaped, whereas the known's is shorter and "v" shaped; nostril shape and size is similar; the manner in which the alae attach above the columella, the curved shape, and the thickness is similar; the asymmetric shape of the nasolabial folds, with the right a subtle curved shape and the left an angular shape is similar, however the unknown's continue into the marionette lines, whereas only the known's left attaches to the marionette at an angle

Features Observations Response Summary - Q5 Nose			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	17 (27.4%)	
	Dissimilar	42 (67.7%)	
	Inconclusive	3 (4.8%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	0 (0.0%)	

Image Set Q5: Table 4.5(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Inconclusive	
2XLVQ2	Unable To Compare	Unable to compare, ears partially covered on both subjects.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	A comparison cannot be made on the ears due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Can only see the very top and bottom of the left ear on the known. Can see both ears on the unknown.
8BND4V	Unable To Compare	unable to compare much details of ears due to being covered by hair for Known(1) or Unknown(2), not much area in common visible
8FHAQ2	Unable To Compare	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	known's ears sit a little lower on head than unknown's, earlobe shapes appear different, helix thicknesses of left ear appear different
9WM27B	Unable To Compare	difficult to compare in detail due to obstruction by hair. Left ear lobe is visible. Placement of piercing appears dissimilar. thickness of lobe appears dissimilar.
A4GTRA	[Not Reported]	Left ear only Similarities: Ear protrusion Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall ear: size, shape angle; Lobe: size, shape Not comparable: (not visible in one or both images) Asymmetry; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Similar	Similar off-set. Almost unable to compare.
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Unable To Compare	hair covering in both subjects
BGVPT	Not Applicable	Hard to see, hidden by hair mostly.
BVKBTR	Unable To Compare	similar lower lobe, but covered mostly on known.
BYKLNK	Inconclusive	
CBAKDA	Dissimilar	

Image Set Q5: Table 4.5(j) - Ears

WebCode	Observation	Feature Notes
D2JEV	Inconclusive	Lobe similar, but most ear cannot be seen
D3D3DQ	Unable To Compare	Hair is covering or partially covering ears in both.
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar ear attachment.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Dissimilar	Ears are not fully visible for comparison. Known's lobes are more rounded and fleshy. Left earring does not appear to be in the same position on the lobe. Ear lobe attachment on Known appears lower on the head (no discernable pitch difference so I don't think that would be impacting it, also their isn't a drastic age difference to justify drooping ear lobes).
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Inconclusive	Not really visible. Both have pierced ears. The left ear lobe of the unknown appears attached where the left ear lobe of the known does not.
HVURP4	Unable To Compare	Not enough in common that is visible.
J4778Z	Not Applicable	
JEFCV2	Similar	not completely visible in either image due to hairstyle
KCVE8G	Not Applicable	KNOWN: Mostly covered by long, straight hair. The left ear is slightly exposed, peeking out from behind the hair. There is a slight protrusion of the ear, it is long, the tissue of the earlobe is full/fleshy with an earring. UNKNOWN: There is a slight protrusion of the ears, it is long, the tissue of the earlobe is full/fleshy with an earring.
KRWGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Visible parts of ears are not in common other than L lobe. Both have earrings in lobes and K has a lobe that hangs slightly slower than K's.
MMPAFW	Dissimilar	
MX9NJY	Unable To Compare	
NPD6JF	Inconclusive	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The top of the helix appears to be higher on the left ear of the unknown. The pitch of the faces appears to be similar and therefore it appears that the lobe location appears to be higher. The rest of the features of the ear are not able to be compared more thoroughly due to hair covering.
QFUJLW	Unable To Compare	
QKRZZB	Not Applicable	Difficult to compare due to the hair on the probe covering it.

Image Set Q5: Table 4.5(j) - Ears

WebCode	Observation	Feature Notes
QT8L8U	Unable To Compare	
QY9X6C	Dissimilar	Right ear of known is not visible due to hair, some of the left ear is also covered by hair in the known, the tops of the ears are covered in the unknown due to hair, both have earrings but are different style – known has studs and unknown has hoops, lobes appear to be attached in the unknown and unattached in the known, the ear lobes also look like they stick out more in the known
RJB49C	Unable To Compare	Ears are not visible enough in each photo to compare.
RTFBMC	Unable To Compare	not enough visible for comparison
T9A37R	Dissimilar	Known ear lobe is fully detached/rounded while unknown ear lobe is slightly attached, less rounded at the bottom.
TLDKJC	Inconclusive	
TQ9EET	Dissimilar	
U67NZD	Unable To Compare	
U8BE68	Inconclusive	candidate ears are not visible - left lobe appears to be more connected on probe
UGXDTR	Unable To Compare	unable to fully compare due to hair covering; the known's ears appear to sit lower on the face; both appear to have ears pierced; the left lobe attachment appears similar; unable to perform any comparison on right ear
VGDWFB	Inconclusive	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	Left earlobe appears longer in K, presence of piercing in left ear of both
Z9L8L3	Inconclusive	Hair is obscuring most of the ears in the known. The left ear lobe sticks out a little in the known, but a comparison is difficult due it not being fully exposed.
ZCKK6L	Inconclusive	the majority of the known's left ear is covered by a strand of hair and the right is completely covered, and the upper portion of the unknown's left ear is covered by hair, therefore the comparison is very limited; the degree of protrusion appears to be relatively similar; the known's lobe is unattached, flips away from the face, and appears to be thicker, whereas the known's is attached; both have their lobe pierced

Features Observations Response Summary - Q5 Ears		Total Participants: 62
Response	Percent Reported	
Similar	3 (4.8%)	
Dissimilar	10 (16.1%)	
Inconclusive	16 (25.8%)	
Unable to Compare	28 (45.2%)	
Not Applicable	5 (8.1%)	

Image Set Q5: Table 4.5(k) - Mouth

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Lips are thin on known and unknown. Fissure of the mouth is dissimilar, slanted on the known. Marionette lines are dissimilar, curved downward on the known. Cupids bow is dissimilar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The fullness of the lips and the corner of the lips are dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have a small cupid's bow, but known has a pointier/ deeper cupid's bow and unknown has a wider/ flatter cupid's bow.. Both have thin upper and lower lips. Both subjects have a small smile/ smirk. The outer corners of the lips on the known curve downward. The outer corners of the lips on the unknown curve upward. This difference could be due to age difference between subjects with known being older. Unknown lower lip protrudes slightly farther out than skin below. Known lower lip does not protrude.
8BND4V	Dissimilar	cupid's bow of Known(1) appears to have more pointed v-shape than Unknown(2); curve of left/right corners of mouth have more downward tilt/angle for Known(1) than Unknown(2)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	philtrum shapes and sizes are different especially as they come to top of lip, mouth end angles are different, bottom lip shapes and vermillion border under bottom lips are different
9WM27B	Dissimilar	shape of the upper vermillion boarder is dissimilar. The width and depth of the philtrum is dissimilar. the thickness of the lower lip is dissimilar. Mouth fissure is dissimilar.
A4GTRA	[Not Reported]	Similarities: Upper lip: fullness; Lower lip: fullness Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, protrusion, upper vermillion border shape, detail; Lower lip: shape, protrusion, lower vermillion border shape, detail; Lip fissure: shape, degree of contact, angle; Asymmetry Not comparable: (not visible in one or both images) Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Dissimilar	Philtrum, Upper lip, Lower lip, Lip fissure
A9BMPB	Dissimilar	Known has more narrow cupid's bow. Also more narrow lower lip.
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	

Image Set Q5: Table 4.5(k) - Mouth

WebCode	Observation	Feature Notes
BF6CMR	Similar	both have thin lips, upper lip is not symmetrical in both subject
BGZVPT	Similar	Similar in size and shape
BVKBTR	Similar	similar mouth, pursed lips vs resting,
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Similar	Mouth is similar in size and shape. Lips are of similar fullness, but more defined in known. This could be due to makeup.
E2YXFT	Dissimilar	Longer philtrum on known image, mouth corners are pointing downwards on known image and upwards on unknown image
E7JQ38	Dissimilar	Dissimilar mouth, fissure and mouth corner shape, size and angle.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Upper vermillion border shape is dissimilar particularly at the cupid's bow. Lower vermillion border is more rounded in the Known and flatter and squared in the Unknown. Mouth width similar. Distance between the lower Vermillion border and the mentolabial sulcus is similar.
FG99H7	Unable To Compare	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has a more defined cupid's bow. Unknown has a fuller bottom lip.
HVURP4	Dissimilar	The bottom lip of the unknown is flatter and wider while the known image is rounded.
J4778Z	Similar	
JEFCV2	Dissimilar	different expressions present (one tends up while one tends down)
KCVE8G	Inconclusive	KNOWN: thin lips, pressed together with a slight, downward turning grin. Nasolabial folds are deep, and curve outward with the slight grin. The philtrum is subtle, the philtral ridges are flat, almost even with the philtral column, and the space is wide between the top of the lip and base of the nose. Lower lip is shorter than upper lip. There is a small, 'v' shape at the center edge of the cupid's bow. UNKNOWN: philtral ridge of the lower lip curves upward and is equal in length to the upper lip. Lower lip is longer than lower lip of known. The cupid's bow has a slight, gentle curve or wave as opposed to the small, 'v' shape of the edge of the cupid's bow in known image
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Both appear to have very thin lips but Unks appear to be evenly thin, while K appears to have a slightly fuller upper lip. K has downturned corners, Unks are upturned. K appears to have wider set nasolabial creases.

Image Set Q5: Table 4.5(k) - Mouth

WebCode	Observation	Feature Notes
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Dissimilar	The philtrum appears to be smaller on the unknown. The cupid's bow appears to be smooth on the unknown. The lower lip appears to be fuller on the unknown however there is a change of expression. The upper lip appears to have a different contour however that could be due to expression. There appears to be a discoloration on the lower lip of both subjects.
QFUJLW	Dissimilar	Vermillion border is not similar in shape. Upper lip is similar in thinness. Both lip is not. This could be due to unnatural expression in the Known.
QKRZZB	Dissimilar	The shape of the mouth between the probe and candidate appears to be dissimilar. The width of the philtrum between the probe and candidate are dissimilar. The probe appears to a narrower philtrum compared to the candidate.
QT8L8U	Similar	Thickness of the lips, fissure, and width appear similar. The upper and lower vermilion borders appear dissimilar.
QY9X6C	Dissimilar	The known mouth appears to slant downwards, and the unknown is straight across, lips are thinner in the known, fissure of mouth is dissimilar, marionette lines are dissimilar in size/location, philtrum is dissimilar in size/shape/location, cupid bow is dissimilar in shape, bottom vermilion border is dissimilar, tubercle of upper lip is visible in the known but not the unknown
RJB49C	Similar	The mouth is consistent in shape, including the lips being thin.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known mouth fissure is elongated and the upper and lower vermilion boarder shape is different/fuller.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Dissimilar	mouth differs in overall shape due to expression - cupid's bow of the candidate appears to be sharper in the center - corners of the mouth appear to curve more downward on the candidate
UGXDTR	Dissimilar	unknown's mouth appears slightly wider; distance between upper lip and nose appears longer in known; fullness to lips appears similar; the unknown appears to have a slightly wider distance between upper lip alae peaks and wider cupid's bow; the terminal ends of the lip fissure on the known extend downwards where as the unknown's extend slightly upwards; the location and shape of the right marionette line appears different
VGDWFB	Dissimilar	Overall (shape ,symmetry) mouth asymmetry
WK96YB	Similar	

Image Set Q5: Table 4.5(k) - Mouth

WebCode	Observation	Feature Notes
X2TF24	Dissimilar	Distance from nasal base to upper vermillion border appears longer in K; philtrum appears wider and more protruded in U; upper vermillion border appears dissimilar in shape; lower vermillion border appears dissimilar in shape; fullness appears dissimilar in upper and lower lips, left side of upper lip appears fuller than right side in both; mentolabial sulcus appears farther down in K, more defined in U
Z9L8L3	Dissimilar	Cupid's bow is defined in the known, but not observed in the unknown. The shape and fullness of the lips is slightly different as well.
ZCKK6L	Dissimilar	area between the nasolabial folds is dissimilar, as the known has more area; philtrum is dissimilar, as the known's is narrower, shallower, and pointed at the base, whereas the unknown's is "U" shaped, wider, and deeper; overall mouth size and lip fullness is similar, however shape is dissimilar; known's upper vermillion border is rounded and longer than the unknown's; lower lip shape is dissimilar, as the known's is asymmetric and round, whereas the unknown's is bracket shaped and fuller; fissure shape is dissimilar, as the known's curves downward at the corners of the mouth, however the unknown's curve upward; unknown's marionette lines are straight and vertical whereas the known's are curved in shape; known has a small bulge beneath the center of the lower lip whereas the unknown's is depressed beneath the lower lip

Features Observations Response Summary - Q5 Mouth		Total Participants: 60
Response	Percent Reported	
Similar	19 (31.7%)	
Dissimilar	37 (61.7%)	
Inconclusive	3 (5.0%)	
Unable to Compare	1 (1.7%)	
Not Applicable	0 (0.0%)	

Image Set Q5: Table 4.5(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns chin is rounded, more squared on the unknown.
3UFTE6	Similar	
44J8XH	Inconclusive	
474EX6	Dissimilar	One of the individual's jaw is asymmetrical.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Overall shape and size of the chin is similar. Jaw line is soft and slightly curved on both subjects. Known subject appears older and has more loose skin and wrinkles around the chin.
8BND4V	[Not Reported]	chin appears to protrude more for Unknown(2) than Known(1); both have rounder curve to jawline
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	known's jawline is a little more rounded with less gonial angles, known's chin is more rounded and longer than the unknown's squared chin with a wider slight indentation
9WM27B	Similar	Distance from lower lip to chin is dissimilar. The chin of the known is more bulbous than that of unknown.
A4GTRA	[Not Reported]	Similarities: Chin: width relative of rest of face; Jawline: definition; Gonial angle: shape, definition; Asymmetry Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Chin: overall shape, length, prominence, details; Jawline: shape
A8F4MA	Dissimilar	Chin
A9BMPB	Inconclusive	Both have significantly prominent jawline. Difficult to say if due to age gap, or real similarity. Unknown have a more squared chin, while known is more circular – but could be just due to furrows... Known also has a left-oriented chin in relation to a hypothetical midline through the face.
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Inconclusive	different smiles are creating different appearance to chin in known
BGZVPT	Similar	Although there is an age difference, the jawline and chin are similarly shaped
BVKBTR	Similar	similar jawline, chin hard to figure due to pursing of expression on known.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q5: Table 4.5(I) - Chin/Jawline

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Jawline is similar. Known's chin appears more rounded than the unknown's chin.
E2YXFT	Dissimilar	Slightly more prominent chin on unknown image
E7JQ38	Dissimilar	Dissimilar chin shape and size.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Similar jawline shape. Known's chin is more rounded and Unknown's chin is more squared with a cleft. Chin width is similar.
FG99H7	Inconclusive	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Similar shape but unknown's chin appears to be a little wider.
HVURP4	Dissimilar	The known's chin is rounded and full while the unknown's is more straight across. The length from bottom lip to the chin appears shorter in distance on the unknown image than the known.
J4778Z	Similar	
JEFCV2	Similar	creases and curvature similar, more creases in known due to age
KCVE8G	Inconclusive	KNOWN: The chin has a round contour. There are what appears to be jowls, sagging, loose skin below the jawline that is common with aging. UNKNOWN: The bottom edge/contour of the chin is flat/straight and overall shape is squared.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Facial lines on K are more pronounced at the point of jawline to chin transition, Unk appears to have a small cleft in chin creating a flatter chin.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The chin appears to be more squared on the unknown than the known. The jawline appears to have a generally similar angle. The known may have jowling occurred that isn't visible on the unknown
QFUJLW	Dissimilar	Chin is not similar in shape.
QKRZZB	Dissimilar	The probe appears to have flatter chin shape while the candidate has more of a rounded chin shape.
QT8L8U	Dissimilar	The known's chin is more round and does not have a cleft chin like the unknown. The unknown's chin is more square. The jawline does appear similar

Image Set Q5: Table 4.5(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Jawline in the known appears to be longer, chin shape is more round in the known and has more creases, mentolabial sulcus is more round in the unknown, the known has marks and creases throughout the chin that are not visible in the unknown
RJB49C	Similar	Jawline and chin similar in shape, with only minor inconsistency in creases due to age difference.
RTFBMC	Similar	
T9A37R	Dissimilar	Know has rounded, but less defined jawline than unknown.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	general shape and angle of the jawline appears to be similar - cleft chin appears to be seen on candidate, not on probe - buccal creases on the probe appear to be relatively longer
UGXDTR	Dissimilar	the unknown has a more defined/prominent jawline; the known has various facial creases around the jawline and where it meets the chin that aren't present on the unknown (could be due to apparent age difference); the known appears to have a more rounded chin compared to a more squared off appearing chin in the unknown; the gonial angle shape appears similar
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Dissimilar	Chin appears larger and more rounded in K; appears more defined cleft in U; jawline appears slightly more narrow in U, however similar in shape/definition
Z9L8L3	Similar	Chin and jawline appear similar in shape and size.
ZCKK6L	Dissimilar	curved shape of the jawline and undefined shape of the gonial angle is similar; chin width and rounded shape is similar, however the known's is taller, slanted to the left, flatter, and less prominent, whereas the unknown's protrudes to a greater degree, has a curved contour, has a subtle mentolabial sulcus visible, and has a depression in the center; the known has several circumoral striae visible on either side of the chin, that the unknown doesn't present

Features Observations Response Summary - Q5 Chin/Jawline		Total Participants: 60
	Response	Percent Reported
	Similar	23 (38.3%)
	Dissimilar	32 (53.3%)
	Inconclusive	5 (8.3%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q5: Table 4.5(m) - Neck

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Creases on the neck are found in different locations.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The size of the neck and the wrinkles on the neck are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Neck width appears similar. Known neck has more loose skin, this could be due to age.
8BND4V	Dissimilar	neck appears to have more prominent wrinkles for Known(1) than Unknown(2); curve of lower prominent neck wrinkle of Known(1) has a peak shape toward center of neck not present for Unknown(2)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	neck thickness appears similar, neck line positions and curvatures are different, known has a W shaped crease right below middle of larynx that is not visible on unknown
9WM27B	Dissimilar	neck of known is wider and shorter than that of unknown. There are marks/moles on the neck of the known that are not visible on the unknown. Neck lines and neck waddle of known are not visible on unknown.
A4GTRA	[Not Reported]	Similarities: Overall neck: width, height Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Overall neck: details Not comparable: (not visible in one or both images) Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar lines in neck
BGVZPT	Inconclusive	There is some aging in the known that makes it difficult to compare
BVKBTR	Similar	similar but aged on known, similar height and shape.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q5: Table 4.5(m) - Neck

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Neck on unknown appears longer. Marks on left side of known's neck
E2YXFT	Dissimilar	Longer on unknown image
E7JQ38	Dissimilar	Dissimilar neck musculature and soft tissue fullness.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Similar	Similar length and width.
FG99H7	Inconclusive	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown neck seems wider than the known's
HVURP4	Dissimilar	The creases on the neck and the moles/markings on the neck are not in the same locations.
J4778Z	Dissimilar	
JEFCV2	Similar	similar mark on far low side and upper other side
KCVE8G	Inconclusive	KNOWN: There is the appearance of loose, sagging skin around the neck, a few faint vertical fine lines, and a horizontal line around the neck that extends from one side to the other with a slight indentation in the center. UNKNOWN: Similar in length and width to known image. Lines across neck are not consistent with lines across the neck of the known image.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Facial marks and neck lines do not appear to be consistent in Unk and K.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The neck appears to be firmer and less wrinkled on the unknown. The thickness of the neck appears to be thinner on the known however there is more sagging.
QFUJLW	Inconclusive	Similar in width. Neck wrinkles are not similar
QKRZZB	Dissimilar	Visible marks on the necks of the probe and candidate but they do not line up with one another.
QT8L8U	Dissimilar	The horizontal lines on the chin are different between known and unknown. The known's neck is more aged and has a wattle

Image Set Q5: Table 4.5(m) - Neck

WebCode	Observation	Feature Notes
QY9X6C	[Not Reported]	Unknown neck appears to be longer and wider, the known has more creases and are deeper, the creases in the neck are not in the same location/size/shape, known and unknown both have marks on the neck but are not in the same location
RJB49C	Similar	Neck is similar in length and width in both photos. Creases differ due to age difference.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has aged/loose neck skin while unknown has younger, tighter neck skin.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	necks appear to be similar in relative thickness - creases and facial marks do not appear to line up between subjects
UGXDTR	Dissimilar	overall neck width appears similar; appears to be a slight difference in neck creases in location/prominence/shape; there appears to be a difference in facial marks in presence and location between the two subjects
VGDWFB	Dissimilar	Double chin , wrinkles
WK96YB	Inconclusive	
X2TF24	Dissimilar	Neck appears longer in U, similar in width; neck creases present on both in dissimilar location/prominence; facial marks on neck of both however dissimilar in location
Z9L8L3	Dissimilar	Neck appears similar in length and width. Lines observed in known that are not in unknown (due to age).
ZCKK6L	Dissimilar	width and length are similar, however musculature is dissimilar as known's is loose and thicker, whereas the unknown's is taut; known has a prominent and distinct neck crease/fold that possesses a "w" shape in the center, whereas the unknown's is faint and follows neck curvature; unknown has two facial marks, one much larger than the other, along the right collar bone, whereas the known has several spread throughout

Features Observations Response Summary - Q5 Neck		Total Participants: 60
Response	Percent Reported	
Similar	11 (18.3%)	
Dissimilar	32 (53.3%)	
Inconclusive	14 (23.3%)	
Unable to Compare	2 (3.3%)	
Not Applicable	1 (1.7%)	

Image Set Q5: Table 4.5(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images) Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Not Applicable	No facial hair observed.

Image Set Q5: Table 4.5(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	None noted
FG99H7	Not Applicable	
GM7H34	Similar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q5: Table 4.5(n) - Facial Hair

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed in either individual
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q5 Facial Hair		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	3 (4.9%)
	Dissimilar	0 (0.0%)
	Inconclusive	2 (3.3%)
	Unable to Compare	2 (3.3%)
	Not Applicable	54 (88.5%)

Image Set Q5: Table 4.5(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Prominence of the nasolabial folds are similar. Frontal lines are more prominent on the known, possibly due to the difference in image capture. Arrangement of the frontal lines are dissimilar. Known has crows feet, not found on the unknown. Inferior palpebral crease are dissimilar. Creases on the left and right sides of the chin are dissimilar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	There is more noticeable wrinkles and creases on the forehead and around the mouth in one of the individuals.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Lines going from nostrils to corners of mouth appear to be in same locations and same overall shape, especially how they move around the corners of the mouth. There are more facial lines on the known, due to age difference.
8BND4V	Dissimilar	more creases/folds/wrinkles present on face of Known(1) than Unknown(2), age difference; difference in distribution/distance relative to one another of visible frontal lines; nasolabial folds appear to follow similar general shape to curve, Unknown(2) appears to have slightly sharper angle to curve on lower end toward mouth particularly of left nasolabial fold; difference in shape/distribution of visible neck wrinkles
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	nasolabial lines begin at similar positions by nose, but the curvatures coming down
9WM27B	Dissimilar	Frontal lines are dissimilar, the crows feet and facial lines surrounding the eyes of known are not visible in that of unknown. wrinkles around the chin of the known are not visible in the image of the known.
A4GTRA	[Not Reported]	Similarities: Infraorbital crease Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Frontal lines; Vertical glabellar; Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Mentolabial sulcus; Nasolabial crease; Marionette lines; Wrinkles on neck Not comparable: (not visible in one or both images) Nasion crease; Lateral nasal lines; Bifid nose crease; Circumoral striae; Cleft chin; Buccal creases; Other creases
A8F4MA	Dissimilar	Frontal lines (forehead wrinkles), Left superior palpebral crease, Left inferior palpebral crease, Right and left infraorbital creases, Right and left nasolabial crease/folds
A9BMPB	Inconclusive	Nasolabials visible on both, but presumably different distances in and between lines.
AE2ZQY	Similar	facial lines similar from nose to mouth
AQVDNB	Similar	
BF6CMR	Similar	marionette lines are same depth, length, shape

Image Set Q5: Table 4.5(o) - Facial Lines

WebCode	Observation	Feature Notes
BGZVPT	Similar	Nasolabial folds are similar; Marionette lines are similar
BVKBTR	Similar	very similar lines that follow nose.similar lines on side of chin, more wrinkles on known
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Similar	
D3D3DQ	Dissimilar	More facial lines in known - there is an obvious age difference. The lines on the unknown's face do not appear to be in the same location as on the known.
E2YXFT	Dissimilar	Horizontal lines on the forehead, naso labial creases and lines on the neck are different
E7JQ38	Dissimilar	Dissimilar forehead crease, glabellar line, superior and inferior palpebral crease, crow's feet, lower circumoral striae, neck crease shape, size, number and placement
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	dissimilar transverse frontal lines, vertical glabellar lines, and neck creases. Nasolabial creases are somewhat similar in shape. Marionette lines present. Inferior palpebral creases don't look quite the same, but they aren't overly different either. More drooping and lines are under the eyes in the Known.
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Dissimilar	Known has a small cleft chin crease. Known has a lot more facial creases possibly due to age. Known has creases at the corner of the mouth that meet the nasolabial folds.
HVURP4	Dissimilar	Noted above.
J4778Z	Similar	nasolabial folds appear similar
JEFCV2	Similar	more in known image due to age
KCVE8G	Dissimilar	previously noted
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q5: Table 4.5(o) - Facial Lines

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The nasolabial lines appear to be longer on the known however the depth appears to be similar. The subjects both have frontal lines but they appear to be in a different amount and arrangement. The known appears to have two vertical glabellar creases whereas the unknown has one. The infraorbital lines appear to have a different contour. The known appears to have more periorbital creases however this could be due aging.
QFUJLW	Inconclusive	Nasolabial folds are similar in shape but not length. Inferior palpebral crease similar in location but not shape. Superior palpebral crease similar in shape/contour.
QKRZZB	Dissimilar	Frontal lines on the forehead of the probe and candidate do not line up with each other. The nasolabial folds are present on both the probe and candidate but they are not similar in location and depth. The inferior palpebral creases on the probe and candidate do not line up with each other.
QT8L8U	Dissimilar	The facial lines on the forehead are not in the same placement and do not have the same shape. The glabellar lines are dissimilar are the known has two defined lines and the unknown only has one. The nasal labial folds do start in a similar spot and do run a similar line. The known has lower circumoral striae that is not visible in the unknown.
QY9X6C	Not Applicable	
RJB49C	Similar	Nasal folds are consistent in both known and unknown candidates.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known frontal lines have a dip in the middle of forehead while the unknown has arched.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	mentioned in the forehead, eyes, nose, mouth and neck sections of this comparison
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Dissimilar	Frontal lines (horizontal), infraorbital creases, lower circumoral striae
WK96YB	Similar	
X2TF24	Dissimilar	Nasolabial folds appear longer on K; marionette lines present on both, more defined and dissimilar angle on K; vertical glabellar line present on U, dissimilar location and two visible in K; others aforementioned
Z9L8L3	Dissimilar	Vertical creases between the eyes is observed in both, but are in different locations. Unknown has one more in the middle and the known has two, closer to the eyebrows.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q5 Facial Lines		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	20 (32.8%)	
Dissimilar	33 (54.1%)	
Inconclusive	4 (6.6%)	
Unable to Compare	2 (3.3%)	
Not Applicable	2 (3.3%)	

Image Set Q5: Table 4.5(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	[No observations reported for this feature.]	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images)
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	[No observations reported for this feature.]	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q5: Table 4.5(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	None noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	[No observations reported for this feature.]	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	[No observations reported for this feature.]	
KCVE8G	Dissimilar	previously noted
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Dissimilar	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	nothing additional to those annotated above

Image Set Q5: Table 4.5(p) - Scars

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	May be some scarring present around chin of K, may be wrinkles
Z9L8L3	Not Applicable	No obvious scarring noted
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q5 Scars			Total Participants: 56
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	2 (3.6%)	
	Dissimilar	3 (5.4%)	
	Inconclusive	2 (3.6%)	
	Unable to Compare	1 (1.8%)	
	Not Applicable	48 (85.7%)	

Image Set Q5: Table 4.5(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Facial mark at the start of the unknowns left brow, not found on the known. Marks on the cheeks of the unknown, not found on the known. Marks on the neck are dissimilar, not found in similar locations.
3UFTE6	Not Applicable	
44J8XH	Inconclusive	
474EX6	Dissimilar	One of the individuals has acne like spots on the forehead.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown appears to have freckles on face (cheeks and forehead). Known does not have any freckles. Unknown has a small bump on brow line between eyebrows. This could be a "pimple" and not permanent. Known does not have this bump. Known has facial marks on the neck and near the left eye that do not appear on unknown. This difference could be due to known being older.
8BND4V	Dissimilar	raised circular facial mark between eyebrows closer toward left eyebrow of Unknown(2) not present for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	unknown has marks on upper cheeks not visible on known, known has marks on neck not seen on unknown in similar positions
9WM27B	Dissimilar	There is a facial mark near the left inner eyebrow of the unknown that is not visible on the image of the known.
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) A number of small potential facial marks observed in both images, differing in placement
A8F4MA	Dissimilar	Skin marks in medium canthal left brow, and skin mark in left side of the neck
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	more freckles in the unknown picture
AQVDNB	Dissimilar	
BF6CMR	Similar	both have marks on their right and left cheeks that match
BGVPT	Not Applicable	None noticed
BVKBTR	Inconclusive	possible mole bump on unknown similar on known next to eyebrow, not certain. possible similar freckles, marks on known possibly very faint on unknown due to age - the one on neck.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q5: Table 4.5(q) - Facial Marks

WebCode	Observation	Feature Notes
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	There is a facial mark between the eyebrows of the unknown that is not observed in the known.
E2YXFT	Dissimilar	A mole between the eyes and freckles on unknown image
E7JQ38	Dissimilar	Unknown: White tone skin variation (bump) by the left eyebrow medial corner. Constellation of darker tone skin marks visible on the upper left cheek and lower right half of neck near the collar bone not visible in the Known. Known: Darker tone skin marks visible by the left eyebrow lateral corner, on the lower middle and the far left area of the neck not visible in the Unknown.
E9D7GU	Dissimilar	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Dissimilar occurrence of marks. Known has marks on neck, Unknown has marks on cheeks and on neck. Unknown also has a larger mark medially to left eyebrow.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a facial mark above the medial corner of the left eye. Unknown has more freckles
HVURP4	Dissimilar	Noted above.
J4778Z	Dissimilar	Mark between the eyes by an eye brow on the black and white photo not seen on the other.
JEFCV2	Similar	some marks are similar, some not present in both images
KCVE8G	Not Applicable	previously noted
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	There appears to be facial marks on both subjects however there are in different amounts and locations.
QFUJLW	Dissimilar	None are similar in location/shape/color.
QKRZZB	Dissimilar	Facial marks on the face of the probe do not appear on the face of the candidate.
QT8L8U	Dissimilar	The known has marks on the cheeks and forehead. There is also a mark near the inner corner of the left eyebrow

Image Set Q5: Table 4.5(q) - Facial Marks

WebCode	Observation	Feature Notes
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown has freckled marks.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZZ	Not Applicable	
U8BE68	Dissimilar	facial marks can be seen throughout both subjects, but do not line up
UGXDTR	Dissimilar	there is a small, distinct facial mark present to the left of the left eyebrow in the known that does not appear in the unknown; the unknown appears to have many facial marks on the forehead that aren't visible on the known
VGDWFB	Dissimilar	Acone (vertical glabellar lines)
WK96YB	Not Applicable	
X2TF24	Dissimilar	Facial mark inside left eyebrow, not visible on K; other facial marks present on both, however dissimilar in location/sizes/shapes
Z9L8L3	Dissimilar	Facial marks observed in both, but are in different locations on the face and neck area. Forehead creases are dissimilar.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q5 Facial Marks		Total Participants: 60
Response	Percent Reported	
Similar	3 (5.0%)	
Dissimilar	45 (75.0%)	
Inconclusive	2 (3.3%)	
Unable to Compare	0 (0.0%)	
Not Applicable	10 (16.7%)	

Image Set Q5: Table 4.5(r) - Alterations

WebCode	Observation	Feature Notes
2EKB7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Age, glasses, pose
2XLVQ2	Inconclusive	Known is wearing glasses. Unknown's image is in grayscale.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Similar	Both have ears pierced. Both have a similar black cord around the neck
8BND4V	Dissimilar	Known(1) is wearing glasses; Known(1) appears to be wearing stud pearl earrings while Unknown(2) is wearing hoop earrings
8FHAQ2	Dissimilar	similar in terms of black stripes leaning downwards from neck
8T7EYX	Dissimilar	the age- eye glasses- pose
9NAAFD	Dissimilar	known has glasses on and unknown image is in black and white
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Ear rings observed in both images, placement dissimilar; Eye and lip make up observed in R, not observed in Q
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	Known wears glasses.
BVKBTR	Similar	pierced ears, know seems to be wearing lip color.
BYKLNK	[No observations reported for this feature.]	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Similar	Both have ears pierced. Known is wearing makeup.
E2YXFT	Dissimilar	Pierced ears on both images, but makeup and glasses only on known image
E7JQ38	Not Applicable	Alterations not observed.

Image Set Q5: Table 4.5(r) - Alterations

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Not Applicable	
EYNFWN	[Not Reported]	Known is wearing glasses and makeup
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	known wearing glasses, both wearing earrings
KCVE8G	Not Applicable	both images are wearing earrings, known image is also wearing glasses.
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	K appears to have some makeup on and has glasses on.
MMPAFW	Similar	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	White and black / age
PT369V	Dissimilar	facial expression
QCV8PW	Inconclusive	Earrings on both and glasses on the known
QFUJLW	Dissimilar	Known has glasses
QKRZZB	Not Applicable	
QT8L8U	Similar	Both have their ears pierced
QY9X6C	Dissimilar	Known has glasses on and appears to be wearing makeup
RJB49C	Not Applicable	
RTFBMC	Similar	pierced ears
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	corrective lenses seen on the candidate

Image Set Q5: Table 4.5(r) - Alterations

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	known is wearing glasses
VGDWFB	Dissimilar	Makeup (eyes)
WK96YB	Not Applicable	
X2TF24	Dissimilar	Heavier eye makeup appears on lower lash line of K and appears K may have makeup on lips; piercing mentioned in ears section
Z9L8L3	Not Applicable	
ZCKK6L	Inconclusive	known is wearing glasses and both have earlobes pierced

Features Observations Response Summary - Q5 Alterations		Total Participants: 57
	<u>Response</u>	<u>Percent Reported</u>
	Similar	7 (12.3%)
	Dissimilar	16 (28.1%)
	Inconclusive	4 (7.0%)
	Unable to Compare	1 (1.8%)
	Not Applicable	29 (50.9%)

Image Set Q5: Table 4.5(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, resolution and a number of other imaging conditions.
BGZVPT	Age	Dissimilar	Known is much older.
E7JQ38	Limitations	NotApplicable	Lighting, ageing, expression, pose, occlusion (hair, glasses and earrings). Adjustments Black and White applied to colored Known image to reflect the Unknown image.
EYNFWN	Image quality		Known is a color image, Unknown is grayscale. Image quality good in both with front-facing subjects with similar pitch.
JEFCV2	quality	Dissimilar	unknown image in grayscale while known in color
PT369V	glasses	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Known image is in color, unknown is in black and white, both frontal images of good quality, known image is closer to camera, known image is smirking and the unknown image is more neutral expression, known appears to be older

Detailed Feature Observations

TABLE 4 - Image Set Q6

Image Set Q6: Table 4.6(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin appears to be similar. Skin is fairly smooth on both subjects.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The skin tone is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both are fair skinned white females
8BND4V	Similar	similar skin tone and texture
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	Both have similar tone, texture and luminance to their skin.
9WM27B	Similar	Skin texture and tone/shininess is similar. Specific texture of forehead (bumpy) appears similar in placement, shape, size.
A4GTRA	[Not Reported]	Similarities: Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Similar	Lighting is a bit different.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	pale color, smooth
BGVPT	Similar	Similar texture and color
BVKBTR	Similar	similar sheen
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color and tone is similar.
E2YXFT	Similar	Similar texture and tone

Image Set Q6: Table 4.6(a) - Skin

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar skin tone and texture.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar tone and texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Texture is similar. Overall tone is similar. Both have highlighting from the overhead lights in the same places
HVURP4	Similar	The skin appears to be of the same texture and slightly different tone due to the difference in lighting.
J4778Z	Similar	Similar in color and texture
JEFCV2	Similar	consistent coloring, lighting
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent light colored skin with pinkish tone. It is equally free from marks, blemishes, lines and scars aside from what appears to be a short, horizontal line or crease above the right eye, close the hairline. The complexion is smooth Both subjects appear to be the same age/no age difference.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have light skin with several facial markings that are in common.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to both present with a light/fair skin tone with variations in hue/tan which could be due to exposure or imaging factors. The texture appears to be similar.
QFUJLW	Similar	Similar in light color
QKRZZB	Similar	Skin tones appear to be similar between the probe and candidate
QT8L8U	Similar	Skin texture and coloring appear similar
QY9X6C	Similar	Tone is slightly darker in the unknown but that's due to lighting, texture is similar
RJB49C	Similar	Skin in very consistent, including minor marks.
RTFBMC	Similar	
T9A37R	Similar	

Image Set Q6: Table 4.6(a) - Skin

WebCode	Observation	Feature Notes
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	skin tone and texture appear to be similar between subjects
UGXDTR	Similar	similar skin tone and luminance; similar skin texture
VGDWFB	Similar	Luminance and color
WK96YB	Similar	
X2TF24	Similar	Skin appears similar in texture and overall tone
Z9L8L3	Similar	Both are light skinned, caucasian females
ZCKK6L	Similar	uneven texture, fair complexion, and blemish/acne distribution throughout is similar; highlighting (specifically the two spots on the left side of the forehead) and shadowing on the contours of the face are similar, indicating that the underlying musculature and bone structure is similar; unknown has more shadowing present

Features Observations Response Summary - Q6 Skin			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	61 (98.4%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	0 (0.0%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	1 (1.6%)	

Image Set Q6: Table 4.6(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Head is rounded on both subjects.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The facial shape is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Head shape is similar on both subjects
8BND4V	Similar	similar round shape to face/head outline
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Similar	both have similar head shapes
9WM27B	Similar	overall head and generally round face shape is similar.
A4GTRA	[Not Reported]	Similarities: Overall shape of the face Not comparable: (not visible in one or both images); Shape of the cranial vault
A8F4MA	Similar	overall shape of face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	both are round
BGZVPT	Similar	Both are rounded in shape
BVKBTR	Similar	similar rounded face
BYKLNK	Similar	
CBAKDA	Similar	
D2JEV	Similar	
D3D3DQ	Similar	Face outline is similar
E2YXFT	Similar	Similar head shape
E7JQ38	Similar	Similar overall shape of face.
E9D7GU	Similar	

Image Set Q6: Table 4.6(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9YHHN	Similar	
EYNFWN	Similar	similar size and shape
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Both have an oval face with the similar cranial vault
HVURP4	Similar	The face and head outline is similar in shape and size.
J4778Z	Similar	
JEFCV2	Similar	similar curvature throughout
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent contour, consistent placement of features. Features are consistent in size, weight and symmetry.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have rounded faces.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The face/head outline appears to be similar with a generally oval shape with a wider cheekbone area on both subjects.
QFUJLW	Similar	Face is similar in round shape.
QKRZZB	Similar	The face outline of the probe and candidate appears to be consistent between each other.
QT8L8U	Similar	Head obstructed by hair. Facial shape appears similar
QY9X6C	Similar	Overall head shape/size is similar, width of face is similar, height of face is similar, both have a similar oval shape face
RJB49C	Similar	Both have an oval shape.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	

Image Set Q6: Table 4.6(b) - Face/Head Outline

WebCode	Observation	Feature Notes
U8BE68	Similar	general outline of the face appears to be similar from cranial vault to jawline
UGXDTR	Similar	similar round/oval face shape; similar cranial vault shape
VGDWFB	Similar	Overall shape of face
WK96YB	Similar	
X2TF24	Similar	Overall shape of face appears similar; unsure of shape of cranial vault due to hair on U style
Z9L8L3	Similar	No obvious dissimilarities noted. Head is similar in shape and size in both
ZCKK6L	Similar	size and the egg-like shape of the face is consistent, with the face narrowing as the chin is approached

Features Observations Response Summary - Q6 Face/Head Outline			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	57 (93.4%)	
	Dissimilar	2 (3.3%)	
	Inconclusive	0 (0.0%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	1 (1.6%)	

Image Set Q6: Table 4.6(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Distance between the eyes is similar. Nose to mouth distance appears to be similar, difference in expressions.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The overall distance of eye, nose, and mouth relative to each other is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features are spaced evenly between the two subjects. Unknown nose appears slightly closer to the mouth but this is due to expression change and angle/ tilt
8BND4V	Similar	distance from nasal tip to upper lip similar; similar intercanthal distance; position of end of ear relative to nasal tip appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	features are in similar positions relative to the other features of the face in both know and unknown
9WM27B	Similar	facial composition is similar; spacing between placement of facial features is similar.
A4GTRA	[Not Reported]	Similarities: Approximate width of nose relative to eye distances; Approximate distance from chin to lower lip relative to face length; Ear position relative to the nose; Eye position relative to face length Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution); Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	close-set eyes, similar distance in mouth to nose and eyes
BGVPT	Similar	In proportion
BVKBTR	Similar	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q6: Table 4.6(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Composition is similar.
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Similar	Similar nose width relative to the eyes.
E9D7GU	Similar	
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Similar	similar feature placement and spacing
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	The spatial relationship between all of the features is similar.
HVURP4	Similar	The face and head composition appear to have the features located in the same consistent location.
J4778Z	Similar	
JEFCV2	Similar	
KCVE8G	Similar	KNOWN AND UNKNOWN consistent placement of features.
KRVVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	Both have smaller features set closer to the center of the face.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The features of the face appear to have a similar composition with the nasal tip being closer to the mouth than the eyes on both subjects.
QFUJLW	Similar	Eyes are placed on the face in a similar location in relation to the hairline. Eyebrows are in a similar location between the eyes and hairline. Nose is placed in a similar location between eyes and mouth. Inter-canthal distance is similar.
QKRZZB	Similar	The features of the face appear to be of similar distance from one another.
QT8L8U	Similar	Head obstructed by hair. Facial composition appears similar in the placement of the features
QY9X6C	Similar	Distance between eyes is similar, distance from eyes to mouth is similar, distance from nose to mouth is similar, distance from mouth to chin appears longer in the unknown due to expression
RJB49C	Similar	No noticeable asymmetry. Similar age and weight.

Image Set Q6: Table 4.6(c) - Face/Head Composition

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	relative shape and size of facial features appear to be similar between subject
UGXDTR	Similar	similar relative location and proportion of facial features to one another between two images; similar facial symmetry
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Similar	Features on face appear similar in relationship to each other in relationship to length of face
Z9L8L3	Similar	No obvious dissimilarities noted.
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features are consistent with respect to each other and their location on the face; all the features are similarly positioned evenly throughout the face

Features Observations Response Summary - Q6 Face/Head Composition		Total Participants: 59
Response	Percent Reported	
Similar	56 (94.9%)	
Dissimilar	1 (1.7%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.4%)	

Image Set Q6: Table 4.6(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the hair is similar. Texture of the hair is similar. Hairline has a similar curvature. Unknowns hair is pulled back.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The hair color and curl are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have dark blonde hair. Unknown hair is pulled back in a bun. Known hair is parted in the middle, top pulled back, and long in length (past shoulders). Short fine wisp hair around forehead is isimilar between subjects, on both sides of the forehead.
8BND4V	[Not Reported]	Known(1) has hair down while Unknown(2) has hair pulled up and back; appears to have similar hair texture; both appear to have similar hair colors, Unknown(2) appears to have slightly darker hair which can be due to difference in sun exposure/lighting/hair dyes; visible hairline appears to follow similar curve, hair is pulled back for Unknown(2) and left down for Known(1)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar texture and tone, known has a part in the middle and hair down and unknown has hair up in bun or pony tail, growth patterns are similar toward lateral ends of frontal hairlines
9WM27B	Similar	hair color and texture is similar; frontal/side hairlines are similar. Baby hair growth and placement around hairline is similar.
A4GTRA	[Not Reported]	Similarities: Hair: shape/spatial distribution, texture, symmetry, density; Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Hair: tonality Not comparable: (not visible in one or both images) Cranial baldness pattern: shape, distribution
A8F4MA	Similar	Forehead hairline, Hairline right side Hairline left side
A9BMPB	Inconclusive	Similar: Slightly curly. Temporal peaks. Dissimilar: grooming
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	curly, frizzy for both. similar color
BGZVPT	Similar	Same texture and color. Unknown has hair pulled back in a bun
BVKBTR	Similar	similar hair line, color different maybe lighting or dyed differences.
BYKLNK	Similar	

Image Set Q6: Table 4.6(d) - Hair

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Hair color and texture is similar.
E2YXFT	Similar	Similar texture
E7JQ38	Similar	Similar hair tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar texture and waves. Similar color (Known hair appears lighter, but I suspect that is due to a difference in lighting). Similar hairline
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hair is similar is texture and color. Both have similar hairlines. both have hair that is more frizzy with hair sticking out.
HVURP4	Similar	Hair coloring and texture appears the same... the pattern of growth along the forehead appears consistent.
J4778Z	Similar	Similar hairline with some wispy hairs
JEFCV2	Similar	varying style, but similar texture and color
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent high curvature of the hairline. The hair of both is equal in light to medium color. There is short, light, wispy hairs that curl around the sides of the hairline in both known and unknown images. Both have the hair on the sides of the head pulled back.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have dark blonde/light brown hair with similar length fly-aways around the hairline. Unk has hair pulled back, K has hair parted down the middle with half up/half down.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The hairline appears to be similar with a rounded temple peak on the left, an angled top left portion, and a flatter right side. The widows peak appears more prominent on the unknown but that could be due to hairstyle or grooming
QFUJLW	Similar	Hair is similar in color/texture. The Probe's appears slightly lighter. Length can not be compared since Candidate's hair is pulled up in a bun.
QKRZZB	Similar	The hair color and texture appears to be similar between the probe and candidate. The hairline of probe is similar to the hairline of the candidate.

Image Set Q6: Table 4.6(d) - Hair

WebCode	Observation	Feature Notes
QT8L8U	Similar	Hairline and texture appears similar. Coloring/Hue appears dissimilar possibly due to lighting.
QY9X6C	Similar	Hair is half up and half down in the known, unknown hair is pulled back, hairline on the sides is similar, color appears darker in the unknown due to lighting
RJB49C	Similar	Different hairstyle. Hair is same color and appears to have the same consistency in texture and thickness. Hairline is consistent in both photos.
RTFBMC	Similar	styled differently
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	hair appears to be similar in color and texture - hair line along the forehead appears to be similar
UGXDTR	Similar	similar hairline shape; known does have hair parted down middle where unknown has hair pulled back (difference could be due to different hair styling); hair color appears similar with both having light brown hair; hair texture appears similar with both having semi curly/straight hair
VGDWFB	Similar	Shape/spatial distribution ,color , symmetry forehead hairline
WK96YB	Similar	
X2TF24	Similar	Hair appears similar in texture and hair details on left and right side; hairline appears similar in shape, widow's peak and temple peaks; hair appears slightly lighter on K, may be due to lighting; style appears dissimilar
Z9L8L3	Similar	Hair is similar in color, growth and texture. Both appear frizzy
ZCKK6L	Similar	styling is dissimilar, so length can't be compared; hairline shape is similar along the sides and forehead is similar; growth distribution and pattern is consistent, specifically the manner in which the baby hairs lay along the corners of the forehead; thickness and brown color appears to be similar; the unknown's hair appears to be slightly darker but this could be due to the manner in which it is pulled up

Features Observations Response Summary - Q6 Hair		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	56 (91.8%)
	Dissimilar	1 (1.6%)
	Inconclusive	2 (3.3%)
	Unable to Compare	0 (0.0%)
	Not Applicable	2 (3.3%)

Image Set Q6: Table 4.6(e) - Forehead

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Similar level of protrusion. Shape of the forehead is similar. Luminance of the forehead is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The length, width, and shape of the forehead is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Forehead shape/ size is similar. Lighting highlights appear in same places on both subjects - top of forehead and on brow line.
8BND4V	Similar	similar relative width/height of forehead; similar brow ridge
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar contouring above brow ridge, similar divets and faint frontal lines in similar positions and of similar shapes
9WM27B	Similar	height and width of forehead is similar.
A4GTRA	[Not Reported]	Similarities: Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Similar	Forehead shape,
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	deep forehead, smooth
BGZVPT	Similar	Similar in size and shape with no noticeable marks, lines, or scars
BVKBTR	Similar	similar shape
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Forehead size and shape is similar.
E2YXFT	Similar	Smilar hairline, shape, size and brow ridges
E7JQ38	Similar	Similar forehead height and width and side hairline shape.

Image Set Q6: Table 4.6(e) - Forehead

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Similar size, shape, and contour. Faint prominence in brow ridge where the eyebrows are, prominence does not span forehead.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Forehead is similar in size. Brow ridges are similar.
HVURP4	Similar	The forehead appears consistent in width and length. The brow ridge appears consistent. There is a slightly/light scar in the center of the forehead that is also consistent.
J4778Z	Similar	Similar shape and size
JEFCV2	Similar	creases similar in location, relationship, depth, baby hairs located in same location
KCVE8G	Similar	KNOWN AND UNKNOWN's foreheads are consistent in width, shape/contour, and height. There is a faint, short, horizontal line 3/4 the length of the forehead above the right eyebrow that is consistent between both images. The light reflects off of similar locations on the forehead (two spots close to the hairline and at the high point of the arch of each brow) in a manner that suggests the forehead is slightly damp, wet and or sweaty in each known and unknown image.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have a similar shaped forehead with a facial marking near the center of the forehead, slight discoloration round with a linear mark moving downward and L from the round mark.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The forehead appears to have a similar shape. The middle of the forehead appears to be indented on both subjects especially on the left. The forehead is generally unremarkable other than those features.
QFUJLW	Similar	Forehead is similar in width/length. Luminence on the forehead is similar in shape/pattern. Frontal lines are similar in quantity/location/shape.
QKRZZB	Similar	The shape and contour of the forehead appears to be similar between the probe and candidate.
QT8L8U	Similar	Width and height of the forehead appears similar.
QY9X6C	Similar	Height of forehead is similar, width is similar, mark in the center of forehead is similar in size/shape, scar on upper right side of forehead is similar in shape/size/location, brow ridge is similar
RJB49C	Similar	Forehead shows no particular difference. Same shape and distance from hairline to eyebrows.

Image Set Q6: Table 4.6(e) - Forehead

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	forehead appears to be similar in shape and relative size - some facial marks can be seen in the central region of the forehead which appear to be consistent between subjects
UGXDTR	Similar	similar forehead height; similar facial marks present on the upper left forehead; similar brow ridge prominence; similar lack of frontal lines; similar vertical light crease or facial mark in location, size and prominence on the lower forehead
VGDWFB	Similar	Relative height, Relative width, Brow ridges
WK96YB	Similar	
X2TF24	Similar	Forehead appears similar in relative height/width/slope/frontal eminence; brow ridges appear similar in prominence from what is visible around glasses in U
Z9L8L3	Similar	Forehead is similar in shape and size. There are a few facial marks that are observed in the same location in both.
ZCKK6L	Similar	rounded contour and smooth musculature is similar; rectangular-like shape and size of the forehead is similar; the rounded shape and prominence of the brow ridge and the frontal eminences is similar

Features Observations Response Summary - Q6 Forehead		Total Participants: 62
Response	Percent Reported	
Similar	62 (100.0%)	
Dissimilar	0 (0.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q6: Table 4.6(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Growth pattern is consistent, gets lighter towards the tail on the right eyebrow. Thickness of the brows are similar. Eyebrows have a similar arch. Distance from the eyes is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The eyebrow shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Eyebrows are both light brown, similar texture, shape. Right eye brow starts thicker in the center and gets thinner on both subjects.
8BND4V	Similar	similar visible shape/upper curve of left/right eyebrows; similar thickness of hair of right eyebrow toward lateral end
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar starting positions at medial ends, similar curvatures and thicknesses, similar growth patterns toward lateral ends of both eyebrows
9WM27B	Similar	growth, grooming, color, distribution, shape, size, texture is similar. Vertical end position of medial eyebrow relative to medial canthus (L and R) are similar.
A4GTRA	[Not Reported]	Similarities: Shape - visible portions – Asymmetry; Size - visible portions; Position - visible portions; Density of hair - visible portions; Hair details - visible portions Not comparable: (not visible in one or both images) Conjoined
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Unable To Compare	Partly covered by glasses.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar width, length, distance from each other
BGZVPT	Similar	Although the Unknown has large glasses you can tell they are similar in size and shape
BVKBTR	Similar	similar shape and position
BYKLNK	Similar	
CBAKDA	Similar	
D2JEWV	Similar	
D3D3DQ	Similar	Eyebrows thickness and shape are similar, but unknown's is partially covered by glasses.

Image Set Q6: Table 4.6(f) - Eyebrows

WebCode	Observation	Feature Notes
E2YXFT	Similar	Texture and shape seem similar
E7JQ38	Similar	Similar eyebrow shape, size, tone, distribution and eyebrow peak asymmetry.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Unknown brows partially covered by glasses
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Right eye brow in both images has less hair towards the outside of the face. Both eyebrows are similar in size and shape between both images
HVURP4	Similar	Eye brows are similar in shape and hair growth pattern.
J4778Z	Similar	
JEFCV2	Similar	similar coloring and thickness. Similar thinning towards lateral sides
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent light to medium colored eyebrows with consistent growth pattern. Even though the brows of the unknown image are partially covered by dark glasses, it is still clear that the brow ridge is consistent in shape and protrusion and the eyebrows are consistently short in length, shape, contour and grooming. At the lateral end of the right eyebrow there appears to be a small area that is either lighter in color or the hair is sparse
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have similar shaped brows that appear unaltered. Slight gap in hair growth or pattern in R brows in both.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The right eyebrow appears to have a darker medial portion on both subjects that extends about halfway through. The lateral end of the brow appears to end just after the lateral canthus. The left brow appears to have a thicker vertical medial portion. The lateral portion of the brow appears to be more angled on both subjects.
QFUJLW	Similar	Eyebrows are similar in size/shape/color/contour/thickness.
QKRZZB	Similar	The growth pattern of the eyebrows appears to be similar between the probe and candidate. As well as the thickness of the eyebrows appear to be similar.
QT8L8U	Similar	Density, grooming, and growth pattern appears similar.

Image Set Q6: Table 4.6(f) - Eyebrows

WebCode	Observation	Feature Notes
QY9X6C	Similar	Distance apart is similar, some of the eyebrows are covered in the unknown due to glasses, shape is similar, gap in the right eyebrow is similar in location/size, arch is similar, color is similar
RJB49C	Similar	Same style, thickness, color and spacing in both photos.
RTFBMC	Similar	glasses of unknown hinder full comparison
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	eye brows appear to be similar in color, thickness and growth pattern - location of the brows on the brow ridge appears to be consistent between subjects
UGXDTR	Similar	similar asymmetry to eyebrow contour; similar areas of irregular growth between medial and lateral ends; similar overall shape; similar medial distance between eyebrows
VGDWFB	Similar	Shape, size ,asymmetry between right and left eyebrows
WK96YB	Similar	
X2TF24	Similar	Eyebrows appear similar in shape/thickness/angle/hair details/width apart/asymmetry/where they begin and end; appear somewhat darker in U, may be due to lighting
Z9L8L3	Similar	Similar in shape, size and growth. No dissimilarities noted.
ZCKK6L	Similar	brown color, relatively straight shape, compact size, and thickness of the brows is similar; the brows are consistently denser at the medial ends and become sparse as the lateral ends are approached; the approx. distance above the eyes, between the medial ends, and the proximity of the lateral ends to the lateral corners of the eyes is similar

Features Observations Response Summary - Q6 Eyebrows		Total Participants: 62
Response	Percent Reported	
Similar	61 (98.4%)	
Dissimilar	0 (0.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q6: Table 4.6(g) - Eyes

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Both subjects have almond shaped eyes. Folds of the upper eyelids are similar. Left and right medial canthus have a similar shape.
3UFTE6	Unable To Compare	
44J8XH	Similar	
474EX6	Similar	The eye size is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Eyes are small and squinty on both subjects. Lines extending from outer edges of right and left eyes are similar on both subjects.
8BND4V	Similar	similar overall shape of right/left eye outline/openings; similar shape/angle/size of left/right medial canthi; what is visible of lateral curve of left superior palpebral crease appears similar in relation to left lateral canthus; both have eyes slightly more narrowed due to expression, Unknown(2) is wearing glasses
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar sizes and shapes in both eyes, similar medial canthus shapes and angles, similar under eye lines
9WM27B	Similar	Some obstruction due to glasses, however, intercanthal distance appears consistent, medial canthus' appear similar in shape and slope, overall eye fissure appears similar, eye color difficult to compare due to squint in unknown photo, visibility of upper eyelids appears consistent. protrusion of lower eyelids also appears consistent.
A4GTRA	[Not Reported]	Similarities: Intercanthal distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow; Eyeball prominence; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Sclera: visibility
A8F4MA	Similar	Intercanthal distance, Right and left eye fissure opening (outline) , Right upper eyelid Left upper eyelid , Right and left lower eyelid, Right and left iris, Right eye medial canthus, Left eye medial canthus Right and left eye lateral canthus
A9BMPB	Similar	Right fissure slightly smaller than left. Asymmetry in upper eyelid.
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	small, close set
BGZVPT	Similar	Similar in size and shape

Image Set Q6: Table 4.6(g) - Eyes

WebCode	Observation	Feature Notes
BVKBTR	Similar	similar shape of everything, eyes, creases, edges
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVV	Similar	medial canthus same, shape
D3D3DQ	Similar	Shape is similar. Unable to determine eye color of the unknown.
E2YXFT	Similar	Medial and lateral canthus are similar, eyeshape and size are similar
E7JQ38	Similar	Similar eye shape, angle and asymmetry, medial and lateral canthus shape and size.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar hooded deepset eyes. Similar shape, spacing, and size. Similar pinched shape of medial canthi
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both images have eyes where the medial canthus points downward. Both have a visible superior palpebral crease on the left eye.
HVURP4	Similar	Similar in shape and size. The canthus is consistent and point downwards.
J4778Z	Similar	
JEFCV2	Similar	deep crease on lateral sides, crows feet silimilar, shape of eye opening similar
KCVE8G	Similar	KNOWN AND UNKNOWN Dispite having different expressions between the two images, the creases at the corners and contour of known and unknown's upper and lower eye lids are consistent shape, size and contour. Both have similar light eye color. The intercanthal distance, outer canthal distance, palpebral fissure length, lateral canthus and medial canthus are all consistent in size, shape, and contour. There are two creases at the lateral canthus of each right and left eyes that turn upward resembling a checkmark type mark on the left eye is consistent in both known and unknown.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have similar eye fissure shape and size. Both appear to have hooded eyes with similar crows feet on both eyes.
MMPAFW	Similar	
MX9NJY	Unable To Compare	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q6: Table 4.6(g) - Eyes

WebCode	Observation	Feature Notes
QCV8PW	Similar	The shape of the eyes appears to be similar with pointed medial canthi and a rounded upper portion. The lower eyelids appear to have a similar amount of baggage. The eyes appear to be similarly asymmetric and with a similar distance between them. The periorbital lines appear to have a similar angle, and the left eye appears to have more than the right on both subjects. The depth of the eyes appears to be similar.
QFUJLW	Similar	Similar in shape/contour. Medial/lateral canthus is similar in shape/size. Superior/inferior palpebral creases are similar in size/shape/contour/location. Periorbital creases are similar in quantity/size/location.
QKRZZB	Similar	The shape of the medial and lateral canthus of the right and left eyes appears to be similar between the probe and candidate. The shape of the eye fissure appears to be similar.
QT8L8U	Similar	Medial and lateral canthuses, presence of the sclera, right and left superior palpebral creases, the right inferior palpebral crease, and thickness of the visible left upper eyelid, right and left epicanthic fold, and fissure appears similar.
QY9X6C	Similar	Unknown eyes appear slightly smaller due to expression, eyelids are similar, inferior palpebral creases are similar in size/location/shape, medial canthus is similar pointing downwards, distance to eyebrows is similar, crows feet is similar
RJB49C	Similar	Eyes are equidistant and the same shape, including crease below lower lid and creases as the outer corners.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Unable To Compare	
U8BE68	Similar	eyes appear to be similar in shape and size - both subjects have appearance of epicanthic fold - lateral canthus of the eyes appear to have a similar shape and length to them - inferior palpebral creases appear to be similar under the eyes
UGXDTR	Similar	similar color; similar overall shape; similar upper lid covering completely in right eye and partially covering in left eye exposing similar portion of similar shaped superior palpebral crease; similar shaped medial and lateral canthi; similar crow's feet creases in both eyes in shape and prominence; similar shaped and prominent inferior palpebral creases
VGDWFB	Similar	Visibility of the crease above the upper eyelid, lower eyelid prominence
WK96YB	Unable To Compare	
X2TF24	Similar	Intercanthal distance appears similar; interpupillary distance appears similar; overall shape and size of eyes appear similar; medial canthi appear similar in shape/angle; upper eyelid appears similar on left eye in size in both; lateral canthi appear similar in shape; sclera appears similar in size; eyes appear darker in U, may be due to lighting; inferior palpebral creases appear similar in shape/definition; periorbital creases appear similar in prominence/angle/quantity; superior palpebral creases appear similar in shape

Image Set Q6: Table 4.6(g) - Eyes

WebCode	Observation	Feature Notes
Z9L8L3	Similar	Both have hooded eyes. Difficult to see exact color in unknown. Slight creases observed near the outside of the eyes-similar shape, depth.
ZCKK6L	Similar	approx. intercanthal distance is consistent and complete hoodedness of the eyelids is consistent; shape, small size, and narrow fissure opening is similar; curvature of the upper eyelid and straight shape of the lower lid is consistent; the pointed shape and downward angle of the medial canthi is similar; curved shape of the inferior palpebral crease and thickness of the area between it and the lower eyelid is similar; periorbital creases are similar in directionality, short length, prominence, and quality

Features Observations Response Summary - Q6 Eyes		Total Participants: 62
Response	Percent Reported	
Similar	57 (91.9%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	4 (6.5%)	
Not Applicable	0 (0.0%)	

Image Set Q6: Table 4.6(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Fullness of the cheeks are similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The cheek shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Cheeks appear to have the same fullness and shape on both subjects.
8BND4V	Similar	similar size/shape of cheeks
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size, shapes and protrusions in both cheeks, similar contouring in middle of cheeks in both known and unknown
9WM27B	Similar	height and fullness of cheeks is similar.
A4GTRA	[Not Reported]	Similarities: Cheekbone prominence; Cheek shape Not comparable: (not visible in one or both images) Dimples
A8F4MA	Similar	Right cheekbone, Left cheekbone
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	both are round, full
BGZVPT	Similar	Although there is an expression difference, the size and shape are similar. There is a reddish tint on the left cheek.
BVKBTR	Similar	similar puffy cheeks.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Cheeks are similar. Known's appear to be slightly bigger but could be expression or weight difference.
E2YXFT	Similar	Chubby cheeks on both images
E7JQ38	Similar	Similar cheek minimal bone prominence and soft tissue fullness.

Image Set Q6: Table 4.6(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar size, shape, fullness. Similar contours
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Cheekbone prominence in both images in similar. Both have freckles on the left and right cheek that are in the same relative positions on the face.
HVURP4	Similar	Similar in shape and size. The canthus is consistent and point downwards.
J4778Z	Similar	
JEFCV2	Similar	several marks in similar location, color, and shape, crease similar
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent shape, weight and fullness. Both have full, round cheeks with high cheekbones that are wider than the jawline. There is a consistent small, darker spot, on the outer edge of the right cheek that is consistent between known and unknown.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have high, rounded cheeks with high, slightly protruding zygomatic bones.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The cheekbones appear to not be prominent on either subject, but this could be due to the expression change. The overall shape of the cheeks appears to be similar; triangular on the upper portion and rounded on the lower section.
QFUJLW	Similar	Cheeks are similar in round shape/fullness/location. Facial Markings found on them are similar in location/shape/size/color
QKRZZB	Similar	The shape and fullness of the cheeks between the probe and candidate appears to be similar.
QT8L8U	Similar	Height of the cheek bones and coloring of the apples of the cheeks appears similar.
QY9X6C	Similar	Unknown cheeks appear to be fuller due to expression, marks throughout both cheeks are similar in size/location
RJB49C	Similar	Cheeks are very similar to include fullness and what appears to be a freckle on the right cheek in both photos.
RTFBMC	Similar	
T9A37R	Similar	

Image Set Q6: Table 4.6(h) - Cheeks

WebCode	Observation	Feature Notes
TLDKJC	Similar	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	cheeks appear to be similar in fullness and shape - facial marks found on both cheeks appear to be consistent between subjects
UGXDTR	Similar	similar fullness to cheeks
VGDWFB	Similar	Cheekbone, cheek shape
WK96YB	Similar	
X2TF24	Similar	Zygomatic bones appear similar in prominence; cheeks appear similar in fullness; presence of a dimple on left cheek of both appears similar in size and depth
Z9L8L3	Similar	Cheeks are similar in shape and color. Slight reddish color on them. Facial marks observed in same location in both.
ZCKK6L	Similar	pie slice shape, size, degree of fullness, and redness in the bulbous area is similar; there are facial marks that span from the temple region along the outer cheek on the right and on the lower left cheek that are similar in brown color, size, and quantity

Features Observations Response Summary - Q6 Cheeks		Total Participants: 62
Response	Percent Reported	
Similar	61 (98.4%)	
Dissimilar	0 (0.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q6: Table 4.6(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Length of the nasal body is similar. Width of the nose is similar. Curvature of the nostrils are similar, slants to the right on known and unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The nose shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Nose shape is similar on both subjects. Bridge of nose appears to curve slightly on the right side on both. The center bottom of the nose and the nostrils appear the same shape.
8BND4V	Similar	similar visible curve to left/right nostrils; similar shape of nasal tip; thickness of left/right alae similar; both have small piercing present on right side of nose
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar width and curvature down through body, similar ala shapes and sizes, similar nasal tip shape and size, both have nose rings in same position
9WM27B	Similar	line at nasal root appears consistent, length and width of nasal body appears consistent. Nasal tip shape and size appears consistent. shape of nostrils appears consistent.
A4GTRA	[Not Reported]	Similarities: Nasal outline: shape, length, width, prominence; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width; Nasal alae: thickness; Nostrils: shape, size – left; Columella: width, length, relative position; Asymmetry and deviation Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution); Nasal base: height; Nasal alae: shape Not comparable: (not visible in one or both images) Nasal root: width, length, shape, depth, angle
A8F4MA	Similar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose)
A9BMPB	Similar	
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	similar shape, length, a little crooked. tip similar, both have piercing in same place
BGZVPT	Similar	Similar in size and shape. There is a small stud in the same area on both subjects
BVKBTR	Similar	imilar angle and shape.

Image Set Q6: Table 4.6(i) - Nose

WebCode	Observation	Feature Notes
BYKLNLR	Similar	
CBAKDA	Similar	
D2JEVV	Similar	
D3D3DQ	Similar	Noses are similar
E2YXFT	Similar	Similar shape and size, tip of the nose is pointing a bit to the right on both images
E7JQ38	Similar	Similar nose body, tip, alae shape and size, nostril angle and asymmetry.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	very similar in size, shape, and height. Nose is curved towards the left. Alars, nostril opening, and tip of the nose is distinct and angular. Tip of the nose points towards the right.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have a bend in the nasal body. Both have a nasal base with similar widths and similar nostril sizes.
HVURP4	Similar	The bridge of the nose is similar in length and width and has a consistent curve to the left. There are creases on the nostrils that are consistent.
J4778Z	Similar	
JEFCV2	Similar	similar in shape and curvature, esp in nostrils, similar nose piece in similar location
KCVE8G	Similar	KNOWN AND UNKNOWN's noses are consistent in length, shape and width from the root to the tip. The nasal ridge is free of marks, scars, lumps and/or discolorations. The columella is consistent in shape and narrow width. The ala are also consistent in size, shape, placement. Both have a somewhat pointy nose. There is a small mark, alteration similar to a piercing to the right ala of both known and unknown that is perfectly consistent in placement, shape and size.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have similar shaped and lengths of noses with small diamond stud in R ala. Both have a slight L skew to nasal body.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q6: Table 4.6(i) - Nose

WebCode	Observation	Feature Notes
QCV8PW	Similar	The nasal root appears to be flat on both subjects however most of it is obscured by the glasses on the unknown. The nasal body appears to have a similar prominence and asymmetry. The nostrils appear to be asymmetric with the right side being higher in both subjects. There appears to be a similar nose ring on the left. The nasal tip appears to have a similar size and angle.
QFUJLW	Similar	Nasal body is similar in size/shape/thickness. Ala are similar in shape. Nostrils is similar in contour/location. Nasal tip is similar in shape/size. Nasolabial folds are similar in shape/size/length/prominence. Nasal piercing is similar in location.
QKRZZB	Similar	The shape of the nasal body paired with the shape of nasal tip appears to be similar between the probe and candidate.
QT8L8U	Similar	Curvature of the nasal body, shape and protrusion of the nasal tip, thickness of the left alae, width of the base appear similar
QY9X6C	Similar	Length of nose is similar, nasal base width is similar, tip of nose is similar in shape/size, bridge of nose is similar in shape/size, nasal root is similar in shape/size, both have nose piercing in the same location, ala thickness is similar, nasolabial folds are similar in shape/location/size
RJB49C	Similar	Same shape, length and width, including nostril and columella shape.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	shape of the nose appears to be similar and asymmetrical - both subjects have a similar piercing on the right side of the nose - nasolabial folds appear to be similar in shape and angle - lower end of the nasolabial folds appear to hook inwards in a similar way - facial mark on the nasal tip appears to be similar on both subjects
UGXDTR	Similar	similar nasal root, bridge and tip width; similar nasal alae shape and attachment; both individuals have a piercing on the right nasal alae in similar location; similar shape and protrusion to nasal tip; similar nasolabial fold shape and prominence despite expression difference; similar facial marks on bridge/tip of nose
VGDWFB	Similar	Overall shape , nasal tip (shape , angle) ,nasal base –wings of nose (thickness , symmetry)
WK96YB	Similar	
X2TF24	Similar	Nasal tip appears similar in shape and protrusion, similar in angle; alae appear similar in shape and thickness; nostrils appear similar in size/shape/angle; nasal body appears to deviate to right in both
Z9L8L3	Similar	Nose is similar in shape and size. No obvious dissimilarities noted. Appears there is a slight curve in the nose noted in both.

Image Set Q6: Table 4.6(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Similar	overall small size, curved shape, and degree of protrusion is similar; unknown’s nasal root is obstructed by the glasses and therefore can’t be compared; narrowness, length, and curved shape of the nasal body is similar; rounded “v” shaped nasal tip, width of the nasal base, and ala shape is similar; both have a nose piercing in the same location; nasolabial folds are similar beginning and ending location, short length, diagonal shape, and depth/prominence; the nasolabial folds similarly curve around the mouth corners and are similar in proximity

Features Observations Response Summary - Q6 Nose		Total Participants: 62
Response	Percent Reported	
Similar	61 (98.4%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q6: Table 4.6(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Similar	Knowns ears are partially covered. Left and right lobes have a similar curvature and protrude in a similar way.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Unable To Compare	
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Inconclusive	Known ears are mostly covered by hair, only ear lobes visible. Unknown ears, tops and earlobes can be seen. Ear lobe shape appears similar but not enough visible to do comparison.
8BND4V	[Not Reported]	what is visible of shape of left/right lobe appears similar; visible shape of lower left/right ear appears similar; ears partially covered by hair of Known(1)
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	similar protrusions from head of both ears, similar earlobe shapes
9WM27B	Similar	generally obstructed due to hair in known image however, overall placement of ears appears consistent relative to other facial features, shape of lobes appears consistent.
A4GTRA	[Not Reported]	Similarities: Ear protrusion – partial; Lobe: size, shape, attachment Not comparable: (not visible in one or both images) Asymmetry; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Similar	Right and left ear lobule (lobe)
A9BMPB	Similar	Only lower part of outline is visible.
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar lobes, rest covered in hair
BGVZPT	Similar	Partially blocked by hair, however the lobe shapes are similar
BVKBTR	Similar	covered, but similar lobes
BYKLNLR	Similar	

Image Set Q6: Table 4.6(j) - Ears

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	from what can be seen, lobes and helix same
D3D3DQ	Similar	Ears appear similar but are partially covered in known image.
E2YXFT	Similar	Earlobes seem similar, the rest of the ears cannot be compared
E7JQ38	Similar	Similar ear attachment.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	ears lobes are similar
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have a helix and a lobe that sticks out further from the rest of the ear creating a C shape. Both have ears that are relatively close to the head
HVURP4	Similar	From what is visible, they are consistent in placement and length and slight out curve at the left lobe.
J4778Z	Not Applicable	
JEFCV2	Similar	partially obscured by hair, lobes similar shape and curvature
KCVE8G	Similar	KNOWN AND UNKNOWN: mostly covered by light to medium colored wispy hair. The lower earlobe is consistent in size, shape and outward turn on both known and unknown.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	Partially obscured by hair on K. Both have similar lobes that protrude just a bit.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Similar	
QCV8PW	Inconclusive	The location and general size of the ear lobe appear to be similar however the rest of the sub features are unable to be compared due to hairstyle.
QFUJLW	Similar	lobe is similar in contour/location. Most of the Probe's ear features can not be seen due to hair covering it.
QKRZZB	Similar	Majority of the ears on the candidate is covered by the hair.
QT8L8U	Unable To Compare	
QY9X6C	Similar	Most of the ears in the known is covered by hair, ear lobes on both sides appear to be similar in shape/size

Image Set Q6: Table 4.6(j) - Ears

WebCode	Observation	Feature Notes
RJB49C	Similar	Only the lobes of the known candidate's ears are visible, but are consistent in shape, with the left lobe slightly more flared.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZD	Similar	
U8BE68	Similar	ears of known are covered - lobes appear to be consistent
UGXDTR	Inconclusive	unable to fully compare due to hair covering; similar asymmetrical shape to ear lobes; similar pointed shape to left ear lobe and round shape to right ear lobe; similar ear lobe attachment
VGDWFB	Similar	Lobe (attached ,shape, size)
WK96YB	Similar	
X2TF24	Similar	Earlobes appear similar in both in shape and protrusion; all other component characteristics are obstructed for comparison in K
Z9L8L3	Similar	Ears are not fully exposed, however the lobes are similar in both known and unknown. They stick out slightly and the left lob comes to a small point that is present in both.
ZCKK6L	Similar	known's are partially covered by the hair and therefore the upper halves are not available for comparison; the degree of protrusion, shape, thickness, and manner in which the lobes flare outward is consistent

Features Observations Response Summary - Q6 Ears		Total Participants: 61
Response	Percent Reported	
Similar	46 (75.4%)	
Dissimilar	0 (0.0%)	
Inconclusive	9 (14.8%)	
Unable to Compare	4 (6.6%)	
Not Applicable	2 (3.3%)	

Image Set Q6: Table 4.6(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	There is a slight difference in expressions, known is smiling showing teeth. Lips are fairly thin on known and unknown. Tone of the lips are similar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Similar	The mouth shape and fullness are similar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Expression change--Unknown open smile exposing teeth; Known closed smile. Upper lip is thinner than bottom lip on both subjects.
8BND4V	Similar	Known(1) has mouth closed with smiling expression while Unknown(2) has mouth open and teeth visible with smiling expression; similar shape/curve of upper lip and cupid's bow; shape/size of lower lip is similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar lip shapes and sizes of top and bottom lips, similar fissure, unknown is smiling with mouth open and known is smirking with mouth closed, similar mouth end shapes and angles
9WM27B	Similar	cannot compare teeth due to mouth being closed in known comparison. mouth fissure appears similar. thin upper lip is similar. upper and lower vermilion borders appear consistent. Color, protrusion of lips appears consistent.
A4GTRA	[Not Reported]	Similarities: Philtrum: prominence, width of ridges, width of furrow; Upper lip: upper vermilion border shape; Lower lip: fullness, lower vermilion border shape; Asymmetry - angle of mouth Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Upper lip: shape, fullness, protrusion,; Lower lip: shape, protrusion, detail Not comparable: (not visible in one or both images) Overall mouth: shape; Lip fissure: shape, degree of contact, angle; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Similar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Similar	
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	both have small mouth, thin lips
BGZVPT	Similar	Although there is an expression difference, the shape of the lips are similar. Also, there is a mark on the left side of upper lip.
BVKBTR	Similar	similar lips. lack of cupid bow, similar fullness.

Image Set Q6: Table 4.6(k) - Mouth

WebCode	Observation	Feature Notes
BYKLNLR	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Size and shape of mouth appears similar.
E2YXFT	Similar	Despite facial expression, shape, size and fullness of lips seem similar
E7JQ38	Dissimilar	Dissimilar mouth, fissure, mouth corner and teeth shape and size.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	different smiles; lips are similar shape, size, and fullness. Lips are thin with shallow cupids bow and non-distinct philtrum.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have a thinner upper lip and a fuller bottom lip. The mouth fissure is the same width in both images
HVURP4	Similar	Similar in relation to the mouth and nose. The upper lip thickness and bottom lip thickness is similar.
J4778Z	Similar	
JEFCV2	Similar	similar mark above upper lip, creases similar, expression different in each image
KCVE8G	Similar	KNOWN AND UNKNOWN: Unknown image has an open smile exposing the teeth and candidate has a closed mouth, lips together, smile. The width of the mouth from corner to corner appears consistent. The size and width of the lower lip of both known and unknown appear similar. There is a mole, discoloration or freckle-like mark above the right side of the upper lip vermillion, while more faint in color and prominence in unknown image, that is consistent in both the known and unknown images. The smile lines/nasolabial folds are consistent in placement, size and shape
KRVVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	Difference in expression but both have a similar facial marking along upper vermillion border on R side, both have thinner upper lips and fuller lower lips, very similar upper vermillion border through the cupids bow area. Both have similar nasolabial crease shapes and width.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Similar	

Image Set Q6: Table 4.6(k) - Mouth

WebCode	Observation	Feature Notes
QCV8PW	Similar	The upper vermillion border appears to have a similar contour with the right side being higher. On both subjects the upper lip appears to be thinner than the bottom. The coloration of the lips appears to be similar. The teeth are not available for comparison on the known.
QFUJLW	Similar	Vermillion border is similar in shape/contour. Facial marking located directly about the border is similar in size/shape/location/color. Lips are similar in color/thickness.
QKRZZB	Similar	The shape of the upper and lower lips appears to be similar between the probe and candidate. The fullness of the lower lips appears to be consistent between the probe and candidate.
QT8L8U	Similar	Upper and lower vermillion boards, fissure, thickness of the upper and lower lip appear similar
QY9X6C	Similar	Width of mouth is similar, mouth is closed in the known and open with teeth showing in the unknown due to expression, lip thickness is similar in bottom and top lip, vermillion border is similar, marionette lines are similar, mark above the top lip on the right side is similar in size/shape/location, philtrum is similar
RJB49C	Similar	Both candidate's lips are consistent in shape with a thinner upper lip than lower. Smile causes teeth to be visible in only one of the photos.
RTFBMC	Similar	difference in expression
T9A37R	Similar	Both have similar cupid's bow.
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67Nzd	Inconclusive	
U8BE68	Similar	mouth differs in expression - facial mark on the right side of the upper lip border appears consistent between both subjects - mentolabial sulcus appears present on both subjects and similar
UGXDTR	Similar	similar overall size to mouth; similar fullness and shape to upper and lower lips; similar distance between upper lip and nose; similar symmetrical shape to lip fissure
VGDWFB	Similar	Overall mouth (shape, symmetry),mentolabial sulcus
WK96YB	Inconclusive	
X2TF24	Similar	Distance from nasal base to upper vermillion border apperas shorter on U, may be due to expression; facial mark above upper lip on right appears similar in size/shape/color; upper vermillion border appears similar in shape/lower vermillion border appears similar in shape; upper lip appears similar in fullness, lower lip appears fuller in U, may be due to expression, asymmetry in fullness of lower lip appears similar; mentolabial sulcus appears similar in shape and definition but farther down on K than U
Z9L8L3	Similar	No well defined cupid's bow in either. Lip size and shape is similar. There is a mole above the upper lip on the right side that is present in both. Nasolabial fold is also similar.

Image Set Q6: Table 4.6(k) - Mouth

WebCode	Observation	Feature Notes
ZCKK6L	Similar	similar in shape and size; fissure shape appears to be similar despite the expression difference; pink color and asymmetrical thickness of the lips, with the upper thinner than the lower is similar; curved shape and fullness of the lower lip is consistent; both have a facial mark along the right side of the upper vermillion border, that is similar color, shape, and size (although unknown's is difficult to see due to the shadowing present); distance and shape between the nasolabial folds is consistent

Features Observations Response Summary - Q6 Mouth			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	53 (85.5%)	
	Dissimilar	3 (4.8%)	
	Inconclusive	6 (9.7%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	0 (0.0%)	

Image Set Q6: Table 4.6(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Unable To Compare	
2XLVQ2	Similar	Curvature of the chin is similar. Jawline is rounded on both subjects.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The chin shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Expression change makes chin appear slightly more pronounced on unknown. Overall chin and jawline are similar in shape.
8BND4V	Similar	similar shape of chin; both appear to have similar round curve of jawline
8FHAQ2	Similar	
8T7EYX	Unable To Compare	
9NAAFD	Similar	similar gonial angles and jawline jawlyness , similar chin roundedness and protrusion
9WM27B	Similar	bulbous chin appears similar in both images. with of chin and gonial angle is similar. Mentolabial sulcus placement depth width appears consistent.
A4GTRA	[Not Reported]	Similarities: Chin: width relative of rest of face, prominence; Jawline: shape, definition, Asymmetry; Gonial angle: shape, definition Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Chin: overall shape, length
A8F4MA	Similar	Chin
A9BMPB	Inconclusive	Shape of chin is a little different because of expression and lighting.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	round, similar jawline
BGVZPT	Similar	The jawline and chin are similar in size and shape and complexion
BVKBTR	Similar	similar chin and jaw line.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEWV	Similar	
D3D3DQ	Similar	Chin and jaw appear similar.
E2YXFT	Similar	Similar jawline and chin shape

Image Set Q6: Table 4.6(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar chin shape and size.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar angle and shape, similar chin size. Faint chin cleft possible, sulcus appearance similar.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown has a more pointed chin possibly due to smiling. Known has a more square chin.
HVURP4	Not Applicable	Similar in shape and length.
J4778Z	Similar	
JEFCV2	Similar	similar curvature, ball shape of chin
KCVE8G	Similar	KNOWN AND UNKNOWN: There is similar weight, fullness and creases under the chin. consistent in size, contour and shape. There appears to be light shadowing on the left and right under-side of chin that is possibly some very short facial hair growth that is consistent on both known and unknown images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	[Not Reported]	Both appear to have a small pointed rounded chin with smooth gonial angles. Both appear to have similar weight around and under the chin along with a slight shadow of possible facial hair under the chin or just a very deep shadow.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The chin appears to be more pronounced on the unknown however this is likely due to the shadowing or change in tan/hue. The chin appears to be more to the right on both subjects. The gonial angle appears to be soft on both subjects.
QFUJLW	Similar	Chin appears dissimilar due to smiling expression. Facial markings on the chin is similar in location/size/shape. Jawline is similar in shape. Gonial angle is similar in shape.
QKRZZB	Similar	The contour of the chin and jawline appears to be similar between the probe and candidate.
QT8L8U	Similar	Roundness of the chin, prominence, and angle of the jawline appear similar

Image Set Q6: Table 4.6(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Similar	Jawline is similar in size/shape, chin shape appears to come more to a point in the unknown due to expression, marks on chin are similar in location/size/shape, mark near the bottom lip on right side is similar, length of chin is similar
RJB49C	Similar	The chin and jawline are very consistent in shape and symmetry, including crease under chin.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	chin shape and size appears to be consistent between subjects
UGXDTR	Similar	similar shape and prominence to jawline and gonial angle; similar round shape and prominence to chin; similar double chin in shape and prominence
VGDWFB	Similar	Overall shape (symmetry)
WK96YB	Similar	
X2TF24	Similar	Chin appears similar in shape, appears somewhat more prominent in U; jawline appears similar in shape/definition/width
Z9L8L3	Similar	Similar in shape. Unknown has a slight double chin. Due to facial expressions, it is not fully observed in known. Facial hair observed in the same location in both.
ZCKK6L	Similar	curvature and undefined shape of the jawline is similar; width, short height, rounded shape and prominence of the chin is similar; both have similar sized and shaped wattle

Features Observations Response Summary - Q6 Chin/Jawline		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	55 (91.7%)
	Dissimilar	1 (1.7%)
	Inconclusive	1 (1.7%)
	Unable to Compare	2 (3.3%)
	Not Applicable	1 (1.7%)

Image Set Q6: Table 4.6(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Width of the neck is similar. Two neck creases found on known and unknown. Crease have a similar prominence and are found in similar locations.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The neck shape and the wrinkles on the neck are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Necks appear to be similar widths and have similar horizontal lines on both subjects.
8BND4V	Similar	width of neck appears similar; visible wrinkles on neck have similar curve/depth and relation to one another
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	neck lines are in similar positions and curvatures in both known and unknowns, both have similar neck thickness
9WM27B	Similar	length and width of neck is similar. Placement and depth of neck lines are similar. facial marks on neck appear similar in color shape placement and size.
A4GTRA	[Not Reported]	Similarities: Overall neck: width, height, details Not comparable: (not visible in one or both images) Laryngeal prominence: shape, size, prominence, location
A8F4MA	Similar	Neck overall
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	multiple matching lines
BGZVPT	Similar	There are lines in the neck area that line up
BVKBTR	Similar	similar lines and shape. and height.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Length and width of neck appears similar as well as lines and marks on neck.

Image Set Q6: Table 4.6(m) - Neck

WebCode	Observation	Feature Notes
E2YXFT	Similar	Shape and size are similar
E7JQ38	Similar	Similar neck length, width, musculature and soft tissue fullness.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar width and height, similar neck lines
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Neck is similar width in both images. Both have the same 2 creases that span the entire width of the neck. Both have a freckle on the right side of the bottom crease.
HVURP4	Similar	Similar in width and the creases. There are freckles that are also in the same relative location.
J4778Z	Similar	Exact marks and lines
JEFCV2	Similar	multiple marks in similar locatin, color, relationship
KCVE8G	Similar	KNOWN AND UNKNOWN: There are two, paralell neck lines that run from the right side of the neck, around the front and to the opposite side that are consistent in length and distance apart. Both known and candidate have a consistent gonial angle and consistent size and shape of the chin. The neck is similar in weight and width. The skin around the neck of the known and unknown is full, wide and texure appears soft and smooth
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	neck lines and facial markings are consistent.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The neck appears to have a similar width on both subjects. The neck wrinkles have a similar contour, amount, and arrangement. There appears to be similar marks on the neck between the subjects.
QFUJLW	Similar	Neck is similar in width/length. Neck wrinkles is similar in location/quantity/shape.
QKRZZB	Similar	The neck creases on the probe and candidate line up with one another.
QT8L8U	Similar	Thickness of the neck, double chin, and horizontal lines on the lower part of the neck appear similar
QY9X6C	Similar	Thickness is similar, height is similar, neck creases are similar, marks are similar in location/size/shape

Image Set Q6: Table 4.6(m) - Neck

WebCode	Observation	Feature Notes
RJB49C	Similar	Neck shows the same creases on both candidates. Consistent length and width.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	neck appears to be similar in relative thickness compared to the face shape - neck creases appear to be similar in location and prominence
UGXDTR	Similar	similar neck creases in shape, prominence and relative location; similar neck width; similar facial marks in size, shape and relative location
VGDWFB	Similar	Double chin, wrinkles
WK96YB	Similar	
X2TF24	Similar	Neck appears similar in width/length; similar neck creases in location/prominence/quantity
Z9L8L3	Similar	Neck is similar in shape and size. Creases observed in the same location, same length and are well defined in both known and unknown
ZCKK6L	Similar	width, length, and musculature is similar; there are two prominent neck creases/wrinkles that run parallel to each other that are similar in curvature, location on the neck, and prominence; there are a few facial marks scattered along the base of the neck that are similar in color, shape, location, and appearance

Features Observations Response Summary - Q6 Neck		Total Participants: 62
Response	Percent Reported	
Similar	62 (100.0%)	
Dissimilar	0 (0.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q6: Table 4.6(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Similar	facial hair/stubble placement, color, growth pattern on chin and just below lower lip is similar.
A4GTRA	[Not Reported]	Similarities: Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail Not comparable: (not visible in one or both images) Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Similar	Hair growth both sides on chin. White hairs lower lip on left side.
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Similar	Both have facial hair under the chin and below the lower lip on the left side.

Image Set Q6: Table 4.6(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Similar	Similar facial hair tone and growth pattern on both sides of chin.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Similar	similar slight hair growth on sides of chin
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Similar	chin area similar hair locations
KCVE8G	Similar	Facial Hair: mentioned on chin/jawline comparison note
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	Both appear to have a slight shadow just under the chin. possibly facial hair.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Inconclusive	Slight faint facial hair on the left of the lower lip and on the chin that appears to be more visible on the unknown than the known but this could be due to grooming.
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Dissimilar	grooming appears different.
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Similar	Both images have chin/jawline facial hair of the same pattern and consistency.
TLDKJC	Similar	

Image Set Q6: Table 4.6(n) - Facial Hair

WebCode	Observation	Feature Notes
TQ9EET	Not Applicable	
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed in either individual
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Similar	Similar presence of facial hair around left and right bottom of chin, similar hair growth pattern, appears darker on U, may be due to lighting; similar hair on lower left lip
Z9L8L3	Similar	Facial hair observed on chin in both known and unknown
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q6 Facial Hair		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	17 (27.4%)
	Dissimilar	1 (1.6%)
	Inconclusive	2 (3.2%)
	Unable to Compare	2 (3.2%)
	Not Applicable	40 (64.5%)

Image Set Q6: Table 4.6(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Nasolabial folds have a similar prominence and are found in similar locations. Inferior palpebral creases are found in similar locations. Crow's feet are similar in length and arrangement. Mentolabial sulcus is found in similar locations.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	[Not Reported]	Lines around nose and mouth, lines around eyes, and lines on neck all appear similar on both subjects.
8BND4V	Similar	similar shape/curve/prominence of left/right nasolabial fold; curve of left/right inferior palpebral crease appears similar; shape of mentolabial sulcus appears similar; curve/shape of visible wrinkles of neck similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	nasolabial lines are similar at their starting positions by nose, curvatures down around mouth
9WM27B	Similar	Nasolabial fold placement and depth, including start and end placement appears consistent.
A4GTRA	[Not Reported]	Similarities: Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Infraorbital crease; Mentolabial sulcus; Nasolabial crease; Wrinkles on neck Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Marionette lines Not comparable: (not visible in one or both images) Frontal lines; Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Circumoral striae; Cleft chin; Buccal creases; Other creases
A8F4MA	Similar	Right and left palpebral crease, Right and left inferior palpebral crease, Right and left nasolabial crease/folds, Wrinkles on neck
A9BMPB	Similar	Inferior palp, crow's feet, nasolabial, neck lines.
AE2ZQY	Not Applicable	
AQVDNB	Similar	
BF6CMR	Similar	both have deep marionette lines
BGZVPT	Similar	Prominent nasolabial folds on both
BVKBTR	Similar	similar off nose marks, similar neck lines.
BYKLNK	Similar	
CBAKDA	Similar	

Image Set Q6: Table 4.6(o) - Facial Lines

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Similar	Nasolabial lines appear similar as well as the lines at the outside corners of the eyes.
E2YXFT	Similar	Creases in the eye corners and on the neck, as well as naso labial creases seem similar
E7JQ38	Similar	Similar left eye superior palpebral crease, right and left inferior palpebral crease, crow's feet, nasolabial folds, neck crease shape, size, number and placement.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar inferior palpebral creases, similar deep lines at outer crease of eye fissure, similar nasolabial lines, similar neck lines
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have deep nasolabial folds on both sides. Neck creases discussed above.
HVURP4	Similar	Noted above.
J4778Z	Similar	
JEFCV2	Similar	similar throughout (see each feature)
KCVE8G	Similar	Facial Lines: previously noted; Neck, Eyes, Forehead
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The nasolabial lines appear to have a similar angle and placement on both subjects. The rest of the facial lines are discussed above.
QFUJLW	Similar	Discussed in earlier sections
QKRZZB	Similar	The left and right periorbital creases on the probe and candidate line up with one another. The nasolabial folds are similar in location and depth. The inferior and superior palpebral creases of the left and right eyes appears to be similar.
QT8L8U	Similar	starting point of the nasal labial folds and shape, right palpebral creases appears similar.
QY9X6C	Not Applicable	

Image Set Q6: Table 4.6(o) - Facial Lines

WebCode	Observation	Feature Notes
RJB49C	Similar	The nasal lines are consistent, despite difference in expression between photos.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	mentioned in eyes, nose, cheek, mouth and neck sections of this comparison
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Inferior palpebral, periorbital creases, nasolabial fold , wrinkles on neck
WK96YB	Similar	
X2TF24	Similar	Nasolabial folds appear similar in shape/prominence/angle; marionette lines appear similar in prominence and angle; others aforementioned
Z9L8L3	Similar	Creases on the neck are similar in length, location and depth in both known and unknown.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q6 Facial Lines		Total Participants: 60
Response	Percent Reported	
Similar	55 (91.7%)	
Dissimilar	0 (0.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.7%)	
Not Applicable	4 (6.7%)	

Image Set Q6: Table 4.6(p) - Scars

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Similar	appears to be similar potential scar/mark on upper right part of forehead, faint horizontal line
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Similar	both have a line scar on their forehead in similar positions
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: (not visible in one or both images)
A8F4MA	Not Applicable	
A9BMPB	Similar	Vertical line in forehead, above glabella.
AE2ZQY	Similar	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEV	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q6: Table 4.6(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Inconclusive	possible scar on right upper forehead of Known, not visible in Unknown; similar small white scar perpendicular to lower lipline
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Similar	Noted above.
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Similar	Scars: previously noted; Forehead
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	none visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Similar	There appears to be a similar number of scar/marks on the face in similar locations; specifically, an arrangement of 3 vertically on the left check, one to the right of the right nostril, a mark above the upper vermillion border, and corresponding marks on the neck.
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	

Image Set Q6: Table 4.6(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed in either individual
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	may be scar on right upper forehead
Z9L8L3	Not Applicable	No obvious scarring observed
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q6 Scars			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	11 (18.0%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	2 (3.3%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	47 (77.0%)	

Image Set Q6: Table 4.6(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Similar	Mark on the right cheek is consistent in size, color and location. Mark on the upper lip is consistent in size but more prominent on the known. Marks in the middle of the forehead are similar. 3 marks on the left cheek have a similar arrangement and are relatively the same size.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Facial marks on cheeks and above upper lip are similar on both subjects.
8BND4V	Similar	similar visible small circular facial mark present toward center of right cheek; similar four small circular facial marks present on left cheek in relation to one another; appears to be similar facial mark present near/above right point of cupid's bow
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have marks on their cheeks in similar positions and of similar shapes
9WM27B	Similar	facial marks on left cheek (3) appear similar in color, shape, size, placement. facial mark on right cheek appears similar in color, shape, size and placement. Facial mark above upper right lip appears consistent in color, size, shape, placement.
A4GTRA	[Not Reported]	Similarities: Potential facial mark on center left of right cheek; Potential facial marks on upper left of right cheek; Potential facial mark above right upper lip; Series of potential facial marks on mid left cheek Dissimilarities: (Potentially due to differences in age, pose, expression, lighting and resolution) Potential facial mark below right lower lip in R, not observed in Q
A8F4MA	Similar	Skin mark in right cheekbone, skinmark in upper right lip, and four skin marks in left cheekbone
A9BMPB	Similar	Several matching marks.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar on right and left cheeks, above upper lip
BGVPT	Similar	Both have small brown marks on both sides of face
BVKBTR	Similar	Several marks may in matching locations.
BYKLNLR	Similar	

Image Set Q6: Table 4.6(q) - Facial Marks

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	appearance of freckles same
D3D3DQ	Similar	Many facial marks are in similar positions. Glasses on unknown partially cover the face and some areas where other marks were observed on the known.
E2YXFT	Similar	Moles on both images seem to be placed in the sama spots
E7JQ38	Similar	Similar darker tone skin marks visible by the right eyebrow lateral corners, on the right middle cheek, a constellation of four marks on the left cheek, above the upper lip right half vermilion border, on each neck crease on the right side of the neck
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar cluster of marks on left lower cheek, similar marks on neck and right cheek
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have similar freckles on cheeks, a freckle above the upper lip on the right side.
HVURP4	Similar	Noted above.
J4778Z	Similar	Several marks appear similar in same locations and sizes
JEFCV2	Similar	similar throughout (see each feature)
KCVE8G	Similar	noted above
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	There appears to be a similar number of scar/marks on the face in similar locations; specifically, an arrangement of 3 vertically on the left check, one to the right of the right nostril, a mark above the upper vermilion border, and corresponding marks on the neck.
QFUJLW	Similar	Discussed in earlier sections
QKRZZB	Similar	Facial marks are present on the face of the probe and candidate. They appear to line up between the two individual.

Image Set Q6: Table 4.6(q) - Facial Marks

WebCode	Observation	Feature Notes
QT8L8U	Similar	Mark on the right cheek near the cheek bone, mark on the right upper lip near the peak of the upper vermilion boarder appears similar
QY9X6C	Not Applicable	
RJB49C	Similar	A small mole or freckle above the upper lip is visible in the same position on both candidates.
RTFBMC	Similar	above right upper lip, both cheeks
T9A37R	Similar	Both images have a dark freckle above the right upper portion of the upper vermilion boarder.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	mentioned in nose, cheek, mouth sections of this comparison
UGXDTR	Similar	similar various facial marks in prominence, shape and location on right side of face by eyebrows, on cheeks, on upper lip
VGDWFB	Similar	Freckles in cheeks
WK96YB	Similar	
X2TF24	Similar	Facial marks present on left/right cheeks and neck appear similar in size/shape/location/color
Z9L8L3	Similar	Facial marks on the cheeks and above the lip on the right side are all similar in shape, size and location in both known and unknown
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q6 Facial Marks		Total Participants: 61
Response	Percent Reported	
Similar	56 (91.8%)	
Dissimilar	1 (1.6%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	3 (4.9%)	

Image Set Q6: Table 4.6(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Weight, Glasses, smile
2XLVQ2	Inconclusive	Both subjects have a piercing on the right nostril. Unknown has on glasses, known doesn't.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Similar	The piercing on the nose is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Similar	Right side nostril is pierced on both subjects--in same place and nose ring appears to be similar. Unknown is wearing glasses and known is not.
8BND4V	[Not Reported]	both have small piercing present on right side of nose; Unknown(2) is wearing glasses
8FHQAQ2	Similar	piercing on the right wing of nose
8T7EYX	Dissimilar	weight- eye glasses- smile
9NAAFD	Not Applicable	Unknown is wearing glasses and know isnt
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Similarities: Nose piercing on right ala
A8F4MA	Similar	Piercing in right alae nose
A9BMPB	Similar	Piercing on right side of nose.
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	Unknown wears glasses
BVKBTR	Similar	similar peirced nose location
BYKLNK	Not Applicable	
CBAKDA	Similar	Nostril piercing in both images.
D2JEW	Not Applicable	
D3D3DQ	Similar	Both have nose piercing on the right side.
E2YXFT	Similar	Nose piercing on the right nostril on both images, but glasses are only on unknown image
E7JQ38	Similar	Similar nose piercing on right ala.

Image Set Q6: Table 4.6(r) - Alterations

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Similar	riight side nose piercing in bot images
EYNFWN	Similar	Nose stud in same location; Unknown wearing glasses
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	wearing glasses in unknown, nose piercing in both
KCVE8G	Similar	noted above; Nose
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	Both have a small diamond stud nose piercing high on the R nose ala. Unk has glasses.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Dissimilar	Hair style and glasses
PT369V	Dissimilar	facial expression
QCV8PW	Inconclusive	Glasses on the unknown. Nose ring on both subjects.
QFUJLW	Similar	Nose piercing. Candidate has glasses.
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Unknown has glasses on, both have nose piercings
RJB49C	Similar	Nasal piercing appears in the same position on both.
RTFBMC	Similar	piercing in same general location on right side of nose
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Not Applicable	
U8BE68	Similar	unknown has hair pulled up and glasses compared to no glasses and hair down on known

Image Set Q6: Table 4.6(r) - Alterations

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	unknown is wearing glasses
VGDWFB	Similar	Piercing (nose)
WK96YB	Not Applicable	
X2TF24	Similar	similar location/size of piercing on nose right side
Z9L8L3	Similar	Nose piercing is same location.
ZCKK6L	Similar	unknown is wearing glasses; both have right ala pierced

Features Observations Response Summary - Q6 Alterations			Total Participants: 58
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	27 (46.6%)	
	Dissimilar	8 (13.8%)	
	Inconclusive	2 (3.4%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	21 (36.2%)	

Image Set Q6: Table 4.6(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, resolution and a number of other imaging conditions.
AE2ZQY	nose piercing	NotApplicable	
D3D3DQ	Jewelry	Similar	Nose ring appears similar.
E7JQ38	Limitations	NotApplicable	Expression, occlusion (hair and glasses).
EYNFWN	Lighting		lighting from different angles
H7ZBPM	Piercings	Similar	Both have a nose ring on the right nostril
PT369V	glasses	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Lighting in the unknown is darker, known image is closer to the camera, both frontal images and good quality, expression is different – known is smiling with mouth closed and unknown is smiling with mouth open

Detailed Feature Observations

TABLE 4 - Image Set Q7

Image Set Q7: Table 4.7(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin is similar, red undertone on known and unknown. Texture of the skin is fairly smooth on both subjects.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The skin tone is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects are white males. Unknown appears to have more of a tan than known.
8BND4V	Similar	both appear to have lighter skin tones, difference in lighting in images
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	Both have similar texture and tone despite the lighting difference, also luminance is different due to lighting
9WM27B	Similar	skin color texture and tone appears similar.
A4GTRA	[Not Reported]	Similarities include: Overall skin appearance: texture Dissimilarities include: Overall skin appearance: tone (lighting)
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar color and texture
BGZVPT	Similar	Similar in texture. Unknown is a little mor tan looking
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar but unknown appears to have had more sun.

Image Set Q7: Table 4.7(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Similar	Smilar texture
E7JQ38	Similar	Similar skin tone and texture.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar tone and texture, Known skin is more illuminated, Unknown has more of a tan
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Overall texture is the same in both images. Tone is similar. Unknown has shiner skin
HVURP4	Similar	The skin appears to be of the same texture and coloring.
J4778Z	Inconclusive	
JEFCV2	Dissimilar	skin appears darker and shinier in unknown (may be due to lighting)
KCVE8G	Similar	KNOWN: light, pink tone. UNKNOWN: light in color, pinkish in color but warmer in tone as if altered by some exposure to sunlight.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have light skin with several facial markings in similar positions.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Inconclusive	Different lighting photo
PT369V	Similar	
QCV8PW	Similar	The subjects appear to present with a similar light skin town. There is a variation in the hue but this could be due to exposure, lighting, or other imaging conditions. The texture of the skin appears to be similar between the subjects.
QFUJLW	Similar	Skin is similar in light color. Probe appears lighter. This could be due to lighting.
QKRZZB	Similar	Skin tones appear to be similar
QT8L8U	Dissimilar	Appears disimilar, but there is a difference in light and image quality that could contribute. Redness of the skin tone does appear similar.
QY9X6C	Similar	Tone is lighter/brighter in the known due to lighting, texture is similar
RJB49C	Similar	Skin is slightly different in color, likely due to lighting differences. Texture is consistent.
RTFBMC	Dissimilar	lighting difference

Image Set Q7: Table 4.7(a) - Skin

WebCode	Observation	Feature Notes
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	skin tone and texture appear to be consistent between subject
UGXDTR	Similar	similar skin tone and texture
VGDWFB	Similar	Luminance and color
WK96YB	Similar	
X2TF24	Dissimilar	Skin appears smoother on U, may be due to image quality; skin appears dissimilar in overall tone, may be due to time of year
Z9L8L3	Similar	Both are caucasian males
ZCKK6L	Similar	smooth texture and clear complexion is similar, however the unknown's is more tanned with a red tonality which could be attributed to sun exposure differences

Features Observations Response Summary - Q7 Skin		Total Participants: 62
Response	Percent Reported	
Similar	54 (87.1%)	
Dissimilar	4 (6.5%)	
Inconclusive	3 (4.8%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q7: Table 4.7(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Shape of the knowns head appears to be longer and more narrow, possible due to the difference in distance from the camera.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	One of the individual's facial shape is more slender.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have elongated heads with a pointy/ protruding chin.
8BND4V	Similar	overall shape of face/head outline appears similar, appears slightly narrower/longer for Known(1) which can be from the difference in subject to camera distance
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	Both have similar head shapes, though unknown appears to have wider head and known narrower due to aspect of image capture
9WM27B	Similar	overall face/head shape is similar.
A4GTRA	[Not Reported]	Similarities include: Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Ear position relative to eyes, nose, and mouth Dissimilarities include: Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Eye position relative to face length
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	oval outline
BGVPT	Similar	Both are elongated in shape. Known is a little fuller face.
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Face Outline is similar, but face of known appears thinner. This could be due to distortion in the image.

Image Set Q7: Table 4.7(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E2YXFT	Inconclusive	Difficult to compare because known image seems to be distorted due to camera being too close at the time of capture
E7JQ38	Similar	Similar overall shape of face.
E9D7GU	Similar	
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Similar	oval shape, cranial vault shape similar./ expected dissimilarities due to perspective distortion
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Both have similar cranial vault and an oval face shape
HVURP4	Similar	Face/head outline appears to be of the same size.
J4778Z	Similar	General face shape is consistent
JEFCV2	Dissimilar	chin and jawline does not follow same outline (may be due to expression)
KCVE8G	Similar	KNOWN AND UNKNOWN: Consistent, contour and rectangular shape. The known and unknown appear to be close in age. Features are similar in placement, weight and symmetry. The known image has a forward pitch to the head making the forehead, eyes and nose appear slightly bigger than normal/natural and the chin slightly smaller than normal/natural. Unknown image is straight on, forward facing, frontal image.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have oval faces
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The face/head outline appears to have a similar shaping with a squared cranial vault and a more pointed chin/jawline area.
QFUJLW	Inconclusive	Known's outline is more egg-shaped. Unknown's is more oval shape. This could be due to the angle the image was taken from and the Unknown is smiling.
QKRZZB	Similar	The face outline appears to be similar between the probe and candidate.
QT8L8U	Similar	head shape is obstructed by hair. Face shape appear similar in shape.
QY9X6C	Similar	Overall head shape/size is similar, the known appears larger due to being closer to the camera, width in the unknown appears wider due to expression

Image Set Q7: Table 4.7(b) - Face/Head Outline

WebCode	Observation	Feature Notes
RJB49C	Similar	Oval shaped head. Appears slightly longer on known candidate, likely due to focal length.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	general shape of the face appears to be consistent from the cranial vault to the jawline
UGXDTR	Similar	unknown's face appears slightly wider, but believe difference to be due to fishbowl distortion; cranial vault shape appears similar
VGDWFB	Similar	Overall shape of face
WK96YB	Similar	
X2TF24	Inconclusive	Overall shape of face appears more narrow in K; shape of cranial vault appears similar
Z9L8L3	Similar	Shape and size of head is similar. No obvious dissimilarities.
ZCKK6L	Similar	egg-like shape of the head is similar, with the narrowest part of the face at the chin; known's face appears to be more elongated but this can be attributed to capture distortion and pitch difference, as the known's chin is drawn in, whereas the unknown's chin is lifted

Features Observations Response Summary - Q7 Face/Head Outline		Total Participants: 61
Response	Percent Reported	
Similar	50 (82.0%)	
Dissimilar	3 (4.9%)	
Inconclusive	5 (8.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	3 (4.9%)	

Image Set Q7: Table 4.7(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Spacing between the eyes is similar. Nose to mouth distance is longer on the known, possibly due to the difference in expressions.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The overall distance of eye, nose, and mouth relative to each other is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features appear to be spaced evenly on both subjects.
8BND4V	Similar	position of upper ears relative to eyes appear similar; difference in angle of head/subject to camera distance
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	features are in similar positions relative to the other features of the head in both known and unknown
9WM27B	Similar	Placement of facial features is similar as well as distance between features.
A4GTRA	[Not Reported]	Dissimilarities include: Overall shape of the face Not comparable: Shape of the cranial vault
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	ears, eyes, nose and mouth in same proportion
BGVPT	Similar	In proportion
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Similar composition.
E2YXFT	Inconclusive	Difficult to compare because known image seems to be distorted due to camera being too close at the time of capture
E7JQ38	Dissimilar	Dissimilar nose and mouth width relative to the eyes.

Image Set Q7: Table 4.7(c) - Face/Head Composition

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	expected dissimilarities due to perspective distortion
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Spatial relationship between features is similar.
HVURP4	Similar	Face/head composition appears to have the same features in the same relative location.
J4778Z	Similar	
JEFCV2	Similar	
KCVE8G	Similar	KNOWN AND UNKNOWN: Features are similar in placement, weight and symmetry. Consistent, contour and rectangular shape.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have their feature placement concentrated on the lower half of the face leaving larger foreheads.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The features of the face appear to be tighter on the unknown than the known however this could be due to the change of expression and difference in imaging conditions.
QFUJLW	Similar	Features are placed similarly on the face. Inter-canthal distance is similar. Nose is placed at a similar distance between eyes and mouth.
QKRZZB	Similar	The inter-canthal distance appears to be similar between the probe and candidate. The distance from the hairline to the eyebrows appears to be similar between the probe and candidate.
QT8L8U	Similar	head obstructed by hair. facial composition appears similar in placement of the facial features.
QY9X6C	Similar	Distance between eyes is similar, distance from eyes to mouth is similar, distance from nose to mouth appears shorter in the unknown due to expression
RJB49C	Similar	Face is symmetric, with exception of nose which is slightly offset to the left.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	

Image Set Q7: Table 4.7(c) - Face/Head Composition

WebCode	Observation	Feature Notes
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	relative shape and size of the face features appear to be similar between subjects
UGXDTR	Similar	the relative position and proportion of the facial features appears similar to one another
VGDWFB	Dissimilar	
WK96YB	Similar	
X2TF24	Dissimilar	Eye position relative to face length appears dissimilar; Approximate distance from chin to lower lip relative to face length appears longer on U, may be due to camera to subject; app. Width of nose relative to eyes appears similar
Z9L8L3	Similar	Composition is similar. No obvious dissimilarities.
ZCKK6L	Similar	configuration and alignment of the visible facial features are consistent with respect to each other and their location on the face, however size appears to be dissimilar, as the known's are larger but this can be attributed to the fishbowl distortion of the known image

Features Observations Response Summary - Q7 Face/Head Composition		Total Participants: 60
Response	Percent Reported	
Similar	52 (86.7%)	
Dissimilar	4 (6.7%)	
Inconclusive	2 (3.3%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q7: Table 4.7(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Tone of the hair is brownish/gray on both subjects. Texture of the hair is similar. Fullness and style of the hair is similar. Curvature of the hairline is similar. Part on the left side is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The hair texture and color are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a light colored hair that is straight. Both subjects have shorter hair on the sides and longer on top with a part on the left side of the head. Unkonwn has styled his hair giving it more volume and with pieces sticking up/ out.
8BND4V	[Not Reported]	both appear to have similar hair coloring, slight difference to styling in hair
8FHAQ2	Similar	gray-ish hair distribuiton is strong distinctive
8T7EYX	Inconclusive	
9NAAFD	Similar	similar color and texture of hair, part line is on same side of head despite a little different hair style between the two
9WM27B	Similar	Hair color appears similar, as well as natural part of the hair. Density and distribution of hair is similar. front hairline as well as side hairline appears similar.
A4GTRA	[Not Reported]	Similarities include: Hair: texture, symmetry, density, tonality; Hairline right side: shape; Hairline left side: shape Dissimilarities include: Forehead hairline: shape; Hair: shape/spatial distribution Not comparable: Cranial baldness pattern: shape, distribution
A8F4MA	Similar	Forehead hairline, Hairline right side Hairline left side
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar color, texture
BGZVPT	Similar	Similar in texture, style and color
BVKBTR	Similar	color similar, high corners similar
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q7: Table 4.7(d) - Hair

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Color and texture appear similar.
E2YXFT	Similar	Smilar texture
E7JQ38	Similar	Similar hair tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar hair texture and density, light in color; possible cowlick on left side where part is, temple hairline similar in shape
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar in color and texture. Hairline is similar in both.
HVURP4	Similar	Hair coloring and texture appear consistent. The known image has the hair brushed to the side and down while the unknown image has it brushed straight back.
J4778Z	Dissimilar	color and texture appear similar but style and line appear off
JEFCV2	Dissimilar	different hairstyle, different parting, known hair slightly lighter
KCVE8G	Similar	KNOWN: short, very light dirty blonde and/or graying hair that is parted and combed over to the right side of the head. The hair is neatly groomed and lying flat on the top of the head, shaved short on the sides above the ears. UNKNOWN: short, very light dirty blonde and/or graying hair that is parted and combed over to the right side of the head. The hair is combed up and back in a manner that is inconsistent with the way known's hair is groomed and the hair just above the left ear is just slightly longer, sticks/points up and outward from the side of the head. The hair of unknown appears slightly fuller. The crown of the head is consistent in height and curvature between both images. The contour of the hairline is consistent across the top of the forehead and around the sides of the head, temples and to the tops of the ears between both known and unknown.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have lighter hair or a large amount of grey hair, both part the hair deep on the L side.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q7: Table 4.7(d) - Hair

WebCode	Observation	Feature Notes
QCV8PW	Similar	-The hairline appears to be similar with minimal temple peaks on both lateral sides and instead just a diagonal line. The top left of the hairline appears to come to a similar point. The unknown appears to have a slight rounding in the middle of the top however either hairstyle or aging makes it not visible in the known. The unknown has more light hair with some grey/white but the known has mostly grey/white however this could be due to aging or hairstyle changes (dyes).
QFUJLW	Similar	Similar in light color/length/texture.
QKRZZB	Similar	The hairline of the probe and candidate appears to be similar. The hair color and texture appears to be similar.
QT8L8U	Similar	hair growth pattern, hairline, texture, color, and grooming appear similar.
QY9X6C	Similar	Hair color is similar, texture is similar, hair style is similar, the unknown is shorter in length due to grooming, hairline on the sides is similar
RJB49C	Similar	Hair is consistent in texture, thickness, color and style.
RTFBMC	Similar	styled differently
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	hair appears too be similar in texture and style - color differs slightly which may be due to lighting
UGXDTR	Similar	similar light blonde/brown hair color; similar hair texture; difference in hair style, but hair part is similar in location with hair being pushed over to the right either flat across as in known or up/back and across to the right like in the unknown; similar growth pattern along temporal peaks
VGDWFB	Similar	Hairline both side ,part line, shape/spatial distribution
WK96YB	Similar	
X2TF24	Similar	Hair appears similar in texture/tone/variation in color; left and right side hairline appear similar, style of hair obstructing hairline on top
Z9L8L3	Similar	Hair is similar color, part is in same spo. Growth appears similar.
ZCKK6L	Similar	gray/ salt and pepper color is similar; length, growth pattern and distribution, and thickness is similar, however the unknown's hair appears to be denser but this can be attributed to styling difference; hairline shape along the sides is similar, however then hairline along the forehead is difficult to compare due to the manner in which the known's hair is laying, however the curved shape appears to be similar; the tonality distribution is consistent, specifically the graying above the temples

Features Observations Response Summary - Q7 Hair		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	54 (88.5%)	
Dissimilar	2 (3.3%)	
Inconclusive	3 (4.9%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q7: Table 4.7(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Minimum protrusion on known and unknown. Shape and length of the forehead is similar. Luminance of the forehead is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The width and length of the forehead is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Forehead size and shape appears similar, including the brow line. There are 2 horizontal creases on both foreheads, bottom crease on left side ends at a facial mark/ bump on both subjects.
8BND4V	Similar	brow ridge prominence appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size and shapes of foreheads as well as contouring of forehead, both have similar frontal lines in positions and curvatures, both have a vertical glabellar line coming up on forehead at similar angle and similar position
9WM27B	Similar	forehead width and height appear similar. Frontal line placement depth and length are similar.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Similar	Forehead shape
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar wrinkles, length to hairline
BGZVPT	Similar	Similar in area. Hairline is similar. Both have marks and lines that are in alignment
BVKBTR	Similar	divot between eyebrows similar,
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Shape of known's forehead appears a little distorted due to quality of image. Both have some forehead lights in the same position as well as a mark on the left side of the forehead.

Image Set Q7: Table 4.7(e) - Forehead

WebCode	Observation	Feature Notes
E2YXFT	Similar	Shape and brow ridges seem similar
E7JQ38	Similar	Similar side hairline shape.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar height, width, and brow ridge prominence
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar forehead shape and size. Cannot fully see creases in unknown to compare. Both have a mark on the left side of the forehead on the bottom crease.
HVURP4	Similar	Consistent in width and length. The brow ridge is consistent in location and the frontal creases are also consistent. There is a crease in between the brows that is consistent and a mole/bump in the right brow.
J4778Z	Similar	frontal lines are similar
JEFCV2	Similar	2 creases appear similar in location and relationship to one another, with similar mark, crease and mark inbetween eyebrows similar in location, depth and relationship on lateral side
KCVE8G	Similar	KNOWN: has a forward pitch to the head making the forehead appear slightly bigger than normal/natural. There are 3, evenly spaced, parallel lines/creases across the full width of the forehead. At the left end of the lowest forehead crease, closest to the left temporal area on the top end of the brow ridge, there is a mark/bump/small round raised area. The forehead is squared and high in shape UNKNOWN: There appears to be very faint 3, evenly spaced, parallel lines/creases across the full width of the forehead. The forehead crease closest to to the top of the forehead and hairline is barely visible. At the left end of the lowest forehead crease, closest to the left temporal area on the top end of the brow ridge, there is a mark/bump/small round raised area. The forehead is squared and high in shape.
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have similar frontal lines, they have a facial marking on the L side of forehead and the edge of the lower frontal line (mole?), both have a similar protrusion of the brow ridge near the front of the face.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The forehead appears to have a similar rectangular shaping. There is a similar indent in the middle of the forehead. There appears to be more texture on the known, but this could be due to lighting/imaging conditions.

Image Set Q7: Table 4.7(e) - Forehead

WebCode	Observation	Feature Notes
QFUJLW	Similar	Similar in width/length. Frontal lines are similar in shape/location. There is a small bump located on the left side of the forehead. It is similar in location/size/shape. Glabellar lines are similar in size/location/prominence. There is a bump on right glabellar line, directly at the start of the right eyebrow similar in size/shape/location.
QKRZZB	Similar	The shape of the forehead appears to be similar. The width and length of the forehead appears to be similar between the probe and candidate. The brow ridge of the probe and candidate appears to be consistent.
QT8L8U	Similar	Width of the forehead appears similar. The height of the forehead is obstructed by hair in the known image.
QY9X6C	Similar	Size/width is similar, frontal lines are similar in location/size/shape, mark on the side of the left forehead is similar, brow ridge is similar
RJB49C	Similar	Forehead is consistent in shape, including distance from hairline to eyebrows.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Unable To Compare	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	shape of forehead appears to be consistent between subjects - frontal lines on forehead appear to be consistent between subjects
UGXDTR	Similar	similar overall forehead height; similar brow ridge prominence; similar frontal lines present in shape and prominence even though more prominent in known, but believe to be due to lighting; similar facial mark in shape, size and relative location to the lower left end of the lower middle frontal line; similar facial marks laterally to the previously annotated facial mark; similar shape and prominent single vertical glabellar crease
VGDWFB	Similar	Brow ridges
WK96YB	Similar	
X2TF24	Similar	Forehead appears similar in relative width; appears slightly longer in U, may be due to pose; slope of forehead appears similar in both; frontal lines in similar location/depth; facial mark on left side of forehead similar in size/shape/location; brow ridges appear more prominent in K, may be due to pose/subject to camera
Z9L8L3	Similar	Forehead is similar shape and size. Two horizontal creases, one vertical crease and two facial marks are observed in the same location, same size in both known and unknown.
ZCKK6L	Similar	rectangular shape, size, flat contour, and musculature is similar; circular depression in the center of the forehead is similar; bulging musculature above the medial ends of the brows is similar; both have two parallel frontal lines that span the entire width and are consistent in shape; the known has a third frontal line visible that the unknown doesn't and they are more prominent, but this difference could be attributed to lighting or sun exposure differences; both have a round, raised, skin-toned colored mark at the end of the lower frontal line on the left side

Features Observations Response Summary - Q7 Forehead		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	60 (96.8%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q7: Table 4.7(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Knowns eyebrows appear to be thicker. Eyebrows have a similar arch. Growth pattern is similar. Distance from the eyes is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The eyebrow shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have light colored eyebrows. Right eyebrow on both subjects appears to be same shape and gets lighter on the outer edge on both subjects.
8BND4V	Similar	shape/curve of eyebrows appears similar; relation of medial ends of eyebrows relative to medial canthi of eyes appears similar
8FHQAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	similar width in middles, similar starting positions at medial ends, similar mark at medial end of right brow in similar position
9WM27B	Similar	Grooming, growth pattern and thickness of eyebrows is similar. lateral eyebrow placement in relation to lateral canthus of eye is similar.
A4GTRA	[Not Reported]	Similarities include:; Shape; Position - medial portion; Asymmetry - L sits higher than the R Dissimilarities include:; Size; Position - lateral portion (expression); Density of hair Not comparable: Conjoined; Hair details
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	same thickness, length and shape
BGZVPT	Similar	Similar shape, color, and thickness.
BVKBTR	Similar	
BYKLNLR	Similar	
CBAKDA	Similar	
D2JEVW	Dissimilar	
D3D3DQ	Similar	Color of eyebrows is very light in both and the placement and shape are very similar. There is a mark above the right eyebrow in both images.
E2YXFT	Similar	Texture and hair density seem similar

Image Set Q7: Table 4.7(f) - Eyebrows

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar eyebrow shape, size, tone and distribution.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	eyebrow hairs are light and lack a defined shape. Similar darker area of hair growth near inner portions of eyebrows.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Hard to compare due to blurriness of Unknown. Neither have a lot of hair in the eyebrow. Known's appear fuller and the shape is more rectangular. The Unknown's appear more curved but that could be due to smiling.
HVURP4	Similar	Similar in color and hair growth pattern and location to the bridge of the nose.
J4778Z	Dissimilar	appear different
JEFCV2	Similar	similar thickness, lightening in color in same areas
KCVE8G	Similar	KNOWN: There is a slight depression in the glabella area, just between the eyebrows that has a slight slant toward the right side and is consistent between both the known and unknown images. The brows are short in length across the brow ridge. Known subject has relaxed eyebrows with the arch of the eyebrows being lower than on unknown subject image. UNKNOWN: Due to the slightly blurred/out of focus image it is difficult to see the exact direction of the hair growth. The brows are short in length across the brow ridge and have a high arch, upward curve. The shadowing/light and dark areas are consistent and have the same shape and/or similar growth pattern appearance as on known image. The unknown subject has an exaggerated expression with raised eyebrows. Both unknown and known's eyebrows are light in color and texture and are consistent in width, length and shape. There appears to be a mole, bump, freckle or scar that is consistent in color with the rest of the facial skin, beginning of the top of the right eyebrow, and appears consistent on both images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have similar thick brows with a vertical glabellar line near the midline of the face. Both have a facial marking over the medial edge of the R brow (mole?) and one at the lateral edge of the R brow (mole?)
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The eyebrows appear to have a similar darker medial area and get lighter laterally. There appears to be a similar thick and rounded arc two both sets of eyebrows. The texture seems more rugged on the known but that could be due to differences in grooming.

Image Set Q7: Table 4.7(f) - Eyebrows

WebCode	Observation	Feature Notes
QFUJLW	Similar	Eyebrows are similar in thickness/shape/color.
QKRZZB	Similar	The growth pattern of the eyebrows appears to be similar. AS well as the thickness, along with the color of the eyebrows.
QT8L8U	Similar	Protrusion of the brow ridge, color, density, grooming, and distance between the inner corners of the eyebrows appear similar.
QY9X6C	Similar	Shape is similar, color is similar, texture is similar, distance apart is similar, mark near the right eyebrow is similar, vertical glabellar line is similar in location/size, distance to eyes is similar, distance to lateral canthus is similar
RJB49C	Similar	Similar in style, color, and length.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	brows appear to be similar in color, growth and shape - frontal glabellar crease appears to be consistent between subjects - brow ridge appears to be consistent between subjects
UGXDTR	Similar	similar varying hair tone between darker brown towards the medial ends and blonde towards the lateral ends; similar contour and shape; similar facial mark in shape, prominence and location towards the medial end of the right eyebrow; similar medial distance between eyebrows; similar facial marks towards the lateral ends of the right eyebrows
VGDWFB	Similar	Shape, size
WK96YB	Similar	
X2TF24	Similar	Eyebrows appear thicker in K, similar in shape and hair details, similar in variation of color of eyebrows; similar width apart; similar mark above right eyebrow in shape/location/size
Z9L8L3	Similar	Very light in color, growth, shape and size is similar.
ZCKK6L	Similar	shape, thickness, color, growth distribution, and compact length is consistent; approx. distance between the medial ends, distance from the lateral ends to the hairlines, and close proximity to the eyes is similar; the density of the medial ends is similar; both have one singular vertical glabellar line in the center that is slanted to the right, which is similar in length and prominence; both have a round, raised, skin-toned colored mark at the medial end of the right brow

Features Observations Response Summary - Q7 Eyebrows		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	56 (90.3%)	
Dissimilar	4 (6.5%)	
Inconclusive	2 (3.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q7: Table 4.7(g) - Eyes

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Similar	Unknowns eyes are squinted. General shape of the eyes is similar. Fold of the upper eyelids are similar. Shape of the medial canthus is similar
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The eye size is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Unknown has a large smile which pushes cheeks upwards and makes eyes smaller/ squintier. Right eye is hooded and left eye eyelid is visible on both subjects. Known has a more neutral expression and his eyes are very large with very dark colored eyes, hard to distinguish a pupil from the iris.
8BND4V	Dissimilar	Known(1) may be wearing contacts or have some kind of effect on eyes, pupils appear enlarged
8FHAQ2	Dissimilar	that one is laughing and other's facial expression is notral restricts eye-comparison, known seems to have contact lenses or a kind of photo manipulation
8T7EYX	Unable To Compare	
9NAAFD	Similar	similar shapes despite unknown is squinting, similar medial canthus shapes, similar eyelid shapes, similar under eye line curvatures
9WM27B	Dissimilar	Eye color is dissimilar (see: alterations below). presence of upper right eyelid is similar. medial canthus shape and slope appears similar. thickness of lower eyelid appears similar.
A4GTRA	[Not Reported]	Similarities include: Inter-canthal distance; Eye fissure opening: angle; Asymmetry - right eye appears more hooded than the left in both images Dissimilarities include: due to facial expression; Eye fissure opening: shape; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle Not comparable: Interpupillary distance; Lash characteristics; Eyeball prominence; Iris: irregularity of iris
A8F4MA	Similar	Inter-canthal distance, Right and left upper eyelid, Right and left eye medial canthus
A9BMPB	Inconclusive	Contact lenses, different expression – contextual dissimilarity
AE2ZQY	Inconclusive	Probably dark lenses in the known images.
AQVDNB	Similar	
BF6CMR	Inconclusive	unk sub is squinting, other has eyes wide open. Color seems off
BGVPT	Inconclusive	Unknown is squinting due to expression change. However, both have similar palpebral crease

Image Set Q7: Table 4.7(g) - Eyes

WebCode	Observation	Feature Notes
BVKBTR	Similar	appears to be wearing black or dark contacts on known image. Age of known must be younger than unknown. similar right edge of right eye. similar eyelid shapes,
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	medial canthus, lateral canthus, upper eyelid, crease similar
D3D3DQ	Similar	Eyes lids appear similar, but unknown's eyes are nearly closed so difficult to compare much else.
E2YXFT	Dissimilar	Expression and distortion makes it difficult to compare, eyelashes seem similar, but iris is different
E7JQ38	Dissimilar	Dissimilar eye shape, size and asymmetry, iris placement and iris diameter relative to eye opening, medial and lateral canthus shape and size.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Similar	similar hooded eyelids, similar distance between eyebrow and eye fissure. expected dissimilarities due to perspective distortion
FG99H7	Inconclusive	
GM7H34	Dissimilar	
H7ZBPM	Similar	The left eye in both have a visible superior palpebral crease above the eyelid. The right eye in both have a superior palpebral crease that dips to meet the eyelid over the iris. Cannot compare much else due to unknown squinting.
HVURP4	Similar	Canthus is similar in shape and location, but the eyes themselves are hard to determine as the known image is wide open and the unknown image is squinting.
J4778Z	Dissimilar	the medial canthus appears similar but due to possible contacts the sclera, color, and shape all appear different
JEFCV2	Dissimilar	eyes look darker in known (brown) vs unknown (blue), creases vary on lid and around crow's feet
KCVE8G	Dissimilar	KNOWN: Eyes appear unusually/unnaturally dark, almost black in color and/or dilated. The very outer edge of the iris appears brown-ish in color. The inferior palpebral sulcus and nasojugal sulcus is consistent in fullness, shape, size, lines/creases and weight. UNKNOWN: Unknown has a happy expression/exaggerated facial expression causing the eyes to squint. The cheeks are slightly raised and creases around the eyes more visible. The intercanthal distance, superior eyelid crease, palpebral fissure contour, lateral canthal angle, and medial canthal angle all appear similar. The overall size of the eye socket appears consistent to known subject. It is difficult to distinguish eye color.
KRWGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	K appears to have some solid colored contacts in both eyes. There is a difference in expression. Both appear to have deep superior palpebral creases and similarly shaped inferior palpebral creases and infraorbital creases.

Image Set Q7: Table 4.7(g) - Eyes

WebCode	Observation	Feature Notes
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Inconclusive	
PT369V	Dissimilar	
QCV8PW	Similar	There is an expression change in the unknown which is causing the features to appear compressed. The intercanthal distance appears to be similar on both subjects. The left eye appears to be more medial than the right on both subjects. The apex of the superior palpebral crease appears to be in a similar location. The contour of the inferior palpebral crease appears similar. The lateral portions of the eyes have a similar downward angle which is visible in both subjects even with the expression change.
QFUJLW	Similar	Eyes are similar in shape. Superior/inferior palpebral is similar in size/shape/location/contour. Medial/lateral canthus is similar in shape. Periorbital creases are similar in shape/location.
QKRZZB	Similar	The shape of the left and right medical canthus appears to be similar between the probe and candidate. The candidate could be wearing colored contacts.
QT8L8U	Dissimilar	Similarities: medial canthus, lateral canthus, right superior palpebral crease, visible right eyelid, thickness of the lower eyelid. Dissimilarities: eye color, lack of pupil in the known image. The known image appears to be wearing contacts, presence of the sclera, shape of the left superior palpebral crease.
QY9X6C	Similar	Shape/size appears to be smaller in the unknown due to expression, superior palpebral creases is similar, unknown inferior palpebral creases are more due to expression, crows feet are more visible in the unknown due to expression, eye lid size is similar, medial canthus shape/size is similar, more of the sclera is visible in the known due to expression
RJB49C	Dissimilar	Difference in size and visible lines at corners due to expression. Similar in spacing and folds over upper eyelids.
RTFBMC	Similar	difference in expression
T9A37R	Similar	Known and unknown right superior palp crease reveals a small portion of the eyelid while the other eye reveals an even amount.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZZD	Dissimilar	
U8BE68	Similar	eyes appear to differ in expression - unknown appears to have more squinted eyes causing the creases around the eyes to appear more prominent - eyes of the known appear to be larger which is likely due to the subject to camera distance
UGXDTR	Similar	known's irises appear darker in color and larger, but the known also appears to be wearing contacts that could be obscuring this feature; similar overall size; overall similarity in shape and symmetry despite expression difference; similar superior palpebral crease shape and prominence; similar prominence to right upper eyelid covering superior palpebral crease; similar medial and lateral canthi shape; unknown has more prominent crow's feet, inferior palpebral and infraorbital creases, but believe difference to be due to expression difference

Image Set Q7: Table 4.7(g) - Eyes

WebCode	Observation	Feature Notes
VGDWFB	Dissimilar	Color and size of Iris ,
WK96YB	Dissimilar	
X2TF24	Inconclusive	Size of eyes appear larger in K; eyeballs appear more prominent on K; superior palpebral creases appear similar in shape; upper eyelids appear similar in size; medial canthi appear similar in shape; eyelashes appear similar in angle and details; iris color appears dissimilar, darker in K, may be contact lenses/lighting; periorbital creases appear similar in location, dissimilar in quantity and prominence, may be due to expression; intercanthal distance appears similar
Z9L8L3	Similar	The known's eyes appear very dilated so a comparison is difficult. The eyelids and how they fall are similar- slightly hooded.
ZCKK6L	Similar	approx. intercanthal distance and degree of hoodedness is consistent; shape of upper and lower eyelid and almond fissure shape is similar, however unknown's fissure is smaller due to the squinting expression displayed; shape of the superior and inferior palpebral creases is similar; unknown is displaying several periorbital creases that the unknown is not, however this can be explained by the expression difference

Features Observations Response Summary - Q7 Eyes		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	24 (39.3%)	
Dissimilar	20 (32.8%)	
Inconclusive	11 (18.0%)	
Unable to Compare	5 (8.2%)	
Not Applicable	1 (1.6%)	

Image Set Q7: Table 4.7(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Unable To Compare	
2XLVQ2	Similar	Fullness of the cheeks appear to be similar, difference in expressions.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Inconclusive	One of the individual's cheek looks wider but due to the person smiling, a conclusion cannot be made.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Inconclusive	Due to expression change (large smile), unknown cheeks are very pronounced.
8BND4V	[Not Reported]	difference in expression has cheeks of Unknown(2) more pulled up, appearing fuller
8FHQAQ2	Similar	
8T7EYX	Unable To Compare	
9NAAFD	Similar	similar shapes near medial ends despite difference with unknown smiling and known's being flat, similar contouring in right cheek toward top
9WM27B	Similar	height and fullness of cheeks, considering expression, appears similar.
A4GTRA	[Not Reported]	Dissimilarities include: (facial expression) Cheekbone prominence; Cheek shape; Dimples
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	thin cheeks, similar marks on left cheeks
BGZVPT	Similar	There is an expression change. Both have similar markings in the same area of cheeks
BVKBTR	Inconclusive	hard to compare due to lens distortion and expression.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Dissimilar	Known's cheeks appear thinner, could be weight loss but likely due to distortion in the image.
E2YXFT	Inconclusive	Difficult to compare because known image seems to be distorted due to camera being too close at the time of capture

Image Set Q7: Table 4.7(h) - Cheeks

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar cheek minimal bone prominence.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Similar	similar shape
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hard to compare due to Unknown smiling. Both have a freckle in the middle of the left cheek. No dimples present in either.
HVURP4	Similar	Similar in length and puffiness in the upper cheek region. There is a mark that is consistent in both images on the left upper cheek area.
J4778Z	Dissimilar	due to expression appear different.
JEFCV2	Dissimilar	unknown more puffy/curved (could be due to expression), some marks not consistent in location
KCVE8G	Similar	KNOWN: Has a neutral facial expression, muscles of the cheeks are relaxed. UNKNOWN: Eyes are open and have a happy expression with cheeks slightly raised. The structural contour of the cheekbones are consistent with known image. Cheeks are similar in weight and shape. There are two faint marks, one parallel to the ala of the left nostril on the center of the left cheek and a second small mark parallel to the top of the right ala on the center of the right cheek that appears consistent on both known and unknown images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have very slight protruding zygomatic bones and have flatter cheeks. Both have similar round facial marking on front of L cheek. Quality of Unk does not allow for fine detail comparison. K has small linear facial mark just L of nose, possible scar.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Unable To Compare	
QCV8PW	Similar	The unknown cheeks appear to be fuller, but this is likely due to the expression change. The shape appears consistent given the expression change. The lateral portions of the lower section of the cheeks appear to have a more rounded shaping on both subjects.
QFUJLW	Similar	Cheeks are similar in flat shape/location. Facial marking on the left cheek is similar in location/size/shape.
QKRZZB	Similar	The shape of the cheekbones appears to be similar between the probe and candidate.
QT8L8U	Similar	Height of the cheek bones appears similar.

Image Set Q7: Table 4.7(h) - Cheeks

WebCode	Observation	Feature Notes
QY9X6C	Similar	Cheeks are fuller in the unknown due to expression, mark on the left cheek is similar, the unknown has some creases on the right cheek that are not visible in the known due to expression, length appears to be longer in the known due to expression and closeness to camera
RJB49C	Similar	Cheeks are less full on known opposed to unknown. Freckle on the left cheek is consistent on both.
RTFBMC	Similar	difference in expression
T9A37R	Similar	
TLDKJC	Unable To Compare	
TQ9EET	Similar	
U67Nzd	Dissimilar	
U8BE68	Similar	cheeks appear to differ in shape, due to difference in expression - facial marks can be seen on the cheeks of both subjects that appear to be consistent in shape and size - nasolabial folds appear to start and stop around the same relative locations
UGXDTR	Similar	unknown's cheeks appear more full, but believe difference to be due to expression difference and known image distortion; similar facial mark in prominence and relative location on the left cheek
VGDWFB	Similar	Cheekbone, cheek shape
WK96YB	Dissimilar	
X2TF24	Similar	Zygomatic bones appear similar in prominence, cheek shape and fullness appear similar; facial mark on left cheek appears similar in size/color/location
Z9L8L3	Similar	Cheeks are similar in shape, facial marks are in similar places. No obvious dissimilarities.
ZCKK6L	Similar	shape and small size is similar, however the known's appear to be flatter whereas the unknown's are rounded and bulged up and the cheekbones are more prominent, but this can be attributed to the expression difference; both have a facial mark near the left nasolabial fold, that is similar in shape, size, and color

Features Observations Response Summary - Q7 Cheeks		Total Participants: 61
Response	Percent Reported	
Similar	41 (67.2%)	
Dissimilar	6 (9.8%)	
Inconclusive	8 (13.1%)	
Unable to Compare	4 (6.6%)	
Not Applicable	2 (3.3%)	

Image Set Q7: Table 4.7(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	Different camera focal length.
2XLVQ2	Similar	Length and width of the nasal body is similar. Curvature of the nostrils are similar. Tip of the nose curves to the left on known and unknown. Left and right ala are found in similar locations and connect in a similar way.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The curve of the nose is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	The bridge of both noses is flat on top and curves to the left near the tip of the nose. Known nose appears wider, this could be due to being closer to the camera.
8BND4V	Dissimilar	nasal tip of Known(1) appears more bulbous than Unknown(2), could be weight difference; both have similar slight angle to left of nose
8FHAQ2	Similar	nose edge is right-nasal tip angle is leftward
8T7EYX	Inconclusive	
9NAAFD	Similar	similar width at nasal root, similar turn toward left down through body, similar width at base, similar ala shapes, similar tip shape
9WM27B	Similar	nasal body is similar in weight and length. the nose of both seems to slope slightly to the left and this is observed in both images. the shape and thickness of the alae appear similar. the shape of the nostrils and where the nostrils connect to the nasal base appears similar.
A4GTRA	[Not Reported]	Similarities include: Nasal outline: shape, length, width; Nasal body: shape, angle, contour; Nasal tip: angle; Nasal base: width, height; Asymmetry and deviation - nose deviates to the left. right ala sits higher than the left in both images Dissimilarities include: (due to distortion and facial expression) Nasal outline: prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length; Nasal tip: shape; Nasal alae: thickness, shape; Nostrils: shape, size Not comparable:; Nostrils: hair; Columella: width, length, relative position
A8F4MA	Similar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose)
A9BMPB	Similar	Similar asymmetry
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar structure, crooked to subject's left. pointy tip on both
BGZVPT	Similar	Similar in size and shape
BVKBTR	Similar	Nose shape/bridge similar, both have slight curve to left,
BYKLNK	Similar	

Image Set Q7: Table 4.7(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Nose appears dissimilar possibly due to known's position of the head. Known seems to be looking down making the nose appear longer. Possible distortion in the image could be making the known's nose appear wider as well.
E2YXFT	Inconclusive	Bridge of the nose seems similar, but due to distortion of known image nasal body and base seem less defined compared to unknown image
E7JQ38	Similar	Similar nose bridge shape and nose body left slant.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	expected dissimilarities due to perspective distortion; nose angles left, wider bridge area near base of nose, rounded tip, similar alar thickness
FG99H7	Similar	
GM7H34	Dissimilar	
H7ZBPM	Similar	Both have a slight bend in the nasal body. Known appears to have a wider nasal body due to fishbowl effect. Nasal base similar in width. Nostril similar in thickness
HVURP4	Similar	Similar width and length of the bridge and the shape of the nostrils. the bridge has a slight curve to the right that is consistent in both images.
J4778Z	Similar	appears slightly different in bulbousness
JEFCV2	Dissimilar	nose bridge shape is inconsistent, known nasal tip curves to side, don't see in unknown.
KCVE8G	Similar	KNOWN: Nostrils are relaxed, neutral shape/contour/expression. The tip of nose appears round and slightly bulbous. The width of the root of the nose is consistent with the width of the root of the unknown's nose. The bridge of the nose is flat and wider at the top between the eye and narrows as it extends to the tip. The nose has a very slight turn to the UNKNOWN: Nostrils are flared due to the facial muscles around the mouth and cheeks being raised due to what appears to be a smiling, happy facial expression.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Lighting and capture angle could account for difference, K appears to have a more rounded nasal tip. Both appear to have similar nasal root widths, Unk appears to have a thinner nasal body.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	Different position
PT369V	Similar	

Image Set Q7: Table 4.7(i) - Nose

WebCode	Observation	Feature Notes
QCV8PW	Similar	The nasal root appears to have a similar flat and angled shaping on both subjects. The nasal body appears to have a similar angling to the left but a difference in thickness which could be due to weight or aging. The nasal tip appears to have a similar angle in both subjects. The nostrils appear to have a similar asymmetry with the left being higher. The general shaping of the nostrils appears similar given the expression change.
QFUJLW	Dissimilar	Nasal root is similar in width. Nasal body is similar in length but not in width. The width of the Candidate's nose is much smaller than the Probe's. Also the Candidate's tip is much smaller. Both of these could be due to a nose job. Nasolabial folds are similar in size/shape/location
QKRZZB	Similar	The overall shape of the nasal body appears to be similar. The shape of the nasal base appears to be consistent as well. The shape of the nostril between the probe and candidate appear to be similar.
QT8L8U	Similar	The shape of the nasal body which runs slightly to the left, thickness of the alae, thickness of the nasal root appears similar. The nasal tip appears dissimilar- it appears more bulbous in the known image.
QY9X6C	Similar	Length of nose is similar, nose tilts to the left in both that is similar, nasal base looks wider due to expression in the known, nostrils are not fully visible to compare, nasal root is similar in size, the unknown has more red on the nose that could be due to lighting or sun exposure, bridge of nose has a white strip near the nasal root that is similar, bridge of nose appears more pointy in the unknown that could be due to expression or weight, nasolabial folds are similar
RJB49C	Similar	Nose appears wider on known as opposed to unknown, likely due to lighting. On both, the nose is slightly offset to the left at the tip. Nose also narrows from the bridge to the tip on both.
RTFBMC	Similar	distinct curve to left
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	general shape of the nose appears consistent - though the known nose appears to have a more rounded nasal tip due to camera distance to subject
UGXDTR	Similar	similar nasal root width; unknown's nasal bridge appears slightly more narrow, but could be due to lighting differences causing more definition; unknown's nasal tip appears more wide, but believe to be due to expression difference; similar bulbous shape and protrusion to nasal tip; similar nasal alae shape and attachment; unknown has more prominent nasolabial folds, but believe difference to be due to expression difference
VGDWFB	Similar	Overall shape , nasal body (width, length, shape)
WK96YB	Similar	
X2TF24	Inconclusive	Nasal root appears similar in width and protrusion; nasal body appears similar in deviation to the left, appears a bit more defined in U, may be due to lighting/pose; nasal tip appears more bulbous; alae appear similar in thickness; right nostril appears similar; left nostril appears larger in U than K, may be due to angle

Image Set Q7: Table 4.7(i) - Nose

WebCode	Observation	Feature Notes
Z9L8L3	Inconclusive	Nose appears thinner and nasal tip is more pointed in unknown. Both noses curve slightly to the left. The width of the nostrils appears similar.
ZCKK6L	Similar	disregarding the enlargement due to the distortion, shape, size, and leftward slant is similar; width, flatness, and depth of the nasal root, width, length, and slant of the nasal body, rounded nasal tip, width of the nasal base, shape and size of the nostrils, and ala shape and thickness is consistent; short length and asymmetric beginning location of the nasolabial folds is similar; shape of the nasolabial folds is dissimilar, but this can be attributed to the expression difference; both have a raised prominent skin colored facial mark between the right nasolabial fold and corner of the mouth

Features Observations Response Summary - Q7 Nose		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	49 (79.0%)
	Dissimilar	6 (9.7%)
	Inconclusive	6 (9.7%)
	Unable to Compare	1 (1.6%)
	Not Applicable	0 (0.0%)

Image Set Q7: Table 4.7(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	The size of the ears is similar. Curvature of the left and right helix is similar. Curvature and prominence of the antihelix is similar. Earlobes have a similar curvature.
3UFTE6	Similar	
44J8XH	Inconclusive	
474EX6	Dissimilar	The degree of ear visibility is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Unknown ears are more visible than known ears, this could be due to known being closer to the camera. The outline of the right ear appears to be the similar shape on both subjects.
8BND4V	Similar	visible shape of left lobe appears similar; similar thickness/curve of visible left/right helix; curve/prominence of left/right antihelix similar; overall shape of outlines of ears appear similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar sizes and positions on head, similar helix shapes, similar earlobe shapes, similar antihelix shapes in both ears in known and unknown
9WM27B	Similar	The shape of the helix of both appears similar. the protrusion of the anti helix also appears similar. the overall shape and size of the ears appears similar.
A4GTRA	[Not Reported]	Similarities include: Asymmetry - left ear sits slightly higher than the right in both images; Overall ear: size, shape angle; Helix: size, shape; Antihelix: size, shape; Scaphoid fossa: size, shape; Lobe: shape, attachment Dissimilarities include: Ear protrusion (subject to camera); Lobe: size Not comparable: (not observed in one or both) Tubercles: size, shape, quantity; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Similar	Overall right ear, Overall left ear, Right and left ear helix, Right and left ear antihelix, Right and left ear lobule (lobe)
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar shape and lobes
BGVZPT	Similar	Unknown stick out more than the knowns but the details of the ears are similar

Image Set Q7: Table 4.7(j) - Ears

WebCode	Observation	Feature Notes
BVKBTR	Similar	due to camera angle being close ears that stick out appear more flat to face.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVV	Similar	helix, anti-helix, lobe similar
D3D3DQ	Similar	Shapes of ears appears similar, but the known's ear appear to be "pinned back" due to possible distortion in the image.
E2YXFT	Similar	Helix (especially the right ear helix) seem similar on both images
E7JQ38	Similar	Similar helix, tubercle and scaphoid fossa shape and lobe attachment.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar length; Right: prominent fold in upper helix and dip in upper helix. antihelix shape and thickness similar. Earlobe angle similar./ Left Ear: prominent fold in upper helix, antihelix shape and thickness similar, earlobe size and angle similar
FG99H7	Inconclusive	
GM7H34	Dissimilar	
H7ZBPM	Similar	both have a bump in the helix on the right side. Both have large lobes that are attached to the head. Both have thicker antihelix
HVURP4	Similar	Similar in length and placement. The right helix has a curve that is consistent, and the left helix is smooth and consistent. The lobe is full and attached in both images.
J4778Z	Inconclusive	due to fish bowl they appear different, but some similarities can be found
JEFCV2	Similar	similar features, differences may be due to camera angle/distance
KCVE8G	Similar	KNOWN AND UNKNOWN: consistent in contour, shape, size, placement and protrusion from head. The contour of the helix, scaphoid fossa, scapha, concha, antihelix, earlobes, superior crus and inferior crus are all consistent in contour, size and shape on both right and left ears of known and unknown.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Similar	Similar asymmetry to helices on R ears, both appear to have small ears with similar feature placement and size of helices, lobes, anti-helices, and scaphoid fossa.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q7: Table 4.7(j) - Ears

WebCode	Observation	Feature Notes
QCV8PW	Similar	The right ear appears to have a similar notch near the top of the helix. The right antihelix appears to have a similar shaping and prominence. The right lobe appears to have a similar angled point. The left ear has a similar angled superior portion of the helix. The antihelix appears to have a similar contour and prominence. The lobe of the left ear appears to be less angled than the right on both subjects.
QFUJLW	Similar	Helix is similar shape. Anti-helix is similar in size/shape. Lobe is similar in size/shape.
QKRZZB	Similar	The shape of the left and right lobes appear to be consistent between the probe and candidate. The shape of the helix on the left and right ear appear to follow a similar path between the probe and candidate. The shape of the antihelix looks to be similar as well
QT8L8U	Similar	The helix, antihelix, protrusion from the head, placement on the face in comparison to the eyes and nose, anti tragus appear similar.
QY9X6C	Similar	Helix size/shape is similar, size/shape/placement is similar, antihelix is similar in shape/size, ear lobes are similar, right scaphoid fossa is similar in size, right size isn't available due to angle
RJB49C	Similar	Ears are consistent in shape and length, including bend in upper right ear's outer edge.
RTFBMC	Similar	slightly more protruding in one image
T9A37R	Similar	Both have bent Helix of the left ear.
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	outline of the ears appears consistent between subjects with consideration of the subject to camera distance - the structure of the inner portion of the ears appear to be consistent
UGXDTR	Similar	similar overall size; similar protrusion from face despite apparent known image distortion; similar upper helix thickness and shape; similar anti-helix shape and prominence; similar ear lobe shape, thickness and attachment
VGDWFB	Similar	Right ear tubercles (shape)
WK96YB	Similar	
X2TF24	Similar	Right ear shape of helix, antihelix, and lobe appear similar, protrusion of antihelix appears similar; Left shape of helix, antihelix, and lobe appear similar; ears appear more protruded in U, may be due to pose/subject to camera/fisheye
Z9L8L3	Similar	The ear shape and size are similar in both. The curvature is similar as well. No dissimilarities noted.
ZCKK6L	Similar	overall shape and size are similar; degree of protrusion appears to be dissimilar, but this can be attributed to the fishbowl distortion, causing the known's ears to appear closer to the head; shape and thickness of the anti-helices is similar; shape of the helix and scaphoid fossa is similar

Features Observations Response Summary - Q7 Ears		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	56 (90.3%)	
Dissimilar	2 (3.2%)	
Inconclusive	4 (6.5%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q7: Table 4.7(k) - Mouth

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Similar	There is a difference in expressions. Lips are fairly thin on known and unknown. Crease on the lower lip is similar, more prominent on the known possibly due to the difference in expressions.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Inconclusive	The fullness of the lip is similar but since one of the individuals is smiling, a conclusion cannot be made.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a very thin/ almost invisible upper lip. Both subjects have a vertical crease just off center on the bottom lip.
8BND4V	Similar	difference in expression, Known(1) has more neutral closed-mouth expression while Unknown(2) has smiling expression with raised cheeks and upper teeth visible; both have similar thin upper lips that appear to follow similar shape of curve and similar cupid's bow; appear to have similar shape to curve of lower lip
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	similar fissure curvature, similar bottom lip size and shape, similar top lip size and shape, known has mouth closed and unknown has mouth open smiling, similar assymetrical mouth end shapes and sizes on left and right side
9WM27B	Similar	Mouth fissure, thickness and protrusion of the lips, upper vermillion border appear similar. Overall shape and size of mouth is similar. Teeth cannot be compared due to expression of known.
A4GTRA	[Not Reported]	Dissimilarities include: (due to facial expression) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermillion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermillion border shape, detail; Lip fissure: shape, degree of contact, angle Not comparable: Asymmetry; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Similar	Upper lip, Lower lip
A9BMPB	Similar	Thin lips esp. upper lipp
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	both have very thin upper lip
BGVPT	Similar	Unknown is smiling but the shape of the slips are similar

Image Set Q7: Table 4.7(k) - Mouth

WebCode	Observation	Feature Notes
BVKBTR	Similar	top lip similar shape, can't tell due to different expression.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Both have thin lips, the top being almost non-existent. Not much more can be compared due to difference of expressions.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar lip thickness, fullness and tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar very thin upper lip, lower lip similar size and has vertical crease in center; similar small philtrum
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Both have a barely visible top lip and a thicker bottom lip. Both have a facial mark above the right corner of the mouth.
HVURP4	Similar	Very thin upper lip. Distance from tip of the nose to the upper lip is consistent.
J4778Z	Inconclusive	similar upper lip thinness but due to expression there differences
JEFCV2	Similar	both show thin upper lip, similar mark above upper lip, expression change changes mouth area
KCVE8G	Similar	KNOWN AND UNKNOWN: both known and unknown have thin upper and lower lips. The unknown subject has an open mouth smile exposing the upper teeth and the lower lip is covering the lower teeth. The known subject's mouth is closed with a neutral facial expression. There seems to be a slight small line or crease in the center of the lower lip that is consistent on both unknown and known images. The superior and inferior vermilion border is consistent between unknown and known subjects. Despite the difference in expressions, the placement, width, height, contour and overall size of the mouth is consistent between known and unknown images.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Similar	Both have very similar thin lips but there is a difference in expression. Both have a medial sulcus in common placement. Both have a facial marking (mole?) over the R corner of the mouth. Both have similar nasolabial crease shape and placement.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	Big smile

Image Set Q7: Table 4.7(k) - Mouth

WebCode	Observation	Feature Notes
PT369V	Similar	
QCV8PW	Similar	The upper lip appears to be thin on both subjects with a shallow cupid's bows. The length of the philtrum appears to be shorter on the unknown however this is likely due to the change in expression. The lower lip appears to be thinner on the unknown however this is like due to the smile/change in expression. The fissure of the mouth appears to have a similar shaping/contour. The teeth are not available for comparison on the known.
QFUJLW	Similar	Lips are similar in thickness. Vermillion border is similar in shape/contour. Unknown is smiling. Teeth are showing. There is a bump directly above the right side of the mouth. It is similar in size/shape/color/location.
QKRZZB	Similar	The thinness of the upper lip on the probe appears to be similar to the candidate, even with the expression difference between the two individuals.
QT8L8U	Similar	The thickness of the lips, the shape of the lower and upper vermilion borders, mentolabial sulcus appear to be similar.
QY9X6C	Similar	Width of mouth appears wider in the unknown due to expression, mouth is open in the unknown showing teeth where the known is closed, expression is dissimilar, mark above the upper lip on the right side is similar, lip thickness is similar, philtrum is similar, tubercle of upper lip is similar
RJB49C	Similar	On both, the upper lip is thin and the lower lip a bit more full. A mole above the upper right corner is consistent.
RTFBMC	Inconclusive	drastic difference in expression
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67Nzd	Inconclusive	
U8BE68	Similar	relative lip thickness appear to be similar between subjects -expression differs - shape of upper lip appears to follow a similar contour
UGXDTR	Similar	unknown's mouth appears more wide, but believe due to expression difference; similar lip fullness; similar relatively flat upper lip shape and definition; similar facial mark on upper right lip; similar philtrum definition and width; similar mental labial sulcus shape and prominence
VGDWFB	Similar	Overall mouth ,upper lip (shape)
WK96YB	Inconclusive	
X2TF24	Similar	Overall size of mouth appears larger in U, may be due to expression; Distance from nasal base to upper vermilion appears longer in K, may be due to pitch change; upper vermilion border appears similar in shape, appears wider in U; fullness of upper and lower lip appear similar; medial sulcus appears similar in location and depth; lower vermilion border appears similar in shape; mentolabial sulcus appears similar in depth/size/location; mark present above upper lip on right side, similar in shape/size/color/location
Z9L8L3	Similar	Upper lip is slim in both and lower lip is similar in fullness/shape in both.

Image Set Q7: Table 4.7(k) - Mouth

WebCode	Observation	Feature Notes
ZCKK6L	Similar	size appears dissimilar due to the expression difference, however shape of upper and lower vermillion borders is similar; light pink color, and asymmetrical thickness of the lips, with the upper significantly thinner than the lower is consistent; shape of the left buccal crease and manner in which it connects to the nasolabial fold is similar

Features Observations Response Summary - Q7 Mouth			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	45 (72.6%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	12 (19.4%)	
	Unable to Compare	3 (4.8%)	
	Not Applicable	2 (3.2%)	

Image Set Q7: Table 4.7(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Curvature of the chin is similar. Similar crease on the lower part of the chin. Jawline has a similar angle.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The shape of the jawline is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Chin shape and jaw line appears similar on both subjects. Both subjects appear to have a small vertical dent/ crease in the center of the chin.
8BND4V	Similar	similar shape of chin; both have similar divot in chin; jawline appears to have similar angle
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar gonial angles on left and right side, similar chin shape, similar indentation in position on chin
9WM27B	Similar	Chin and jawline appear similar. Both appear to have a dimple in the chin that is in the same place and appears to be the same size and shape.
A4GTRA	[Not Reported]	Similarities include: Jawline: shape, definition; Asymmetry - right side is more squared than the left Dissimilarities include: (due to facial expression) Chin: overall shape, length, width relative of rest of face, prominence, details; Gonial angle: shape, definition
A8F4MA	Similar	Chin
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	both have pointy chin, dimple in chin
BGZVPT	Similar	Both are long squares off jawline and chin
BVKBTR	Similar	similar shaw and chin shape.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Chin is similar, there appears to be an indentation on the chin of both. Jaw shape appears similar, but the known's jaw appears thinner possibly due to distortion in the image.

Image Set Q7: Table 4.7(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Similar	Both have cleft chin, size of the chin is similar
E7JQ38	Similar	Similar chin shape and size.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar shape. Angle sharper in Known, but expected due to perspective distortion.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have a square chin that is similar in width. Both have a cleft chin crease.
HVURP4	Unable To Compare	Similar in shape and size. Both images have a consistent cleft in the center of the chin.
J4778Z	Similar	chin has a dimple that can be seen in both
JEFCV2	Dissimilar	unknown image is more stragittit on than known. known features covered with hair
KCVE8G	Similar	KNOWN AND UNKNOWN: Known subject has short, coarse, light in color facial hair stuble on chin, jawline, lower portion of cheeks and around the upper and lower lips. Unknown image is free from facial hair, and has smooth, clear skin. Both known and unknown subjects have a fissure in the lower jaw causing a dimple in the center of the chin, or cleft chin. The contour and gonial angle of the chin and jawline of both known and unknown images is consistent.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have similar small rounded chins with a small cleft and a slight gonial angle.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Unable To Compare	
QCV8PW	Similar	The chin appears to be asymmetric on both subjects. The mentolabial sulcus appears to have a similar depth which appear prominent because of the lower portion. The jawline appears to have a similar angle when given the difference in expression.
QFUJLW	Similar	Chin is similar in shape/size. Jawline is similar in size/shape/contour. Gonial angle is similar in shape. Cleft chin is similar in shape/location. Mentolabial sulcus is similar in size/shape/location
QKRZZB	Similar	The contour of the jawline between the probe and candidate appears to be similar. The shape of the chin appears to be consistent. Both the probe and candidate have a dimple in the chin.
QT8L8U	Unable To Compare	

Image Set Q7: Table 4.7(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Similar	Jawline appear longer in the known due to closeness to camera, chin shape/size is similar, dimple in chin is similar, chin protrudes outward and is similar in both, mark on the bottom of unknown chin that is not visible in the known due to beard growth, mentolabial sulcus is similar
RJB49C	Similar	Shape of the chin and jawline is consistent, to include a small dimple in the middle of the chin.
RTFBMC	Inconclusive	drastic difference in expression, angle of images
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	both subjects appear to have similar shaped jawlines with prominent chins and the presences of an indentation in the chin region
UGXDTR	Similar	similar jawline/gonial angle shape and prominence; similar dimple or crease in prominence and relative location on chin; similar shape and prominence to chin
VGDWFB	Similar	Overall shape (prommetry)
WK96YB	Similar	
X2TF24	Inconclusive	Chin appears wider in U, similar in shape in both; jawline appears more defined in K, may be due to pose/weight/fisheye, similar in shape
Z9L8L3	Similar	The chin and the jawline are similar. Slight cleft chin observed in the both.
ZCKK6L	Similar	soft angled shape, gonial angle definition, and elongated length of the jawline is similar, although the knowns appears to be longer due to pitch and distortion; width, height, rounded square shape, and prominence of the chin is similar; both have a dimple present in the center of the chin

Features Observations Response Summary - Q7 Chin/Jawline		Total Participants: 62
	Response	Percent Reported
	Similar	55 (88.7%)
	Dissimilar	1 (1.6%)
	Inconclusive	3 (4.8%)
	Unable to Compare	3 (4.8%)
	Not Applicable	0 (0.0%)

Image Set Q7: Table 4.7(m) - Neck

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the known.
3UFTE6	Unable To Compare	
44J8XH	Similar	
474EX6	Unable To Compare	One of the individual's neck cannot be seen because their chin is covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Inconclusive	Unknown neck appears to be longer than known neck. This could be due to distance between subject and camera
8BND4V	Unable To Compare	unable to compare details of neck due to angle of head of Known(1)
8FHAQ2	Unable To Compare	
8T7EYX	Inconclusive	
9NAAFD	Similar	much of neck on known isnt visible due to head tilt and position of head, similar neck line position on far right side which is visible on known
9WM27B	Similar	Due to obstruction due to angle of known photo, detail of neck cannot be compared however the neck of subjects due appear similar in general width.
A4GTRA	[Not Reported]	Not comparable due to pose: Overall neck: width, height, details; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	known has shirt covering neck, can't compare
BGVZPT	Unable To Compare	Not shown
BVKBTR	Unable To Compare	hard to compare this due to angle of picture and closeness of known to camera.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Neck cannot be compared due to clothing covering the neck and position of the head of the known.
E2YXFT	Unable To Compare	

Image Set Q7: Table 4.7(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Unable To Compare	Known neck insufficiently resolved for assessment.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Unable To Compare	Known neck is not visible in photo
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Similar	Width appears similar.
J4778Z	Inconclusive	
JEFCV2	Similar	similar skin texture
KCVE8G	Similar	KNOWN AND UNKNOWN: The neck of the known subject is mostly covered. Both images appear to have consistent weight, contour, width and shape of the visible portion of the neck.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	areas visible are not in common.
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Inconclusive	The neck is largely unavailable for comparison on the known however the general width appears to be similar.
QFUJLW	Unable To Compare	Unable to compare neck due to head and image angle
QKRZZB	Not Applicable	No noticeable features to compare.
QT8L8U	Unable To Compare	
QY9X6C	Similar	Neck appears longer in the unknown due to camera angle and clothing, neck creases are visible in the unknown due to camera angle and clothing but not the unknown, marks on the unknown neck are also visible, width of neck is similar
RJB49C	Inconclusive	Neck is not fully visible on known candidate. It appears more narrow on known as opposed to unknown, but may be due to head positioning.
RTFBMC	Unable To Compare	difference in angle of image
T9A37R	Similar	
TLDKJC	Unable To Compare	

Image Set Q7: Table 4.7(m) - Neck

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Similar	neck of unknown is not greatly visible
UGXDTR	Inconclusive	known's neck appears more narrow in shape, but believe to be due to distortion because width is proportional to facial shape width difference between individuals; unable to fully compare due to clothing covering
VGDWFB	Not Applicable	
WK96YB	Unable To Compare	
X2TF24	Not Applicable	
Z9L8L3	Unable To Compare	Neck is not fully visible in known and therefore comparison cannot be conducted.
ZCKK6L	Unable To Compare	due to known's shirt coverage

Features Observations Response Summary - Q7 Neck		Total Participants: 62
Response	Percent Reported	
Similar	13 (21.0%)	
Dissimilar	0 (0.0%)	
Inconclusive	10 (16.1%)	
Unable to Compare	33 (53.2%)	
Not Applicable	6 (9.7%)	

Image Set Q7: Table 4.7(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Inconclusive	Unknown is clean shaven, known has a little growth. No growth in similar areas.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Similar	The length of the beard is dissimilar but the position and the hair density within the beard are similar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Unknown is clean shaven. Known has a beard and mustache.
8BND4V	[Not Reported]	Unknown(2) more clean-shaven/trimmed while Known(1) has presence of short facial hair above lip, below lip, on cheeks and chin
8FHAQ2	Similar	
8T7EYX	Unable To Compare	
9NAAFD	Not Applicable	known has faint beard and unknown is clean shaven other than faint side burns
9WM27B	Similar	While facial hair is more grown out in the known image, the stubble seen on unknown appears to have a similar growth pattern. Otherwise not compared in detail.
A4GTRA	[Not Reported]	Not comparable (not observed in both); Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Grooming
AE2ZQY	Similar	
AQVDNB	Unable To Compare	
BF6CMR	Similar	hairline is similar
BGVZPT	Dissimilar	Known has a 4-5 day growth. Unknown has no hair
BVKBTR	Unable To Compare	
BYKLNK	Not Applicable	
CBAKDA	Similar	
D2JEVW	Unable To Compare	

Image Set Q7: Table 4.7(n) - Facial Hair

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Unknown is shaved, but the shadow pattern is similar to the known's facial hair pattern.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar side burns length and tone.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Inconclusive	Known has facial hair, Unknown is shaven
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Unable To Compare	Known has facial hair and the unknown does not. It's hard to see facial growth in the unknown due to blurriness of image.
HVURP4	Dissimilar	The known image has light hair growth while the unknown image is closer shaven.
J4778Z	Inconclusive	
JEFCV2	Similar	known has beard/mustache while unknown does not
KCVE8G	Dissimilar	Known subject has short, coarse, light in color facial hair stuble on chin, jawline, lower portion of cheeks and around the upper and lower lips. Unknown image is free from facial hair, and has smooth, clear skin
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Facial hair growth patterns are not visible in Unk.
MMPAFW	Not Applicable	
MX9NJY	Dissimilar	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Inconclusive	The unknown does not present with facial hair however there are some areas of faint hair (5 o' clock shadow/outline) that does not appear to be dissimilar.
QFUJLW	Unable To Compare	Known has facial hair but the Unknown's does not.
QKRZZB	Not Applicable	Probe is clean shaven.
QT8L8U	Inconclusive	growth pattern appears consistent, but the grooming is dissimilar.
QY9X6C	Dissimilar	Known has facial hair – short length beard where the unknown is clean shaved
RJB49C	Dissimilar	Known candidate has short beard growth, whereas unknown has no facial hair growth.
RTFBMC	Dissimilar	

Image Set Q7: Table 4.7(n) - Facial Hair

WebCode	Observation	Feature Notes
T9A37R	Dissimilar	
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Dissimilar	
U8BE68	Similar	unknown does not appear to have facial hair compared to short stubble present on the known
UGXDTR	Dissimilar	known has a closely groomed beard and mustache where unknown is clean shaved
VGDWFB	Not Applicable	
WK96YB	Dissimilar	
X2TF24	Similar	Facial hair appears longer in K, growth pattern appears similar around sides of chin, below lower lip, above upper lip, and on cheeks
Z9L8L3	Unable To Compare	Facial hair in known, but not unknown therefore comparison cannot be conducted.
ZCKK6L	Unable To Compare	due to unknown being clean shaved, whereas the known presents some stubble

Features Observations Response Summary - Q7 Facial Hair		Total Participants: 61
Response	Percent Reported	
Similar	15 (24.6%)	
Dissimilar	13 (21.3%)	
Inconclusive	10 (16.4%)	
Unable to Compare	14 (23.0%)	
Not Applicable	9 (14.8%)	

Image Set Q7: Table 4.7(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Nasolabial folds have a similar prominence. Frontal lines found in similar areas, more prominent on the known. Facial lines on the left and right cheeks of the unknown, not found on the known possibly due to the difference of expressions. Vertical glabellar line found in similar locations and similar in length.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The wrinkles on the glabella (middle area between the eyebrows) is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	In addition to facial lines already discussed... Both subjects have a deep vertical crease in the center of the brow line, same location and size. Lines around the nose and mouth appear to be the same shape, even with the expression change.
8BND4V	Similar	appear to have similar vertical glabellar line centered between eyebrows; start of curve/shape of left/right nasolabial folds appears similar; shape of right superior palpebral crease appears similar; more wrinkles/creases visible around eyes of Unknown(2) due to difference in expression; appear to have similar mentolabial sulcus
8FHAQ2	Similar	forehead deep wrinkle between two eyebrows
8T7EYX	Inconclusive	
9NAAFD	Similar	similar nasolabial lines in positions and curvatures on left and right side, other lines discussed above in other categories
9WM27B	Similar	Frontal lines are similar in depth, placement, and length across forehead. Crows feet of unknown are more pronounced due to expression, however, to be similar in placement and quantity. Placement of nasolabial folds, specifically on the left side, are similar in terms of start and end points as well as depth. Glabellar lines are similar in location, angle, depth and discoloration compared to other face shade. Both appear to have a slight cleft chin.
A4GTRA	[Not Reported]	Similarities include: Frontal lines – location; Vertical glabellar; Superior palpebral crease – asymmetry; Inferior palpebral crease – location; Infraorbital crease – location; Cleft chin; Nasolabial crease – location Dissimilarities include: Frontal lines – prominence; Periorbital lines - due to facial expression; Superior palpebral crease – prominence; Inferior palpebral crease – prominence; Infraorbital crease – prominence; Nasolabial crease – prominence; Buccal creases Not comparable; Nasion crease; Lateral nasal lines; Bifid nose crease; Circumoral striae; Mentolabial sulcus; Marionette lines; Wrinkles on neck; Other creases
A8F4MA	Similar	Vertical glabellar line, Right and left superior palpebral crease, Right and left inferior palpebral crease
A9BMPB	Similar	Glabella, frontal, superior palpebral, glabella, chin
AE2ZQY	Similar	

Image Set Q7: Table 4.7(o) - Facial Lines

WebCode	Observation	Feature Notes
AQVDNB	Similar	
BF6CMR	Similar	similar wrinkles on forehead
BGZVPT	Similar	Both have forehead lines. Unknown has "crows feet"
BVKBTR	Inconclusive	Expression of smile vs stern look make lines hard to compare and apparent age difference.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Dissimilar	
D3D3DQ	Similar	Both have lines around the eyes, but unknown's is a bit more pronounced due to expression. There is also a small line on the left side of the nose of the known that is observed in the unknown despite the difference in expressions.
E2YXFT	Similar	Horizontal lines on the forehead, glabellar line, superior palpebral creases seem similar
E7JQ38	Similar	Similar forehead crease placement, right superior palpebral crease shape and size, cleft placement.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar frontal lines, vertical glabellar lines, nasolabial lines, and sulcus
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Similar	discussed throughout. Both have a vertical glabellar line between the eyes
HVURP4	Similar	Between the brows there is a consistent crease. The two frontal creases on the forehead are also consistent.
J4778Z	Inconclusive	
JEFCV2	Similar	some similar, some not (may be due to expression or age)
KCVE8G	Similar	previously noted
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q7: Table 4.7(o) - Facial Lines

WebCode	Observation	Feature Notes
QCV8PW	Similar	There are two prominent frontal lines on both subjects with a faint one above that may be visible on the unknown but due to quality it cannot be compared more thoroughly. There is a similar vertical glabellar crease on both subjects. There are some similar prominent periorbital lines on both subjects however they are more visible on the unknown due to the expression change. The nasolabial folds appear to be similar in attachment and contour however they appear to be wider on the unknown due to the change in expression. There appears to be a depressions/cleft in the chin of both subjects with a similar shaping.
QFUJLW	Similar	Discussed in earlier sections
QKRZZB	Similar	Frontal lines present on both the probe and candidate. The frontal lines appear to line up with one another. The vertical glabellar lines match up perfectly on both the probe and candidate. The superior palpebral and inferior palpebral appear to be similar in depth and location.
QT8L8U	Dissimilar	The unknow has expression leading to more facial lines. The frontal lines appear similar even with the photo quality and lighting difference. The glabellar prominence, placement of the nasal labial folds do appear to be similar.
QY9X6C	Not Applicable	
RJB49C	Similar	Creases on the forehead, between the eyebrows and adjacent to the nose and mouth are consistent.
RTFBMC	Similar	
T9A37R	Similar	Both have similar frontal lines.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	mentioned in the forehead, brow, eyes, nose and mouth sections of this comparison
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Frontal line (horizontal 3 quantity),vertical glabellar line, depth cleft chin
WK96YB	Similar	
X2TF24	Similar	Vertical glabellar line appears similar in location/size/angle; nasolabial folds appear similar in angle and shape, appear more prominent in U, may be due to expression; inferior palpebral creases more defined in U, similar in shape, may be due to expression
Z9L8L3	Similar	Forehead creases are similar in length and position. Crow's feet are faint in known, but are consistent with unknown.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q7 Facial Lines		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	52 (85.2%)	
Dissimilar	2 (3.3%)	
Inconclusive	4 (6.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	2 (3.3%)	

Image Set Q7: Table 4.7(p) - Scars

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Nil observed: Location; Shape; Orientation; Size; Tonality; Prominence
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Unable To Compare	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEWV	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Dissimilar	Known: Scar type mark on the left cheek by the left ala not visible in the Unknown.
E9D7GU	Inconclusive	

Image Set Q7: Table 4.7(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	None noted
FG99H7	Not Applicable	
GM7H34	Unable To Compare	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	no notable scars
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Inconclusive	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Similar	There are some scar/marks on the face that appear to be present between both subjects; above the left lateral canthus, above the right lateral portion of the lips, laterally from the left nostril
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZZ	Not Applicable	
U8BE68	Not Applicable	

Image Set Q7: Table 4.7(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	No obvious scarring
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q7 Scars			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	5 (8.3%)	
	Dissimilar	1 (1.7%)	
	Inconclusive	3 (5.0%)	
	Unable to Compare	2 (3.3%)	
	Not Applicable	49 (81.7%)	

Image Set Q7: Table 4.7(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Similar	Facial marks on the left side of the forehead, right eyebrow, left cheek, and right side of the mouth sre similar in shape, size, and relative location
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The location of the moles/beauty spot is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have the following facial marks--mark on the left cheek, bunmp above the right corner of the mouth, bump o the left side of the forehead.
8BND4V	Similar	similar small facial mark around middle of left cheek; similar raised circular facial mark toward left side of forehead near hairline; similar raised circular facial mark above medial end of right eyebrow; similar raised circular facial mark above right edge of mouth
8FHAQ2	Similar	nevus distribution and number of nevus
8T7EYX	Similar	
9NAAFD	Similar	similar mark on left cheek in position, similar mark above right of mouth end
9WM27B	Similar	facial mark on left side of forehead is similar in color, shape, size and placement. Facial mark above right eyebrow is similar in color, shape, size and placement. Facial Marks (2) on left cheek appears is similar in color, shape, size and placement. Facial mark above right side of lip is similar in color, shape, size and placement.
A4GTRA	[Not Reported]	Similarities include: Facial mark on the left side of the forehead; Facial mark on the left cheek; Facial mark adjacent to the right nasolabial fold Dissimilarities include: Facial mark on the right cheek of R1 not observed in Q1
A8F4MA	Similar	Skin mark in left cheekbone, skin mark in left brow, in right brow and in upper right lip
A9BMPB	Similar	
AE2ZQY	Similar	Several marks similar
AQVDNB	Similar	
BF6CMR	Similar	both have mark above their upper right lip, on left cheek, above right eyebrow and left side of forehead
BGZVPT	Similar	Both have mark/mole-type marks on rt cheek, lf lip, and rt forehead
BVKBTR	Similar	mark on left side of nose, mole right side of mouth, but above right eye near nose, left side above eyebrow,
BYKLNK	Similar	

Image Set Q7: Table 4.7(q) - Facial Marks

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVV	Similar	appearance of mole/spot in same places
D3D3DQ	Similar	Mark on left cheek and right upper lip appear in similar positions.
E2YXFT	Similar	Moles on the left side of the forehead, next to the right eyebrow, on both cheeks and above the upper lip on the right side of the face seem similar
E7JQ38	Similar	Similar Skin mark (bump) above the right eyebrow medial corner and by the right eyebrow lateral corner, darker tone skin marks visible on the far left side of the forehead, in the middle of the left cheek, above the mouth right corner.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar mark/mole on left forehead, right eyebrow, and right nasolabial groove. similar mark on left cheek
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Discussed throughout
HVURP4	Similar	Noted above.
J4778Z	Similar	several marks can be found in the same locations on both subjects
JEFCV2	Similar	similar throughout images
KCVE8G	Similar	noted above
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	There are some scar/marks on the face that appear to be present between both subjects; above the left lateral canthus, above the right lateral portion of the lips, laterally from the left nostril
QFUJLW	Similar	Discussed in earlier sections
QKRZZB	Similar	Facial marks on the face of the probe and candidate appear to line up with one another. Facial marks on the left cheek, right side above the upper lip. Mark on the left side of the forehead above the eyebrow.
QT8L8U	Similar	Mark on the right upper lip, mark on the left cheek near the nasal labial fold, mark on the left forehead near the hairline appear similar.

Image Set Q7: Table 4.7(q) - Facial Marks

WebCode	Observation	Feature Notes
QY9X6C	Not Applicable	
RJB49C	Similar	There is a consistent mole on the left temple on both.
RTFBMC	Similar	left temple, left cheek, above right eye, above right corner of mouth
T9A37R	Similar	Both have fleshy mole over right eyelid as well as on the left temple.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	facial marks are seen in the brow/forehead region and the left cheek of both subjects in a similar shape, size and location
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Moles (right Eyebrow, left Cheekbone right upper lip)
WK96YB	Similar	
X2TF24	Similar	Facial marks present in similar location/size/color/shape
Z9L8L3	Similar	Multiple facial marks are in the same location and are same size in both the known and unknown.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q7 Facial Marks			Total Participants: 61
	Response	Percent Reported	
	Similar	58 (95.1%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	0 (0.0%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	2 (3.3%)	

Image Set Q7: Table 4.7(r) - Alterations

WebCode	Observation	Feature Notes
2EKB7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Focal length
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	[Not Reported]	some kind of effect on eyes/pupils of Known(1)
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	focal length
9NAAFD	Not Applicable	no alterations of note
9WM27B	Dissimilar	it appears as though known is wearing contacts as there is no visible pupil to iris differentiation and was considered during comparison.
A4GTRA	[Not Reported]	Not observed: Piercing; Makeup; Tattoo; Other
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Similar	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	not sure wearing black contacts qualifies as alteration since it's not permanent.
BYKLNK	[No observations reported for this feature.]	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Dissimilar	Contact lenses that change eyecolour on known image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Dissimilar	

Image Set Q7: Table 4.7(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Not Applicable	None noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	hairstyles, shaving
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	none visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Different position and lighting
PT369V	Dissimilar	facial expression
QCV8PW	[No observations reported for this feature.]	
QFUJLW	Dissimilar	Unknown has clearly been shaved.
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Dissimilar	known appears to be wearing contacts obscuring appearance of irises

Image Set Q7: Table 4.7(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	No alterations observed
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q7 Alterations			Total Participants: 55
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (5.5%)	
	Dissimilar	10 (18.2%)	
	Inconclusive	1 (1.8%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	41 (74.5%)	

Image Set Q7: Table 4.7(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison limitations		Examination limitations: The images displayed a number of limiting factors including, but not limited to, age, facial expression, pose, lighting and image quality conditions. These limited the comparison and the observations that were able to be made.
BGVPT	Clarity	Dissimilar	Unknown is a little out of focus and fuzzy.
D3D3DQ	Image Quality	Dissimilar	There seems to be a difference in the type of lens used or distance of the subject from the lens as the known's face appears thinner and the known's ears appear "pinned back".
E7JQ38	Limitations	NotApplicable	Image quality, perspective distortion, pose, expression.
JEFCV2	image quality		question representative value of features in probe, suspect some kind of image distortion
QY9X6C	Overall Image Quality	Dissimilar	Known image is closer to the camera, both good frontal images, unknown expression is smiling with mouth open and the known is a neutral expression with mouth closed

Detailed Feature Observations

TABLE 4 - Image Set Q8

Image Set Q8: Table 4.8(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Tone of the skin is similar. Unknowns skin is more textured.
3UFTE6	Dissimilar	
44J8XH	Inconclusive	
474EX6	Dissimilar	The skin tone is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both subjects are white males. Known has a pale complexion with some redness in the cheeks. Unknown has a darker complexion with some freckles/ dark spots on the forehead.
8BND4V	Dissimilar	skin tone appears slightly darker red for Unknown(2) than Known(1); skin of Unknown(2) appears to have slightly rougher texture than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	Known appears to have smoother skin than unknown, unknown has splotchiness in his skin and appears to be tanner or age spots
9WM27B	Dissimilar	Skin texture and tone is dissimilar. Pigmentation difference near hairline of unknown is not observed on known image.
A4GTRA	[Not Reported]	Similarities include: Overall skin appearance: texture Dissimilarities include: Overall skin appearance: tone (lighting)
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Unknown has more textured skin. Unknown has a lot of (subtle) skin marks, espec on forehead. Possibly due to age diff and image quality/lighting
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk sub has rougher skin, possibly from sun/age
BGZVPT	Dissimilar	Known has much smoother and clearer skin
BVKBTR	Dissimilar	much more mottled on unknown, could be age related
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q8: Table 4.8(a) - Skin

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Skin color is similar. Unknown appears to have a tan, but area near hairline is more similar to skin color of known.
E2YXFT	Dissimilar	Texture seems slightly different
E7JQ38	Similar	Similar skin tone and texture.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	similar tone. Known texture appears smoother. Unknown has hyperpigmentation on sides of forehead and cheeks
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown has darker skin, freckles on the outside of the forehead, neck is more wrinkled
HVURP4	Dissimilar	Skin texture is different. The unknown image is freckled, while the known is not
J4778Z	Dissimilar	Color and texture appear different
JEFCV2	Dissimilar	coloring, marks, and depressions different across both images
KCVE8G	Dissimilar	KNOWN: The subject has light color skin with a warm golden hue. The skin texture is smooth and mostly free from lines, marks, scars and blemishes. There are a few very small, darker, round areas that are located on forehead and right cheek on the known subject. UNKNOWN: The unknown subject has varied skin color with areas that are light and tone and areas that are slightly darker in tone and texture. The center of the forehead is lighter in color than the sides of the forehead toward the temple. The sides of the cheeks are slightly darker and more textured than the center area of the cheeks on the unknown subject. The unknown subject skin appears to be light and lighter in color than known subject skin color. The unknown subject has areas of the skin where the skin color is irregular with lighter and darker areas. The skin has a patchy and/or blotchy appearance. The known and unknown subject appear to be similar in age and weight
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both have light skin but Unk has large amounts of discoloration and uneven skin tones.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The subjects appear to have a similar light skin tone with differences in hue/tan which is likely due to exposure, lighting, or imaging conditions. The unknown appears to have more texture to the skin.

Image Set Q8: Table 4.8(a) - Skin

WebCode	Observation	Feature Notes
QFUJLW	Similar	Not similar in color. Both are light.
QKRZZB	Dissimilar	Skin tones between the probe and candidate appears to be similar. There is some discoloration on the skin of the probe that is not visible on the candidate.
QT8L8U	Dissimilar	Even with the difference in image quality, the skin tone and texture appear dissimilar. The unknown's skin appears more textured
QY9X6C	Dissimilar	Tone is darker in the unknown, texture appears to be smoother in the known
RJB49C	Dissimilar	Skin on known is light in color and smoother in complexion than unknown.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown skin texture is very rough in appearance compared to the known image.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	skin tone and texture appear to differ slightly between subjects
UGXDTR	Dissimilar	skin tone is different as unknown's skin appears darker and there are areas on the forehead where the skin tone is darker and irregular; unknown's skin texture appears rougher
VGDWFB	Dissimilar	Luminance and color
WK96YB	Dissimilar	
X2TF24	Dissimilar	Skin appears dissimilar in tone and texture
Z9L8L3	Similar	Both are caucasian males. Unknown has a slightly darker skin tone due to sun and possibly lighting.
ZCKK6L	Dissimilar	texture and complexion is dissimilar, as the known's is smooth, clear, and lighter, whereas the unknown's appears to be weathered (specifically in the neck area), uneven in tonality/coloration distribution, and tanned/darker; highlighting and shadowing on the contours of the face are similar, indicating that the underlying musculature and bone structure is similar; over/under exposure of lighting

Features Observations Response Summary - Q8 Skin			Total Participants: 62
	Response	Percent Reported	
	Similar	11 (17.7%)	
	Dissimilar	48 (77.4%)	
	Inconclusive	2 (3.2%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	1 (1.6%)	

Image Set Q8: Table 4.8(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Similar	Head is rounded on both subjects. Overall size of the head is similar.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Similar	The facial shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have a round head. Unknown top portion of the head does not appear to be as smooth as the known.
8BND4V	[Not Reported]	unable to compare much of lower face/head outline due to presence of longer facial hair for Unknown(2); area around cheeks of Unknown(2) appear to curve to slightly rounder shape than Known(1)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have relatively similar rounded head shapes
9WM27B	Similar	Both have round head/face shape.
A4GTRA	[Not Reported]	Dissimilarities include: Overall shape of the face Not comparable: Shape of the cranial vault
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Known has a more oblong head shape. Some similarities
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	both have round faces
BGZVPT	Similar	Similar in size
BVKBTR	Dissimilar	similar outline but angle of photos is different.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Face outline is similar, but facial hair covers the lower half of the unknown's face.
E2YXFT	Similar	Similar face shape
E7JQ38	Similar	Similar overall shape of face

Image Set Q8: Table 4.8(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Similar rounded shape
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown has a smaller cranial vault and a more round face
HVURP4	Similar	Face/head out line is similar, could be due to angle upward of the unknown image.
J4778Z	Dissimilar	different overall shape
JEFCV2	Dissimilar	cheek area different between two images
KCVE8G	Similar	The known and unknown subjects, both have a round contour and facial outline. The features on both unknown and known subjects are placed similarly and equally on the face. Each known and unknown image seems to have symmetrical facial features similar in weight and size.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has a more protruding frontal bone and cranium shape. Both have a round/square-ish face shape.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The face/head outline appears to be similar with a rounded cranial vault however the lower/middle portion appears to be wider on the unknown.
QFUJLW	Dissimilar	Head shape is not similar.
QKRZZB	Similar	The probe and candidate could have similar face outline.
QT8L8U	Unable To Compare	The head and partial parts of the face obstructed by hair
QY9X6C	Dissimilar	The known appears to be more rounded towards the top and the unknown appears to be boxier, width appears to be wider in the unknown, height appears to be similar
RJB49C	Similar	Faces/heads of both are similar in round shape.
RTFBMC	Similar	slight difference in head tilt
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Dissimilar	

Image Set Q8: Table 4.8(b) - Face/Head Outline

WebCode	Observation	Feature Notes
U67NZD	Dissimilar	
U8BE68	Dissimilar	outline of the unknown appears to be short and rounded compared to the taller and narrow outline of the known
UGXDTR	Inconclusive	facial shape appears similar; known appears to have a slightly more pointed cranial vault shape
VGDWFB	Dissimilar	Overall shape of face
WK96YB	Dissimilar	
X2TF24	Dissimilar	Overall shape of face appears wider in U; shape of cranial vault appears dissimilar
Z9L8L3	Dissimilar	Known's forehead appears longer than known's, but otherwise outline is similar.
ZCKK6L	Dissimilar	small size and round shape is similar, however known's cranial vault shape is more uniformly round, whereas the unknown's formed by several linear connections

Features Observations Response Summary - Q8 Face/Head Outline		Total Participants: 61
Response	Percent Reported	
Similar	33 (54.1%)	
Dissimilar	22 (36.1%)	
Inconclusive	2 (3.3%)	
Unable to Compare	2 (3.3%)	
Not Applicable	2 (3.3%)	

Image Set Q8: Table 4.8(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Similar	Distance between the eyes appears to be similar.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The overall distance of eye, nose, and mouth relative to each other is shorter for one of the individuals.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Dissimilar	
6VNPYY	Similar	Features are spaced evenly on both subjects.
8BND4V	Dissimilar	upper ends of ears relative to eyes appears higher up on face for Known(1) than Unknown(2)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	features are in relatively close positions relative to the other features other than mouth to bottom of head and ear positions on head
9WM27B	Similar	facial composition is similar; spacing between placement of facial features is similar.
A4GTRA	[Not Reported]	Similarities include: Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Ear position relative to eyes, nose, and mouth Dissimilarities include:; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Eye position relative to face length
A8F4MA	Dissimilar	Proportions/position of features on face
A9BMPB	Similar	Somewhat similar, placement of eyes in relation to nose, and nose in relation to mouth. Partly occluded (beard)
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	
BGVZPT	Dissimilar	Ears sit higher on known
BVKBTR	Similar	
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEV	Similar	
D3D3DQ	Similar	Composition is similar.

Image Set Q8: Table 4.8(c) - Face/Head Composition

WebCode	Observation	Feature Notes
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Similar	Similar nose width and right mouth corner placement relative to the eyes.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Similar feature placement and spacing
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Relative position of features is similar between the two pictures
HVURP4	Similar	Face/head composition is similar, could be due to angle upward of the unknown image.
J4778Z	Dissimilar	
JEFCV2	Similar	
KCVE8G	Similar	The known and unknown subjects, both have a round contour and facial outline.
KRVVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	feature spacing is similar but K has a larger forehead.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The features of the face appear to have a tighter configuration on the unknown versus the known.
QFUJLW	Dissimilar	Unknown's features are centrally placed than the Known. Eyes are wider apart in the Known.
QKRZZB	Dissimilar	The features on the face of the probe appear to be located closer to the center of the face compared to the candidate.
QT8L8U	Similar	Head obstructed by hair. The facial composition appears similar in the placement of the features on the face.
QY9X6C	Dissimilar	Distance from eyes to mouth appears to be shorter in the unknown, distance between eyes in the known appear to be wider, distance from nose to mouth is hard to say due to beard growth in the unknown
RJB49C	Inconclusive	Both are symmetric with unknown being narrower at the temples.
RTFBMC	Similar	
T9A37R	Similar	

Image Set Q8: Table 4.8(c) - Face/Head Composition

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZZ	Dissimilar	
U8BE68	Similar	most of the facial features appear to be similar in relative size - ears of known appear to be slightly longer than unknown, could be due to subject to camera distance/angle
UGXDTR	Dissimilar	known's ears appear larger in proportion to other facial features compared to unknown
VGDWFB	Dissimilar	
WK96YB	Dissimilar	
X2TF24	Inconclusive	Ear position relative to eyes, nose, and mouth appears dissimilar; Eye position relative to face length appears similar
Z9L8L3	Dissimilar	Nothing out of the ordinary, but they appear to be two different people.
ZCKK6L	Dissimilar	configuration and alignment of the visible facial features is similar with respect to each other and their central location on the face, however the shapes are dissimilar and the unknown's features are positioned closer together

Features Observations Response Summary - Q8 Face/Head Composition		Total Participants: 60
<u>Response</u>	<u>Percent Reported</u>	
Similar	29 (48.3%)	
Dissimilar	27 (45.0%)	
Inconclusive	2 (3.3%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q8: Table 4.8(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Style and tone of the hair is similar. Texture of the hair appears to be similar. Similar curvature of the hairline.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The length of the hair is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have short dark hair that recedes on both sides. Less hair appears to be visible on the top of the unknown but this could be due to head tilt upward.
8BND4V	[Not Reported]	both have shorter cut hair on heads; Known(1) has more shaved facial hair; both appear to have similar shape to hairlines, forehead hairline appears to have slightly rounder shape further toward center of forehead for Known(1)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	[Not Reported]	frontal hairline curvature and growth patterns do appear similar, but side hairlines and growth patterns appear different, known has grey hairs on left side hairline above ear
9WM27B	Dissimilar	hair style is similar however the color/tone of the hair is different including the beginning of gray hair on the left side of the known is not observed on unknown. The hairline frontal and side is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Hair: texture, symmetry, density, tonality; Hairline right side: shape; Hairline left side: shape Dissimilarities include: Forehead hairline: shape; Hair: shape/spatial distribution Not comparable: Cranial baldness pattern: shape, distribution
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Quite similar, apart from unknown thinner growth – possibly due to ageing. Facial hair: known more gray-ish. Unknown has richer growth below lower lip
AE2ZQY	Similar	Hairline quite similar
AQVDNB	Similar	
BF6CMR	Similar	similar thinness, hairline
BGZVPT	Similar	Both have close buzz cut. Similar hairline.
BVKBTR	Dissimilar	short, but seems different color.
BYKLNK	Dissimilar	
CBAKDA	Similar	

Image Set Q8: Table 4.8(d) - Hair

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Dissimilar	Hairline is dissimilar. Unknown's hairline appears further back in the front but this could be due to positioning of the unknown's head.
E2YXFT	Similar	Similar texture
E7JQ38	Dissimilar	Dissimilar hair length.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Similar hairline, similar density
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Hair on top of the head is similar in color and texture. Known has blonde hair beard growth. Unknown has darker hair beard growth and more coarse beard hair.
HVURP4	Similar	Close cut hair on both images, similar in color.
J4778Z	Dissimilar	different color and hairline
JEFCV2	Dissimilar	thickness of head hair more in known, facial hair darker and with different hair growth pattern in unknown
KCVE8G	Similar	KNOWN AND UNKNOWN: Both known and unknown subjects have a similar hairline that follows the curvature of the top of the head. The known subject's hairline curves down slightly further at the center of the top of the forehead. Both known and unknown images have short, buzz cut type hair that is shaved very closely to the top and sides of the head. Both known and unknown subjects have a similar light to medium hair color.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Head hair is similar buzz cut and similar growth pattern
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Dissimilar	The hairline appears to be similar at the temple peaks. Both subjects are presenting with balding, but the shape of the hairline appears rounded on the known. The hair appears to be dark on the unknown and mostly dark on the known with some parts that are lighter.
QFUJLW	Dissimilar	Similar in dark color and length. Known hair is a tad lighter than Unknown. Hairline is similar in shape.
QKRZZB	Similar	Hair color and texture appears to be similar between the probe and candidate.

Image Set Q8: Table 4.8(d) - Hair

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	Density of the hair, hairline, and color appears dissimilar
QY9X6C	Dissimilar	Both have short buzz cut hair, color is dark in both, hairline is more rounded in the known
RJB49C	Similar	Hair is similar in style, length and color.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Dissimilar	hair appears to be similar in color and length - hairline appears to follow a similar contour around the forehead
UGXDTR	Similar	similar baldness pattern with receding hairline towards the lateral portions of the hair; similar hair color and texture; similar growth pattern along temporal peaks
VGDWFB	Dissimilar	shape/spatial distribution, color
WK96YB	Similar	
X2TF24	Dissimilar	Hair texture appears similar, appears longer on K, may be due to intentional alterations; hairline appears dissimilar in shape
Z9L8L3	Inconclusive	Hair is very short in both and similar growth lines. Known's might be slightly darker but too hard to tell due to length
ZCKK6L	Dissimilar	short length, thinness, and growth pattern and distribution is similar; color is dissimilar, as known's is dark color with lighter graying patches along the sides, whereas the unknown's is a reddish-brown color; hairline shape is similar, specifically the shape created by the hair recession

Features Observations Response Summary - Q8 Hair		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	39 (65.0%)
	Dissimilar	16 (26.7%)
	Inconclusive	2 (3.3%)
	Unable to Compare	0 (0.0%)
	Not Applicable	3 (5.0%)

Image Set Q8: Table 4.8(e) - Forehead

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Knowns forehead is longer and wider. Similar level of protrusion.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The wrinkles on the forehead is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown forehead appears to be shorter (top to bottom), appears to have a more prominent brow line, and has more horizontal lines visible.
8BND4V	[Not Reported]	brow ridge appears slightly more prominent for Unknown(2) than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	forehead contouring on sides and in middle appear different, frontal line positions and depths of lines are different, vertical glabellar line positions are different
9WM27B	Dissimilar	unknown has a wider/shorter forehead than that of known. known has a more rounded forehead and brow ridge than that of unknown.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Dissimilar	Forehead shape
A9BMPB	Inconclusive	U's hairline is placed further back but the forehead is still shorter than K, who has a more frontal hairline. Not quite comparable due to pitch. Known seems to have higher forehead (sup-inf direction)
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known has smoother skin, may be age
BGZVPT	Dissimilar	Noticeable forehead lines on Unknown; Noticeable marks on known; Unknown has discoloration on left and right side of forehead.
BVKBTR	Dissimilar	distances between eyebrows seems off, missing marks, missing lines.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Marks and lines on forehead appear dissimilar in appearance and position. Also, unknown appears to have sun damage on his forehead where the known does not. Known has a mole above his right eye that is not observed in the unknown.

Image Set Q8: Table 4.8(e) - Forehead

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar hairline and brow ridges
E7JQ38	Dissimilar	Dissimilar forehead height.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Unknown's forehead is wider and has more prominent brow ridge
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has more defined creases in forehead and freckled skin towards the outside of the forehead. Known has a mole above the right eye.
HVURP4	Dissimilar	The known's forehead appears slightly longer from top of hair line to brow. The frontal creases do not match up. The unknown appears to have 3 while the known has 4. Also, the known image has a large mark/imperfection above the right brow that is not visible on the unknown.
J4778Z	Dissimilar	one with frontal lines and the other without
JEFCV2	Dissimilar	multiple marks and creases within both images that do not correspond in locations, color, thickness
KCVE8G	Dissimilar	KNOWN: The known image has a high, round, mostly smooth in texture forehead that is free from forehead lines and creases. There is a small circular spot that is slightly darker than the rest of the skin located toward the top of the forehead on the left side near the hairline. There is a second darker, larger, circular discoloration just above the center of the right brow ridge and a third, small mark located diagonally from the second mark (previously mentioned), at the top of the brow ridge and close to the glabellar area of the right eye that do not appear on the unknown subject's forehead. UNKNOWN: There are two visible, parallel forehead creases in the center of the forehead that extend from the left to the right side of the head. The center of the forehead is lighter in color than the rest of the forehead. The skin on the sides of the forehead appears blotchy with patchy light and dark areas. While unknown subject has a similar round contour at the top of the head, the forehead is shorter in height than the known subject's forehead.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has large amounts of discoloration on lateral sides of forehead with the front and center portion have a more even skin tone with less facial markings; frontal lines are pronounced and there are several. K has very faint frontal lines in different locations and has a small handful of facial markings that are not in common with Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q8: Table 4.8(e) - Forehead

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The forehead appears to be taller on the known. The general width of the forehead appears to be similar. The middle of the forehead appears to have a depression on the known that does not appear to be visible on the unknown
QFUJLW	Dissimilar	Not similar in length/width/shape/luminence. Known's forehead is longer. Unknown's is wider. Frontal lines are not similar in shape/location/quantity. Glabellar lines not similar in location/shape. Facial markings are not similar in location/size/shape.
QKRZZB	Dissimilar	The candidate appears to have a larger forehead compared to the probe. The contour of the forehead of the probe looks to protrude more than the candidate.
QT8L8U	Dissimilar	The unknown's forehead appears wider and shorter in height compared to the known.
QY9X6C	Dissimilar	Frontal lines are more visible in the unknown but they are not in the same location as the known, marks on both that are not in the same location, distance is longer in the known, width is wider in the unknown, brow ridge is dissimilar
RJB49C	Dissimilar	Known candidate's forehead is more round and appears to have a greater distance from the hairline to the eyebrows. There is a mole or freckle on the known candidate's right forehead but not the unknown.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown image has very deep frontal lines on the forehead and the forehead height is not as all as the known image.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	shape of the forehead appears to differ with the unknown being wide and short compared to a relatively taller forehead on the known - facial marks and frontal lines appear on both subject but are not consistent in shape, size or location
UGXDTR	Dissimilar	known forehead appears taller in relative height; apparent difference in number, prominence and location of frontal lines; both individuals have various facial marks that appear different between each other; similar brow ridge prominence; unknown has prominent vertical glabellar lines that appear different to known
VGDWFB	Dissimilar	Relative width
WK96YB	Dissimilar	
X2TF24	Dissimilar	Forehead appears dissimilar in width, appears wider in U, dissimilar in relative height, appears higher in K; appears dissimilar in slope; facial marks on forehead appear dissimilar in shape/location/color/size; brow ridges appear more defined in U
Z9L8L3	Dissimilar	Known's forehead is longer. Unknown's forehead has freckles and creases that are not present in known. Known has a distinct mole on the right side of his forehead that is not observed in the unknown.

Image Set Q8: Table 4.8(e) - Forehead

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	curved contour, shape, and musculature is similar; both have a similar depression in the center; dome-like shape is similar, however the known's is taller whereas the unknown's is wider; the known has four facial marks, one that is large, darkly pigmented, round, and raised above the middle of the right brow, two faint ones that are in the center, the left one positioned higher than the other, and another darker pigmented, but not raised mark above the middle of the left brow, closer to the hairline, however the unknown doesn't have any of these present; the unknown has patches of darker coloration on the outer edges of the forehead and has three frontal lines that span across the majority of the forehead, with the higher two more prominent, however the known doesn't have these present

Features Observations Response Summary - Q8 Forehead			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	8 (13.1%)	
	Dissimilar	48 (78.7%)	
	Inconclusive	5 (8.2%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	0 (0.0%)	

Image Set Q8: Table 4.8(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Eyebrows are partially covered on the unknown. Tail of the eyebrows end in different locations. Similar arch. Eyebrows are closer together on the unknown.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The eyebrow shape is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both subjects have dark eyebrows, but unknown eyebrows have more brown/ red color and known has more black color. Inner portion of eyebrows are closer together on unknown.
8BND4V	Dissimilar	parts of eyebrows of Unknown(2) covered by glasses; medial ends of eyebrows of Unknown(2) appear to arch/curve slightly more upward and appear slightly closer together than those of Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	distance between brows is different, starting points at medial ends are different, thickness of brows appear different
9WM27B	Dissimilar	eyebrow color, shape, grooming an growth pattern is dissimilar. the lateral extension of the brows of the unknown extend beyond the lateral canthus moreso than that of known.
A4GTRA	[Not Reported]	Similarities include: Shape; Position - medial portion; Asymmetry - L sits higher than the R Dissimilarities include: Size; Position - lateral portion (expression); Density of hair Not comparable: Conjoined; Hair details
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Inconclusive	Growth direction in medial part of both brows differs. Known: better defined laterally. Not directly comparable due to lighting and glasses (unknown)
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	different shape between two subjects
BGVZPT	Dissimilar	Unknown is impeded by glasses, however the shape looks different.
BVKBTR	Dissimilar	seems bushier on unknown but similar shape. must closer together on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	

Image Set Q8: Table 4.8(f) - Eyebrows

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Eyebrow hair direction appears dissimilar on the inside edges. Unable to compare much more due to eyeglasses covering eyebrows of the unknown.
E2YXFT	Dissimilar	Shape and density seem different
E7JQ38	Dissimilar	Dissimilar distance between eyebrow medial corners and eyebrow hair distribution.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	dissimilar width. Unknown's brows are growing closer together than the Known's. Unknown is wearing glasses that are partially obstructing brows.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Hard to compare due to unknown wearing glasses. Known has eyebrow hair growth that follows the curve of the eyebrow. Unknown has eyebrow hair growth that points up towards the center of the face
HVURP4	Dissimilar	The unknowns brow appear sparser in texture than that of the known. As the brow grows to the outer edge there is less hair growth on the unknown than the known.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	different hair texture, potential thinning in unknown (possible scar) not in known
KCVE8G	Dissimilar	KNOWN: The eyebrows are a medium brown or dark blonde color. The brows are thicker in texture than the unknown subject's brows. Glabellar lines and/or creases are not visible but there are two indentations in the glabellar area between the eyebrows. The distance between the eyebrows at the root of the nose is greater than the distance between the unknown subject's eyebrows. The arch of each of the left and right eyebrows is slightly higher than the arch of the unknown image brows. UNKNOWN: The eyebrows are a light to medium reddish-brown color. The brows are also light in texture. The eyebrow hair at the beginning of the arch of each eyebrow grows straight up. The hair is short, sparse, thin and you can see some of the skin of the brow ridge through the hair of the eyebrows. The hair growth becomes thinner and lighter toward the tail end of the eyebrows. The width of the eyebrows is narrow and shorter than known's eyebrows. There are two glabellar lines that start at the beginning of the left and right eyebrow, start parallel but turn diagonally toward one another at the top creating an open triangular shape.
KRWGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has two vertical glabellar lines are medial edges of brows where K has none visible. Unk's brows are partially obscured by glasses. Unk has more brow hairs growing upwards near medial edges than K.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	

Image Set Q8: Table 4.8(f) - Eyebrows

WebCode	Observation	Feature Notes
PT369V	Dissimilar	
QCV8PW	Dissimilar	The medial portions of the brows appear to be darker on both subjects. The coloration and fullness on the middle/lateral portions does not appear to be similar. The brows appear to be closer on the unknown. The lateral portions of the brows appear to be lower on both brows of the unknown.
QFUJLW	Dissimilar	Not similar in shape/thickness. Similar in color. Width between the eyebrows is larger in the Known than the Unknown.
QKRZZB	Dissimilar	The growth pattern of the eyebrows appears to be dissimilar. As well as the thickness of the eyebrows appears to be dissimilar.
QT8L8U	Dissimilar	The unknown's brows appear dissimilar in color, density, and the distance between inner corners. The unknown's brow ridge appears to protrude more than the known.
QY9X6C	Dissimilar	Color appears to be similar, distance apart is further in the known, shape is hard to say due to glasses in the unknown, unknown has a unibrow where the known does not, distance to lateral canthus is further in the known
RJB49C	Dissimilar	Eyebrows are approximately the same length and color, but unknown candidate's are closer together than known.
RTFBMC	Dissimilar	glasses hinder full comparison of unknown
T9A37R	Dissimilar	
TLDKJC	Inconclusive	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	brows appear to differ in thickness of growth - the relative distance between the medial ends of the brows differs with the unknown being closer -
UGXDTR	Inconclusive	similar shape, symmetry and contour; similar color and texture; closer medial distance between eyebrows in unknown than known
VGDWFB	Dissimilar	size
WK96YB	Dissimilar	
X2TF24	Dissimilar	Eyebrows appear dissimilar in texture/thickness/width apart/shape/angle/fine hair details
Z9L8L3	Dissimilar	Eyebrow color and shape is different. The growth and style is different.
ZCKK6L	Dissimilar	curved shape is similar, however the color, length, thickness, and growth pattern and distribution is dissimilar, as the known's brows are darker, more compact in shape, and thickness is more uniform, whereas the known's span a further distance, are reddish-brown in color, and become sparse as the lateral ends are approached; both are similarly more dense at the medial ends, however the known's medial ends are significantly further apart than the known's; proximity above the eyes is similar; unknown has two curved vertical glabellar lines at each medial ends that curve inward towards each other, whereas the known may have these creases but they are faint and are positioned lower

Features Observations Response Summary - Q8 Eyebrows		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	3 (4.8%)	
Dissimilar	56 (90.3%)	
Inconclusive	3 (4.8%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q8: Table 4.8(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Shape of the left and right medial canthus is dissimilar. Fold of the upper eyelids are dissimilar.
3UFTE6	Dissimilar	
44J8XH	Inconclusive	
474EX6	Dissimilar	The eye size and shape are dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Can see small amount of upper eyelids on both subjects, but known eyelids outer portion are more visible than inner. Unknown eyelids outer portion are not as visible
8BND4V	Dissimilar	angle of left/right medial canthus of Known(1) appear slightly more downward while Unknown(2) appears to have slightly more upward angle; visible creases under left eye of Unknown(2) appear to curve slightly rounder and closer toward eye than those of Known(1) which appear to have straighter angle to the curve
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAF7	Dissimilar	angle at which eyes sit on face appear different, unknown appears to be squinty slightly, but eye shapes appear a little different, medial canthus shapes and angles are different, eyelid shapes are different, lines coming from lateral ends of eyes are different and more pronounced in unknown, under eye line positions and curvatures are different as well
9WM27B	Dissimilar	Eyes are difficult to compare due to lighting and obstruction from unknowns glasses however the overall eye fissure, presence of sclera is dissimilar. the protrusion of the lower eyelid is also dissimilar.
A4GTRA	[Not Reported]	Similarities include: Inter-canthal distance; Eye fissure opening: angle; Asymmetry - right eye appears more hooded than the left in both images Dissimilarities include: due to facial expression; Eye fissure opening: shape; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle Not comparable;; Inter-pupillary distance; Lash characteristics; Eyeball prominence; Iris: irregularity of iris
A8F4MA	Dissimilar	Inter-canthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Similar	Placement of superior palpebral crease and appearance of crow's feet differs. Dissimilar medial canthi. Unknown: left eye seems protruding.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	

Image Set Q8: Table 4.8(g) - Eyes

WebCode	Observation	Feature Notes
BF6CMR	Similar	similar upper lids, outer corner of eyes, unk sub has puffiness under eyes
BGZVPT	Dissimilar	Known is more oval shaped and unknown are squinted
BVKBTR	Dissimilar	eyes seem different.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Eyelids and lines around the eyes appear dissimilar.
E2YXFT	Dissimilar	Eye fissure seems different
E7JQ38	Dissimilar	Dissimilar eye shape and angle and medial canthus shape and size.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	eye width is similar, eye distance from brows is similar; Unknown's eyes are more hooded. Superior orbital groove shape is dissimilar. Angle of medial canthus is dissimilar, but could possibly be contributed to difference in amount the eye is open
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Hard to compare due to unknown wearing glasses. Both have superior palpebral crease. Unknown has more pointed medial canthus
HVURP4	Dissimilar	The knowns eyes are open more than the unknowns. The canthus is slightly pointed down while the unknowns are not. The outer edge of the eye lid crease on the unknown points downward and is longer than that of the knowns. The under-eye creases are not consistent.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	various eye opening between two images, more creases in unknown than known, crows fetter deeper, longer, more pronounced in unknown
KCVE8G	Dissimilar	The contour of the palpebral fissure of known is inconsistent with the contour of the unknown image. The palpebral fissure of both the right and left eyes of known is longer than the length of unknown's palpebral fissures. The tissue under unknown's lower eyelids is full, puffy, bulges outward while the tissue under the known's lower eyelids is thin and curves slightly inward. The shape and size of the lateral and medial canthus are inconsistent between known and unknown images. The contour of known's iris is larger than unknown's iris. The lower rim of the lower eyelid of the known image is visible unlike the unknown image. Inter-canthal distance of known subject is inconsistent with the inter-canthal distance of unknown subject. The unknown image is wearing glasses with clear lenses and dark rims. The rim of the glasses is partially covering some details of the brow ridge, temples and upper area of the cheeks.
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	

Image Set Q8: Table 4.8(g) - Eyes

WebCode	Observation	Feature Notes
LYMV82	Dissimilar	Cannot distinguish eye color for Unk. Unk has superior palpebral creases that extend past lateral canthi.
MMPAFW	Dissimilar	
MX9NJY	Unable To Compare	
NPD6JF	Dissimilar	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The superior palpebral creases appear to be deeper/folded over on the unknown. The eyes appear to have a similar intercanthal distance. The shaping of the inferior palpebral creases appears to be inconsistent. The bags under the eyes appear to be larger on the unknown. The lateral portions of the eyelids appear to be more prominent on the known.
QFUJLW	Dissimilar	Not similar in shape/size/location/contour. Superior palpebral crease is not similar in shape. Inferior palpebral crease is not similar in shape/quantity. Medial canthus is not similar in shape/size. Lateral canthus is not similar size.
QKRZZB	Dissimilar	The overall eye shape of the probe and candidate are not consistent. The medial canthus along with the lateral canthus are different in shape. The eye fissure of the probe and candidate do not follow a similar path.
QT8L8U	Dissimilar	The fissure of the unknown appears more narrow and closed, the known has a large presence of the sclera, the shape of the medial canthus on the known is more pointed dipping downward while it is pointed but flat on the unknown. The shape and of the superior palpebral crease on the known allows for more of the upper eyelid to be visible while the superior palpebral crease of the right eye on the unknow does not allow the eye lid to be visible as much.
QY9X6C	Dissimilar	Shape is smaller in the unknown, sclera is larger in the known, known has blue eyes and the unknown has brown eyes, superior and inferior palpebral creases are dissimilar in size/shape/location, medial canthus slants downwards in the known where the unknown is straight across, eyelids are smaller in the unknown, crows feet are visible in the unknown and not in the known, mark near the right eye lateral canthus in the unknown that is not visible in the known
RJB49C	Dissimilar	Both candidates have similar folds on upper lids. Known candidate has larger eyes than unknown. Creases below lower lids differ.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	size of the eyes differ - shape of the medial and lateral canthus' differ - creases around the eyes differ

Image Set Q8: Table 4.8(g) - Eyes

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	unable to compare color due to lighting difference; similar overall size; unknown's shape appears more elongated than known; unknown's superior palpebral creases are more prominent and extend much lower and laterally than known; difference in shape and prominence of inferior palpebral creases; difference in infraorbital crease prominence especially under right eye; medial canthi in known angle downwards medially, but are relatively horizontal in unknown
VGDWFB	Dissimilar	Lateral canthus (shape and angle of outside of the eyes)
WK96YB	Dissimilar	
X2TF24	Dissimilar	Overall shape and size of eyes appear dissimilar; superior palpebral creases appear dissimilar in shape/angle; upper eyelid appears dissimilar in size; more sclera visible on K, may be due to expression; iris color appears lighter on K, may be due to lighting; inferior palpebral creases and infraorbital creases appear dissimilar in prominence and shape; intercanthal distance appears wider in K; interpupillary distance appears similar; medial canthi appear to be more downward in angle in K; periorbital creases present in U, may be due to aging
Z9L8L3	Dissimilar	It is difficult to tell the color of unknown's eyes. Known's eyes appear smaller and not as wide as unknown's
ZCKK6L	Dissimilar	approx. intercanthal distance is dissimilar, as the known's is greater; the degree of hoodedness is somewhat similar, however the shape of the superior palpebral crease is dissimilar, as the known's are rounder in shape, whereas the unknown's extend into the periorbital creases; the known's inferior palpebral and infraorbital creases are further apart and not as curved as the unknown's; the known only has one crease between the infraorbital crease and lower eyelid whereas the unknown has two; known has significantly more sclera visible, but this could partially be attributed to the pitch differences

Features Observations Response Summary - Q8 Eyes		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	4 (6.5%)
	Dissimilar	52 (83.9%)
	Inconclusive	4 (6.5%)
	Unable to Compare	2 (3.2%)
	Not Applicable	0 (0.0%)

Image Set Q8: Table 4.8(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Appear to have a similar fullness. Unknown has more facial hair.
3UFTE6	Dissimilar	
44J8XH	Unable To Compare	
474EX6	Similar	The width of the cheek is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Inconclusive	Cheek structure appears similar. Skin texture of cheeks on unknown is more textured while known appears smooth.
8BND4V	[Not Reported]	part of outline of cheeks of Unknown(2) partly obscured by facial hair
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAFD	Inconclusive	cheek shapes appear somewhat similar in both cheeks, but contouring in cheeks appear a little different
9WM27B	Similar	height and fullness of cheeks are dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: (facial expression) Cheekbone prominence; Cheek shape; Dimples
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Protrusion and width are similar
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar shape
BGVZPT	Similar	Similar in shape (some of unknown is blocked by facial hair)
BVKBTR	Inconclusive	similar cheeks, both flat.
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Cheeks appear more full in the known than the unknown. This could be due to weight difference. Part of the cheeks of the unknown are covered with facial hair.
E2YXFT	Similar	Similar shape
E7JQ38	Similar	Similar cheek minimal bone prominence and soft tissue fullness.

Image Set Q8: Table 4.8(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar shape and size; Known has a bit more fullness in center of cheek
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar shape. Both have a freckle on the right cheek out from the right nostril. Similar cheekbone prominence. No dimples visible
HVURP4	Similar	Similar in the puffiness, but the unknowns' cheeks appear slightly wider and longer in dimension. The known image has 2 marks/freckles on the right cheek while the unknown does not.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	multiple marks which are not consistent between images in location, color, and relationship
KCVE8G	Dissimilar	The known subject's cheeks are fuller, appears thicker, and cheekbones are higher than unknown subject's cheeks. The contour of the hair growth along the lower portion of the cheeks is inconsistent in shape and height, between the known and unknown subject. There is some shadowing and light reflection casting under the eyes and upper portion of cheeks from the glasses on unknown. There are 3 very small, round, darker, discolored areas adjacent to the right ala of the known image that are inconsistent with the unknown image.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	K has larger cheek area visible with a lower point of hair growth of beard. K has three distinct facial markings on the front of R cheek lateral to nasal base that are not in common with Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Inconclusive	The cheeks appear to be relatively unremarkable on both subjects with a same general size/shape.
QFUJLW	Similar	Similar in flat shape.
QKRZZB	Similar	The shape of the cheeks appears to be similar between the probe and candidate.
QT8L8U	Similar	Height of the cheek bones appears similar.
QY9X6C	Dissimilar	Marks on both cheeks in the known that are not visible in the unknown, the marks that are visible in the unknown are not in the same location as the known, cheek size appears to be smaller in the unknown, glasses of the unknown are putting a glare on some of the cheeks, the known cheeks have more of a red tint

Image Set Q8: Table 4.8(h) - Cheeks

WebCode	Observation	Feature Notes
RJB49C	Similar	The cheeks of both are consistent in shape, though small marks (possibly freckles) appear to be different.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67NZD	Dissimilar	
U8BE68	Dissimilar	cheeks of subjects appear similar in fullness - differ in texture and presence of facial marks
UGXDTR	Dissimilar	similar fullness and prominence to cheeks; various facial marks that are different in location, shape and prominence
VGDWFB	Dissimilar	Cheekbone, cheek shape
WK96YB	Dissimilar	
X2TF24	Inconclusive	Zygomatic bones appear more prominent in K; cheeks appear similar in shape and fullness
Z9L8L3	Dissimilar	The unknown has a small scar that is not present in the known. Overall shape and size is not vastly different, but due to facial hair it is difficult to make a complete comparison.
ZCKK6L	Dissimilar	shape, size, flatness, and cheekbone prominence is similar; the known has several facial marks throughout the cheek region, with three that are darker/more prominent on the right cheek in a triangular formation, along the nasolabial line, and three fainter lines along the left cheekbone, whereas the known's cheek region is completely covered in freckles and some darker facial marks

Features Observations Response Summary - Q8 Cheeks		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	26 (42.6%)
	Dissimilar	20 (32.8%)
	Inconclusive	12 (19.7%)
	Unable to Compare	2 (3.3%)
	Not Applicable	1 (1.6%)

Image Set Q8: Table 4.8(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Tip of the unknown's nose is more bulbous. Curvature of the nostrils are dissimilar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The nose shape is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Tip of nose on unknown appears to be wider than known. Tip of nose on unknown also appears to be slightly off center, towards the right.
8BND4V	Dissimilar	nasal tip appears slightly rounder/more bulbous for Unknown(2) than Known(1); right nostril opening of Unknown(2) appears to have slightly more bean shape compared to more oval shape of Known(1)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	nasal root indentation and width appear different, though someone covered by glasses in unknown, width and shape toward bottom of body and nasal tip are different, ala shapes appear a little different, nostril shapes are close in shape, but size appears different, columella shape appears somewhat similar but where alae connect is different
9WM27B	Dissimilar	nasal root and body appear similar. Alae of unknown appear thicker than that of known. The nostril shape is dissimilar. the width and thickness of the columella is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Nasal outline: shape, length, width; Nasal body: shape, angle, contour; Nasal tip: angle; Nasal base: width, height; Asymmetry and deviation - nose deviates to the left. right ala sits higher than the left in both images Dissimilarities include: (due to distortion and facial expression); Nasal outline: prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length; Nasal tip: shape; Nasal alae: thickness, shape; Nostrils: shape, size Not comparable: Nostrils: hair; Columella: width, length, relative position
A8F4MA	Dissimilar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: columella (soft tissue between nostrils)
A9BMPB	Dissimilar	U's tip is more bulbous and broader. Slightly similar asymmetry in nostrils.
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Dissimilar	known has thinner nose, different shaped nostrils
BGVZPT	Dissimilar	Unknown has a wider tip of the nose
BVKBTR	Dissimilar	nose seems thicker on unknown, size bigger on unknown.

Image Set Q8: Table 4.8(i) - Nose

WebCode	Observation	Feature Notes
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Right nostril of known appears larger than the left. Unknown's left nostril appears to be larger than the right.
E2YXFT	Dissimilar	Tip of the nose is pointing in opposite directions on both images, nasal base is wider on unknown image
E7JQ38	Dissimilar	Dissimilar nose bridge, body, tip, columella, alae, nostril shape, size and asymmetry.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Unknown bridge is thicker and more asymmetrical. Dissimilar nostril shape (Unknown's more asymmetrical). Similar length. Dissimilar tip shape/size.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a rounder nasal tip and a wider nasal body. Known has smaller nostrils
HVURP4	[Not Reported]	The bridge of the nose of the unknown is wider and the tip is boxier and fuller than that of the known image.
J4778Z	Dissimilar	one more pointed in the nasal tip than the other
JEFCV2	Dissimilar	nose tip thin in known and rounded in unknown
KCVE8G	Dissimilar	The bridge of known's nose is longer, straighter and more narrow than unknown nose. The tip of the unknown nose is more bulbous than the pointier tip of the known nose. The nares of both known and unknown images are visible/exposed and the openings are wide. The nares of both known and unknown images have a similar but inconsistent, sideways teardrop shape. The columella of the known image is longer, and the width is more consistent/uniform from back to front than the unknown's columella. The base of the unknown's nose is broader than known. The nasolabial folds are inconsistent in size, shape and placement between known and unknown images.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	K appears to have a slightly longer nose and has a narrower nasal body and nasal tip. K has a larger R nostril.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q8: Table 4.8(i) - Nose

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The nasal root appears to be wider on the known. The nasal body appears to be more irregular on the unknown however this could be due to the impressions from the glasses. The nasal tip appears to be bulbous and irregular on the unknown. The nostrils appear to be asymmetric on both subjects but in opposite ways. The ala appears to be thicker on the known.
QFUJLW	Dissimilar	Nasal root is not similar in width. Nasal body is not similar in shape/thickness. Nasal tip is not similar in shape/size. Columella is not similar in width or shape. Nostrils are not similar in shape or size. Ala are not similar in thickness/shape.
QKRZZB	Dissimilar	The shape of the nostrils appears to be different. The width of the columella of the probe appears to be wider than the candidate. The shape of the nasal base appears to be different.
QT8L8U	Dissimilar	The nasal body of the unknow is thicker, the nasal tip is more bulbous and wide, the right alae is much thicker, the nostril shape is different, and the width of the columella appears more thick than that of the known.
QY9X6C	Dissimilar	Nasal root is hard to say due to glasses covering in the unknown, length appears shorter in the unknown, bridge is narrower in the known, nasal base appears wider in the known, nostril shape/size is dissimilar, columella shape/size is dissimilar, tip of nose comes more to a point in the known, ala is thicker in the known, nasolabial folds are present in both but not in the same location or size/shape
RJB49C	Dissimilar	The nose on the known candidate is consistently narrow from the bridge to the tip. For the unknown candidate, the nose broadens from the bridge to the tip.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	general shape of the nose differs greatly - unknown leans to the right and known leans to the left
UGXDTR	Dissimilar	known nasal root appears wider; known's nasal bridge appears more narrow; similar nasal tip width; nostril shape appears different; unknown's nasal alae appear more defined in shape and attachment; similar less prominent nasolabial folds; various facial marks on nasal body that appear different
VGDWFB	Dissimilar	
WK96YB	Inconclusive	
X2TF24	Dissimilar	Nasal root appears wider in K from what is visible outside of glasses obstruction in U; nasal body appears wider in U; nasal tip appears wider and more bulbous in U, may be due to pitch; columella appears wider and deviates in U; nostrils appear larger in size in U; where alae attaches to upper lip appears thicker in U; left nostril appears to sit higher than right in both, however nostrils are slightly dissimilar in shape
Z9L8L3	Dissimilar	Nostrils appear similar in size and width however the nasal tip is wider and large in the unknown.

Image Set Q8: Table 4.8(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Similar	overall cone-like shape and size appears to be similar, however the unknown's appears to protrude to a greater degree; nasal body width and short length is similar; rounded nasal tip is similar, however the unknown's is more bulbous/thicker; nasal base, asymmetrical nostril shape and size, and ala shape and thickness is similar

Features Observations Response Summary - Q8 Nose		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	8 (13.1%)
	Dissimilar	49 (80.3%)
	Inconclusive	4 (6.6%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q8: Table 4.8(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Size of the ears are dissimilar, knowns are longer. Curvature of the left/right helix is dissimilar, more rounded on the unknown. Shape of the antihelix is dissimilar.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The ear shape is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Can see approximately the same amount of ears on both subjects. Unknown ears appear smaller and more rounded; also the inner portion of the ear does not extend past the outer edge of the ears. Known ears appear to have more of a point near the top and the inner portion of the ear extends past the outer line of the ear.
8BND4V	Dissimilar	overall curve of helix of Unknown(2) appears rounder than Known(1); helix of Known(1) thinner in thickness than Unknown(2), curve has slight divot going down; curve of antihelix of Known(1) lower down than Unknown(2) and protrudes more; overall size of ears of Known(1) appears larger than those of Unknown(2)
8FHAQ2	Dissimilar	left and right ear lobes are similar in term of size, shape and being detached, however helix is dissimilar
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	helix thickness and shapes are different in both ears, antihelix shapes are different, earlobe thicknesses is different, ear lengths appear different with known having slightly longer ears
9WM27B	Dissimilar	helix shape is dissimilar, as well as the thickness of the helix. The protrusion of the antihelix is also dissimilar. the helix notch observed in the left and right ear of known is not observed in the ears of the unknown. Overall shape and size is dissimilar.
A4GTRA	[Not Reported]	Similarities include:; Asymmetry - left ear sits slightly higher than the right in both images ;Overall ear: size, shape angle; Helix: size, shape; Antihelix: size, shape ;Scaphoid fossa: size, shape; Lobe: shape, attachment Dissimilarities include: Ear protrusion (subject to camera); Lobe: size Not comparable: (not observed in one or both) Tubercles: size, shape, quantity; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Dissimilar	Right and left ear protrusion, Overall right ear Overall left ear Right and left ear hélix, Right and left ear antihelix, Right and left ear lobule (lobe)
A9BMPB	Dissimilar	Superior part of helix differs
AE2ZQY	Similar	Very dissimilar
AQVDNB	Similar	

Image Set Q8: Table 4.8(j) - Ears

WebCode	Observation	Feature Notes
BF6CMR	Dissimilar	outer shape is much different between two subjects
BGZVPT	Dissimilar	Unknown has rounded ears and known has more pointed ears and appear longer
BVKBTR	Dissimilar	different tips, similar lobes on left, seem bigger on known.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Ears appear very different. The tip of the ears of the known are quite a bit thinner than that of the unknown.
E2YXFT	Dissimilar	Overall shape, especially helix area seems different
E7JQ38	Dissimilar	Dissimilar helix, antihelix, tubercle, scaphoid fossa, right tragus shape, size and thickness and lobe shape and size.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Dissimilar shape and length. Dissimilar helix thickness and shape. Dissimilar antihelix shape and thickness. Right tragus shape dissimilar. Known has helix tubercles on both ears
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Known has thinner helices and more prominent antihelices. Unknown has thicker lobes
HVURP4	Dissimilar	The helix on the known image is thin and pointy upwards while the unknowns are thicker and shorter all over.
J4778Z	Dissimilar	very different. one image has more pointed ears and the other more rounded at the top
JEFCV2	Dissimilar	outer rim shape dissimilar, lobes different shapes, curvature
KCVE8G	Dissimilar	Known's ears are longer and protrude further from the sides of the head than unknown ears. Known's ears are thinner than unknown's, thicker, fleshier ears. The tip of known's ears are pointier than unknown's ears. Details of both known and unknown's ears are highly visible and the superior crus, interior crus, tragus, helix, scapha, antihelix, concha, antitragus, and ear lobes are all inconsistent in contour, shape, thickness and size.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Upper helices are flatter with shallow scaphoid fossa on K. Unk has thick ear tissue all around helix and lobes.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	

Image Set Q8: Table 4.8(j) - Ears

WebCode	Observation	Feature Notes
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The shape, thickness, and length of both ears' helices appears to be dissimilar. The antihelices of both ears are more prominent on the known. The lobes appear to be bigger on the known
QFUJLW	Dissimilar	Helix is not similar in shape/size/contour. Anti-helix is not similar in shape/size/contour. Anti-tragus is not similar in shape. Lobe is not similar in shape/thickness
QKRZZB	Dissimilar	The size of the ears appears to dissimilar between the probe and candidate. The shape of the helix appears to be different. The antihelix shape also has dissimilarities as well. The shape of the lobe is different in shape and size.
QT8L8U	Dissimilar	The unknown has a thicker helix, less protruding antihelix, shorter ear length, and less protruding tragus than that of the known.
QY9X6C	Dissimilar	Shape is dissimilar, size is larger in the known, location is dissimilar, helix is thinner in the known, lobes are larger in the unknown, scaphold fossa is larger in size in the known, antitragus is dissimilar in shape/size, concha is larger in size in the known, crus of helix is dissimilar in shape/size, inferior crus of antihelix is dissimilar in shape/size
RJB49C	Dissimilar	Known's ear are longer and more narrow in shape from unknown's, whose are shorter and more rounded.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has then helices compared to very thick helices on the unknown.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	overall shape of the ears differ - unknown ears appear to be much fatter with thicker features compared to the known
UGXDTR	Dissimilar	known's ears appear larger in overall size; unknown's helices are different in shape and thickness; known's ear lobes are more elongated, but appear similar in attachment; known's anti-helices extend past helix, which is different than unknown
VGDWFB	Dissimilar	
WK96YB	Dissimilar	
X2TF24	Dissimilar	Shape and thickness of helix; shape/thickness/protrusion of antihelix; size/shape of lobes; shape/size of concha in both all appear dissimilar on left and right ears; overall size and placement on head appear dissimilar
Z9L8L3	Dissimilar	Ears are vastly different. Known has a thinner helix where the unknown's is more full.
ZCKK6L	Dissimilar	degree of protrusion is similar, however overall shape, size, and thickness is dissimilar; the known's ears are larger, possesses straight edges, and are thinner, whereas the unknown's are smaller, round in shape, and significantly and uniformly thicker; the unknown's helices, anti-helices, and lobes are thicker; the known's upper portion of the helices are thinner than the lower portions; the shape of the concha and scaphoid fossa of each ear is dissimilar

Features Observations Response Summary - Q8 Ears		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	4 (6.5%)	
Dissimilar	58 (93.5%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q8: Table 4.8(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Unknown's mouth is mostly covered by facial hair. Known's lips are pursed. Fissure appears to have a similar opening.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	One of the individual's mouth cannot be compared due to the facial hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Inconclusive	Known has his lips pursed together, making his mouth and lips small. Unknown has a full beard/ mustache that obscures the upper lip. Bottom of unknown appears fuller than known, but this could be due to expression change
8BND4V	[Not Reported]	difficult to compare details of mouth due to presence of facial hair; both appear to have thin lower lips, appears to have straighter shape to lower vermilion border for Known(1) than Unknown(2)
8FHAQ2	Unable To Compare	
8T7EYX	Dissimilar	
9NAAFD	Inconclusive	unknown's mouth is darkened or covered by mustache, fissure appear somewhat similar, known has notch in middle of top lip that cant be seen on unknown, bottom lip size appears similar
9WM27B	Unable To Compare	Due to facial hair coverage, the mouth was not utilized in this comparison outside of generalities as far as potential size which appears similar.
A4GTRA	[Not Reported]	Dissimilarities include: (due to facial expression); Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape ; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Lip fissure: shape, degree of contact, angle Not comparable: Asymmetry; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Whiteroll on K's lower lip, not visible on U's lip. Too much occlusion by facial hair
AE2ZQY	Unable To Compare	
AQVDNB	Inconclusive	
BF6CMR	Unable To Compare	only bottom lip is shown in unk, hard to compare
BGVZPT	Dissimilar	Unknown is hampered by facial hair but appears to have fuller lips.
BVKBTR	Inconclusive	covered by facial hair on unknown, hard to compare.
BYKLNK	Inconclusive	

Image Set Q8: Table 4.8(k) - Mouth

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Lower lip of the unknown appears slightly fuller than the known. Not much more can be compared due to facial hair of unknown and expression of known.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar fissure shape and lower lip tone and fullness.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Similar	Unknown upper lip covered with mustache. Lower lip similar in shape, width, and fullness.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Hard to compare due to mustache in unknown. Known has a thinner bottom lip that could be due to his facial expression
HVURP4	Dissimilar	The bottom lip of the unknown image is fuller than that of the known. Upper lip is hidden on the unknowns.
J4778Z	Dissimilar	
JEFCV2	Inconclusive	known image affected by expression, unknown upper lip obscured by facial hair
KCVE8G	Dissimilar	Unknown's lower lip is wider than known's lower lip. Unknown's upper lip is covered by coarse facial hair. The hair growth pattern and contour at the philtrum is inconsistent. The unknown's philtrum protrudes slightly more than known.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Unk has most of mouth area covered by mustache and beard, lower lip appears to be thin. Mustache growth pattern area is larger for Unk and closer to the mouth and thinner for K.
MMPAFW	Dissimilar	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Dissimilar	lower lip
QCV8PW	Inconclusive	The majority of the mouth is obstructed due to facial hair on the unknown. The lower lip appears to have a similar size (where visible)
QFUJLW	Unable To Compare	Can not compare due to facial hair.
QKRZZB	Not Applicable	Difficult to compare due to the facial hair on the probe.
QT8L8U	Unable To Compare	Unknown's mouth is obstructed by hair.

Image Set Q8: Table 4.8(k) - Mouth

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Width of mouth appears to be smaller in the unknown, upper lip of unknown is covered by beard growth, bottom lip of unknown sticks out further than the known, marionette lines are visible in the known but not the unknown but could be due to beard growth, fissure of mouth is dissimilar, lip color is dissimilar – unknown is darker
RJB49C	Unable To Compare	Facial hair obstructs most of the mouth on the unknown candidate.
RTFBMC	Unable To Compare	full comparison hindered by facial hair
T9A37R	Similar	
TLDKJC	Unable To Compare	
TQ9EET	Inconclusive	
U67Nzd	Inconclusive	
U8BE68	Unable To Compare	mouth of the unknown is hidden by facial hair
UGXDTR	Inconclusive	similar overall size; similar thickness/fullness to lips; similar downward angle to lip fissure; unable to fully compare upper lip shape due to facial hair covering in unknown
VGDWFB	Dissimilar	Overall shap and size
WK96YB	Inconclusive	
X2TF24	Inconclusive	Lower lip appears similar in fullness and lower vermillion border appears similar; upper lip obstructed by facial hair in U; distance from nasal base to upper lip appears dissimilar, longer in U
Z9L8L3	Dissimilar	Known's lip are thinner and more flat. Unknown's lower lip appears to be more full.
ZCKK6L	Inconclusive	most of the unknown's mouth is obstructed by facial hair coverage, so only the lower lip is available for comparison; the lower lip is similar in curved shape and pink color, however the known's lower lip is uniformly thinner, whereas the unknown's lower lip protrudes more on the left side and is thicker

Features Observations Response Summary - Q8 Mouth		Total Participants: 61
Response	Percent Reported	
Similar	5 (8.2%)	
Dissimilar	14 (23.0%)	
Inconclusive	19 (31.1%)	
Unable to Compare	20 (32.8%)	
Not Applicable	3 (4.9%)	

Image Set Q8: Table 4.8(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Inconclusive	Chin and jawline mostly covered on the unknown. Curvature of the jawline appears to be rounded on both subjects.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	One of the individual's jawline cannot be compared due to the facial hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Inconclusive	No significant difference noted in the jaw line between the two subjects. Chin definition on unknown is obscured by his beard.
8BND4V	Unable To Compare	difficult to compare details of chin/jawline due to presence of facial hair, particularly for the Unknown(2)
8FHAQ2	Unable To Compare	unknown ones beard disables to compare
8T7EYX	Unable To Compare	
9NAAFD	Inconclusive	unknown's jawline and chin covered with hair unable to really make out much from those because of that
9WM27B	Similar	unable to compare chin due to facial hair of unknown providing obstruction. jawline is observed to be similar.
A4GTRA	[Not Reported]	Similarities include: Jawline: shape, definition; Asymmetry - right side is more squared than the left Dissimilarities include: (due to facial expression) Chin: overall shape, length, width relative of rest of face, prominence, details; Gonial angle: shape, definition
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	U's chin covered by facial hair. K's jawline more protruding than U's
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	unk has beard covering shape of chin
BGZVPT	Dissimilar	Unknown has a more angled jawline and the known has a more rounded jawline
BVKBTR	Inconclusive	consistent, but is hidden by facial hair
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Inconclusive	
D3D3DQ	Unable To Compare	While jawline does appear similar, it is difficult to compare the chin and jawline due to facial hair of the unknown.

Image Set Q8: Table 4.8(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Unknown: Facial hair limits visibility and assessment.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	Overall shape appears like it could be similar, but Unknown's jawline/chin is covered with beard growth.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	Unable to compare due to beard growth of unknown
HVURP4	Dissimilar	The unknowns is covered with by beard and mustache so difficult to determine.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	both have facial hair, but different coloring, growth pattern
KCVE8G	Dissimilar	The jaw of the unknown image appears to be equal in width to the neckline but could be due to the slight backward pitch of the head. Unknown's gonial angle appears narrower than known. Unknown has a coarse, medium length beard/facial hair that is longer around the chin and shorter along the jaw. Known has short, facial hair/beard growth along the jaw, chin and upper lip that is even in length. The facial hair growth pattern is inconsistent between known and unknown.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Unk has thick beard covering jawline and chin.
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Inconclusive	The general width of the chin may be similar however the true shaped is obstructed due to the facial hair. The jawline appears to have a similar general shaping.
QFUJLW	Unable To Compare	Gonial Angle is similar. Can not compare shape of the chin due to facial hair.
QKRZZB	Not Applicable	Covered by facial hair on the probe.
QT8L8U	Unable To Compare	Obstructed by hair

Image Set Q8: Table 4.8(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Chin size/shape is hard to say due to beard growth, jawline appears to be shorter in the unknown but could be due to beard growth, mentolabial sulcus is visible in the known but not the unknown due to beard growth, marks on the known chin that are not visible in the unknown which could be due to beard growth
RJB49C	Unable To Compare	Facial hair obstructs most of the chin/jawline on the unknown candidate.
RTFBMC	Unable To Compare	full comparison hindered by facial hair
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67Nzd	Inconclusive	
U8BE68	Unable To Compare	chin of unknown is hidden by facial hair
UGXDTR	Inconclusive	similar jawline shape and prominence; unable to compare chin shape and prominence due to facial hair covering in unknown
VGDWFB	Unable To Compare	
WK96YB	Inconclusive	
X2TF24	Similar	Chin obstructed by facial hair in U; jawline appears similar in shape/definition on sides, appears a bit wider on U
Z9L8L3	Unable To Compare	Difficult to compare due to the facial hair on the unknown.
ZCKK6L	Unable To Compare	due to the unknown's facial hair coverage

Features Observations Response Summary - Q8 Chin/Jawline		Total Participants: 61
Response	Percent Reported	
Similar	5 (8.2%)	
Dissimilar	8 (13.1%)	
Inconclusive	13 (21.3%)	
Unable to Compare	31 (50.8%)	
Not Applicable	4 (6.6%)	

Image Set Q8: Table 4.8(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns neck is more textured. Neck creases are dissimilar.
3UFTE6	Similar	
44J8XH	Dissimilar	
474EX6	Unable To Compare	One of the individual's neck cannot be compared due to the facial hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Unknown has a triangular shadow on the middle portion of his neck due to lighting. Both subjects have two horizontal lines on their necks. The horizontal lines on unknown go from right side to left side. The horizontal lines on known are more in the middle of the neck not extending to the right and left edges of the neck
8BND4V	Dissimilar	difference in distance/shape of neck wrinkles in relation to one another for Unknown(2) than Known(1); more visible angular creases to left/right sides of neck for Unknown(2) than Known(1) which appears to have rounder curves
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	similar thickness, neck line positions and curvatures are different, unknown's pores appear further apart on neck toward bottom
9WM27B	Dissimilar	While length and width appear similar, facial marks and necklines appear dissimilar as well as facial hair growth pattern.
A4GTRA	[Not Reported]	Not comparable due to pose: Overall neck: width, height, details; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Similar	Apart from skin and lines
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	similar neck lines
BGVPT	Dissimilar	Unknown has a rougher skin texture
BVKBTR	Dissimilar	neck seems different, much more leathery on unknown. seems taller on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	

Image Set Q8: Table 4.8(m) - Neck

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	There are several bumps and possible scarring on the unknown that is not visible in the known. Also, lines on the neck appear dissimilar.
E2YXFT	Dissimilar	Wider on unknown image
E7JQ38	Similar	Similar neck length and width.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar height and width
FG99H7	Inconclusive	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown has more a wrinkled skin texture. Both have a crease under the adam's apple
HVURP4	Dissimilar	The unknowns appear wider/thicker. The creases are not consistent, and the known image has a mark in the center that is not visible on the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	multiple marks and creases which do not relate across the images
KCVE8G	Dissimilar	Unknown's neck appears wider at the base of the head, becoming slightly narrower at the shoulders, while known's neck appears narrow at the base of the head and widens toward the shoulders. Both known and unknown have 2 parallel lines running horizontally across the neck, but their shape is inconsistent. Tiny, individual lines that make up the epidermis are visible in the image of the unknown's neck making the texture of unknown's skin appear rougher than known's skin texture.
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	neck lines appear lower on the neck for K.
MMPAFW	Similar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The neck appears to be wider on the unknown. The unknown appears to have more texture and wrinkles that are not as visible (or absent) on the known.
QFUJLW	Inconclusive	Similar in width. Neck wrinkles is not similar in location/quantity
QKRZZB	Dissimilar	The neck wrinkles do not line up between the probe and candidate.
QT8L8U	Dissimilar	Thickness looks similar, however, the horizontal lines appear to occur in different areas of the neck. The unknown has more prominent horizontal neck lines than that of the known.

Image Set Q8: Table 4.8(m) - Neck

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Width is wider in the unknown, neck creases are dissimilar in size/shape, unknown has more neck creases, marks on the known neck that are not in the same location of the unknown
RJB49C	Inconclusive	Both candidates' necks are consistent in width and length. Unable to compare neck creases due to unknown candidate's facial air.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Dissimilar	necks appear similar in relative thickness - neck creases of the unknown appear more prominent
UGXDTR	Dissimilar	similar neck width; various neck creases that appear different in number, prominence and relative location; known has a prominent facial mark present in the middle of the neck that is not readily visible on the unknown
VGDWFB	Dissimilar	Wrinkles, folds ,wattle
WK96YB	Similar	
X2TF24	Dissimilar	Neck appears wider in U; similar creases on neck; marks on neck of U and K dissimilar in location/shape/size
Z9L8L3	Dissimilar	Known's neck might be slightly thinner. Both have creases, but in different areas than each other therefore they are dissimilar.
ZCKK6L	Dissimilar	width and length is similar, however the musculature is dissimilar, as the known's appears to be thicker, specifically the area between the uppermost neck crease and the chin; both have two neck crease/wrinkles, however they are different in appearance and location on the neck, as the known's are positioned closer to the base of the neck, whereas the unknown's are more so in the middle of the neck; the creases are also drastically dissimilar in appearance; the unknown appears to have some type of scar-like material at the base of the neck that is not visible/ present on the known

Features Observations Response Summary - Q8 Neck		Total Participants: 62
Response	Percent Reported	
Similar	11 (17.7%)	
Dissimilar	39 (62.9%)	
Inconclusive	8 (12.9%)	
Unable to Compare	3 (4.8%)	
Not Applicable	1 (1.6%)	

Image Set Q8: Table 4.8(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Tone of the facial hair is dissimilar. Growth pattern is dissimilar, known doesn't have growth in the chin area.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The position and color of the beard is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both subjects have a beard and mustache. Known is cleaner shaven, shorter hair. Known hair is more blond in color with some grey. Unknown hair is more grown out and longer. Unknown hair is brown/ red in color with some gray. Unknown appears to be able to grow more hair below the mouth, this could be due to hair being longer and looking like there is more. The line of hair on the cheeks and at the corners of the mouth does not appear to be in the same place on the face.
8BND4V	Dissimilar	Unknown(2) has longer/darker facial hair present on face/chin; appears to be difference in shape of visible outline of facial hair along cheeks, slightly more inward curve toward center of cheeks for Known(1) than Unknown(2); more facial hair growth present on chin and below lower lip for Unknown(2) than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	known has a light beard, unknown has thick goatee with a little less growth on rest of beard, growth pattern in sideburn areas appear different, soul patch area growth pattern appears different
9WM27B	Dissimilar	Facial hair grooming, color, growth pattern are dissimilar. The known has facial hair that is graying on the jawline and that is not observed in the unknown.
A4GTRA	[Not Reported]	Not comparable (not observed in both) Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Dissimilar	Right and left ear lobule (lobe)
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar hair/beard line. Unk sub has redder beard
BGVPT	Dissimilar	Both have facial hair. The unknown has much thicker full beard.

Image Set Q8: Table 4.8(n) - Facial Hair

WebCode	Observation	Feature Notes
BVKBTR	Inconclusive	hair pattern seems different
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEV	Dissimilar	
D3D3DQ	Dissimilar	Pattern of facial hair appears dissimilar, but unknown's facial hair is also longer than the known.
E2YXFT	Dissimilar	Colour and texture seem different, hair is longer on unknown image
E7JQ38	Dissimilar	Dissimilar facial hair style, length, tone and hairless patches under the lower lip.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	dissimilar hair growth pattern
FG99H7	Inconclusive	
GM7H34	Similar	
H7ZBPM	Dissimilar	unknown has dark and more coarse facial hair. Beard hairline is similar
HVURP4	Dissimilar	Full beard and mustache on the unknown image while the known have more close-cut beard and mustache growth. The known has grayer in the facial hair than the unknown image.
J4778Z	Dissimilar	different colors
JEFCV2	Dissimilar	darker in unknown image, different growth patterns
KCVE8G	Dissimilar	both have facial hair that has been mentioned above
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	hair growth pattern is not in common areas for K and Unk. K appears to have more grey in the beard than Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The facial hair appears to have a different coloration, facial hair growth pattern, and texture.
QFUJLW	Dissimilar	Not similar in color/length/growth pattern.
QKRZZB	Dissimilar	Both probe and candidate have facial but the growth pattern of the facial hair are different between the two individuals.

Image Set Q8: Table 4.8(n) - Facial Hair

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	The color, grooming, density, and growth pattern of the unknown's appears different than that of the known.
QY9X6C	Dissimilar	Both have a beard, the unknown is longer in length, color is dissimilar, growth location is dissimilar – the beard comes higher up on the cheek in the known, beard covers all of the chin in the unknown and only lower half of the known, mustache is thicker/covers more in the unknown
RJB49C	Dissimilar	Known candidate has short beard growth and hair is lighter in color. Unknown had fuller beard and dark hair.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has bare skin on the lower left and right portions of the bottom lip whereas the unknown has full hair in that area.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	both subjects have facial hair but they differ in color, thickness and growth pattern
UGXDTR	Dissimilar	both individuals have full beards and mustaches, but different in relative length; the growth pattern appears slightly different as the beard meets the goatee/mustache area; knowns hair color appears lighter with different areas of gray hair
VGDWFB	Dissimilar	Facial hair above upper lip (noticeably longer hairs, Facial hair below lower lip(continuity with facial hair on sides or below)
WK96YB	Dissimilar	
X2TF24	Dissimilar	Facial hair appears dissimilar in thickness, thicker on U, may be due to grooming; facial hair present all the way across lower vermilion border of U, not visible in growth pattern towards corners of mouth under lower vermilion border on K; some variation in tone, however dissimilar in location; color appears dissimilar; facial hair on neck extends on K, not visible in U, may be due to intentional alterations
Z9L8L3	Dissimilar	Both have facial hair, both are different in color, growth and texture. Unknown has reddish facial hair while known is light brown to gray/white.
ZCKK6L	Dissimilar	color, growth pattern/ distribution shape, and length is dissimilar, as the known's is lighter, shorter, and covers more area in the cheek region, whereas the unknown's is red in color and longer; the known's mustache grows in a circus tent shape whereas the unknown's extends more in a diagonal manner

Features Observations Response Summary - Q8 Facial Hair		Total Participants: 61
	Response	Percent Reported
	Similar	6 (9.8%)
	Dissimilar	49 (80.3%)
	Inconclusive	4 (6.6%)
	Unable to Compare	1 (1.6%)
	Not Applicable	1 (1.6%)

Image Set Q8: Table 4.8(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Frontal lines are dissimilar in prominence and location. Unknown has crows feet not found on the known. Infraorbital creases are more prominent on the unknown. Unknown has faint vertical glabellar lines, not found on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The wrinkle on the forehead and the inferior palpebral creases are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	In addition to above discussed facial lines....Lines around the eyes are dissimilar between subjects, amount, location, and shape.
8BND4V	Dissimilar	more prominent frontal lines present for Unknown(2) which are not present for Known(1); Unknown(2) has presence of more prominent vertical glabellar lines that do not appear present for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	discussed in above categories, not able to see much of nasolabial lines in unknown to compare to known
9WM27B	Dissimilar	Frontal lines, glabellar lines and neck lines observed in unknown are not observed in image of known. Crows feet observed in image of unknown are not observed in image of known.
A4GTRA	[Not Reported]	Similarities include: Frontal lines – location; Vertical glabellar; Superior palpebral crease – asymmetry; Inferior palpebral crease – location; Infraorbital crease – location; Cleft chin; Nasolabial crease – location Dissimilarities include:; Frontal lines – prominence; Periorbital lines - due to facial expression; Superior palpebral crease – prominence; Inferior palpebral crease – prominence; Infraorbital crease – prominence; Nasolabial crease – prominence; Buccal creases Not comparable: Nasion crease; Lateral nasal lines; Bifid nose crease; Circumoral striae; Mentolabial sulcus; Marionette lines; Wrinkles on neck; Other creases
A8F4MA	Dissimilar	Frontal lines (forehead wrinkles), Vertical glabellar line, Right and left superior palpebral crease
A9BMPB	Dissimilar	Somewhat similar but small differences, like the horizontal line on the neck, placed at the same spot but looks different. Forehead and around eyes: dissimilar, but possibly affected by ageing and lighting.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk sub has deeper lines in forehead, around eyes
BGVZPT	Dissimilar	Lines on forehead on the unknow.

Image Set Q8: Table 4.8(o) - Facial Lines

WebCode	Observation	Feature Notes
BVKBTR	Not Applicable	Not enough detail to compare lines, inconsistent, forehead lines not present on known from unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Inconclusive	
D3D3DQ	Dissimilar	Two vertical lines observed between eyes of the unknown that is not observed in the known. Other dissimilarities are mentioned in the section regarding eyes and forehead.
E2YXFT	Dissimilar	Numer of horizontal lines on the forehead is different, vertical glabellar lines are more prominent on unknown image, creases on the upper eyelid and under the eyes are different
E7JQ38	Dissimilar	Dissimilar superior and inferior palpebral crease and neck crease shape, size, number and placement.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	dissimilar inferior palpebral creases, periorbital lines, and transverse frontal lines. somewhat similar nasolabial furrows and neck creases, but neck creases appear lower on neck of Known.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	discussed above
HVURP4	Dissimilar	Creases under the eyes do not match up.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	dissimilar throughout images
KCVE8G	Dissimilar	previously noted
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	Both subjects present with frontal lines, but they appear to have different contours. The unknown appears to have two visible vertical glabellar lines that are not visible on the known. The rest of the facial lines are mentioned above.

Image Set Q8: Table 4.8(o) - Facial Lines

WebCode	Observation	Feature Notes
QFUJLW	Dissimilar	Discussed in earlier sections
QKRZZB	Dissimilar	Frontal lines on the probe do not line up with the frontal lines on the candidate. The periorbital lines on the probe are not present on the candidate. The inferior palpebral creases of the left and right eyes on the probe are not the same the creases on the candidate.
QT8L8U	Dissimilar	The unknown's frontal lines, right and left periorbital creases, appear to be more prominent than that of the known'
QY9X6C	Not Applicable	
RJB49C	Dissimilar	Creases on forehead and around the eyes appear dissimilar.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown has deep frontal lines.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZZ	Similar	
U8BE68	Dissimilar	mentioned in the forehead, eyes and neck sections of this comparison
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Dissimilar	Frontal Lines
WK96YB	Similar	
X2TF24	Dissimilar	Nasolabial folds appear similar on left side, right side appears more defined and extends longer on U; others aforementioned
Z9L8L3	Dissimilar	Unknown has distinct forehead creases that are not present in known.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q8 Facial Lines		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	5 (8.2%)
	Dissimilar	50 (82.0%)
	Inconclusive	2 (3.3%)
	Unable to Compare	1 (1.6%)
	Not Applicable	3 (4.9%)

Image Set Q8: Table 4.8(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Dissimilar	potential scar above lateral end of right eyebrow of Known(1) does not appear present for Unknown(2)
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Nil observed: Location; Shape; Orientation; Size; Tonality; Prominence
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	Possible scarring mentioned in the section regarding neck.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed
E9D7GU	Inconclusive	

Image Set Q8: Table 4.8(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	None noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	potential scar in eyebrow of unknown, possible depressions throughout unknown not in known
KCVE8G	Not Applicable	no notable scars
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	above left eye of known
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q8: Table 4.8(p) - Scars

WebCode	Observation	Feature Notes
VGDWFB	Dissimilar	Left eyebrow
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Dissimilar	Unknown has a scar on his left cheek that is not observed in known.
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q8 Scars		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	1 (1.7%)
	Dissimilar	9 (15.0%)
	Inconclusive	2 (3.3%)
	Unable to Compare	0 (0.0%)
	Not Applicable	48 (80.0%)

Image Set Q8: Table 4.8(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Two facial marks on the forehead of the known, not found on the unknown. Facial marks on the right cheek of the known not found on the unknown. Unknown has possible age spots, not found on the known.
3UFTE6	Similar	
44J8XH	Dissimilar	
474EX6	Dissimilar	One of the individuals has a mole on the forehead.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has facial marks on the forehead and right cheek, these are not visible on the unknown.
8BND4V	Dissimilar	circular facial mark above right eyebrow of Known(1) does not appear present for Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	known has mark on right side of forehead not seen on unknown, known also has 3 marks on right cheek where unknown only has 1 in same area on his cheek
9WM27B	Dissimilar	freckles/facial marks on unknown hairline are not observed on known. There is a facial mark on the right forehead of known that is larger and placed differently than the facial mark on the right side of the forehead of unknown.
A4GTRA	[Not Reported]	Similarities include: Facial mark on the left side of the forehead; Facial mark on the left cheek; Facial mark adjacent to the right nasolabial fold Dissimilarities include: Facial mark on the right cheek of R1 not observed in Q1
A8F4MA	Dissimilar	Skin mark in right brow, three skin marks in right cheekbone
A9BMPB	Dissimilar	Possibly apart from 3 cm below/to the right of right nostril
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	both subjects have marks on face but aren't matching up to each other
BGVZPT	Dissimilar	The known has several marks around the forehead area and left cheek that do not line up with the unknown.
BVKBTR	Dissimilar	marks are inconsistent, however, two on right side of nose seem to match up but are not exact. forehead marks and moles don't seem to line up. other marks on cheeks don't line up.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q8: Table 4.8(q) - Facial Marks

WebCode	Observation	Feature Notes
D2JEVW	Inconclusive	
D3D3DQ	Dissimilar	Facial marks on right cheek of known is dissimilar in position than of that on the unknown. Other dissimilarities of facial marks mentioned in section regarding forehead.
E2YXFT	Dissimilar	More pigmentation spots across the face (forehad, nose, cheeks) on unknown image, more moles across the face on known image, areas with pigmentation and moles do not match
E7JQ38	Dissimilar	Unknown: Various freckles visible. Darker tone skin marks visible on the lower right half of neck not visible in the Known. Known: Darker tone skin marks visible on the forehead (above right eyebrow, above right eyebrow medial canthus, upper left side of forehead) and a constellation of darker tone skin marks visible on the lower right cheek by the ala not visible in the Unknown.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	dissimilar marks on forehead and cheeks
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	discussed above
HVURP4	Dissimilar	Noted above.
J4778Z	Dissimilar	MArks on forehead for one image and not the other
JEFCV2	Dissimilar	multiple in both images, but dissimilar in relationship throughout images
KCVE8G	Dissimilar	noted above
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	There are multiple facial marks on both subjects however they appear to be in different locations, coloration, and amount.
QFUJLW	Dissimilar	Discussed in earlier sections
QKRZZB	Dissimilar	Facial marks are visible on both the probe and candidate but they do not line up between one another.

Image Set Q8: Table 4.8(q) - Facial Marks

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	The unknown has a generous amount of sun spots/discoloration on the right and left sides of the forehead that are not visible on the known. The known has a mark above the right eyebrow on the forehead, a mark on the forehead near the left hairline, a mark in the nasal labial fold line, and two marks outside the nasal labial fold line that are not visible on the unknown.
QY9X6C	Not Applicable	
RJB49C	Dissimilar	Freckles and/or moles on each are inconsistent.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	mentioned in the forehead and cheek sections of this comparison
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Dissimilar	Moles right forehead, dark patches on forehead
WK96YB	Similar	
X2TF24	Dissimilar	A few facial marks to the right of nose that appear similar, others on nose, left cheek, forehead, and neck appear dissimilar in quantity/location/size/color
Z9L8L3	Dissimilar	Both known and unknown have facial marks, but are not in the same position or size.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q8 Facial Marks		Total Participants: 61
Response	Percent Reported	
Similar	4 (6.6%)	
Dissimilar	53 (86.9%)	
Inconclusive	1 (1.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	3 (4.9%)	

Image Set Q8: Table 4.8(r) - Alterations

WebCode	Observation	Feature Notes
2EKB7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Pose, Glasses, lighting
2XLVQ2	Dissimilar	Unknown has on glasses.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	[Not Reported]	Unknown(2) is wearing glasses
8FHQAQ2	Inconclusive	unknown onw has eyeglass but this is inconclusive to dtermine whether they are same person or not
8T7EYX	Dissimilar	pose- eye glasses-lighting
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not observed: Piercing; Makeup; Tattoo; Other
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Dissimilar	Unknown is wearing glasses
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Similar	Glasses on unknown image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Dissimilar	

Image Set Q8: Table 4.8(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Unable To Compare	Unknown wearing glasses
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	The unknown image has glasses on while the known does not.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	unknown wearing glasses, known is not
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	Unk has glasses on.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Glasses and forehead akin color
PT369V	Similar	facial expression
QCV8PW	[No observations reported for this feature.]	
QFUJLW	[No observations reported for this feature.]	
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Unknown has glasses on
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Dissimilar	unknown is wearing glasses

Image Set Q8: Table 4.8(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Dissimilar	unknown is wearing glasses

Features Observations Response Summary - Q8 Alterations			Total Participants: 54
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	4 (7.4%)	
	Dissimilar	12 (22.2%)	
	Inconclusive	1 (1.9%)	
	Unable to Compare	1 (1.9%)	
	Not Applicable	36 (66.7%)	

Image Set Q8: Table 4.8(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison Limitations		Examination limitations: The images displayed a number of limiting factors including, but not limited to, age, facial expression, pose, lighting and image quality conditions. These limited the comparison and the observations that were able to be made
E7JQ38	Limitations	NotApplicable	Lighting, pose, ageing and occlusion (glasses and facial hair). Capture dates suggest the Known is older than the Unknown. The Unknown appears to be younger than the Known.
EYNFWN	head positions	Dissimilar	dissimilar pitch
JEFCV2	lighting		unknown image has lighting issues
PT369V	glasses	Dissimilar	
QY9X6C	Overall Image Quality		Both frontal image good quality images, both have their head tilted back

Detailed Feature Observations

TABLE 4 - Image Set Q9

Image Set Q9: Table 4.9(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin is similar. Unknowns skin has more shine to it.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The skin tone is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects are white females. Known skin is slightly paler.
8BND4V	Similar	similar lighter skin tones, difference in lighting in images
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar tone and texture between known and unknown, similar luminance as well
9WM27B	Similar	skin color texture and tone appears similar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Similar	Maturity
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar color, texture
BGZVPT	Similar	Similar in color and texture
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar. Unknown appears a little darker but also appears to be wearing makeup though.
E2YXFT	Similar	Similar texture

Image Set Q9: Table 4.9(a) - Skin

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar skin tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar tone and texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Texture is similar. Unknown has more luminance probably due to flash on camera
HVURP4	Similar	Similar in texture and skin coloration.
J4778Z	Similar	Similar color and texture
JEFCV2	Similar	similar coloring, some redness in unknown which
KCVE8G	Similar	Both known and unknown have fair skin complexion with a slight pink tone. Both images have age related changes to the skin such as lines, creases, sagging and/or loose skin. Both images appear similar in age with the known subject appearing slightly older. Both images are close in weight
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have light skin and are both older. K appears to be slightly more aged.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to have a similar light/fair skin tone with similar texture between them. There appears to be more of a reddish hue on the unknown, but this could be due to exposure, lighting, or imaging conditions.
QFUJLW	Similar	Skin is similar in color
QKRZZB	Similar	Skin tones appears to be similar between the probe and candidate.
QT8L8U	Similar	Skin coloring and texture appear similar.
QY9X6C	Similar	Tone is brighter in the unknown due to lighting, texture is similar - the known has makeup on covering some of the texture making it appear smoother in spots, it appears the known may have makeup on covering some of the tone and texture
RJB49C	Similar	Skin is similar in color and texture, including wrinkle patterns.
RTFBMC	Similar	

Image Set Q9: Table 4.9(a) - Skin

WebCode	Observation	Feature Notes
T9A37R	Similar	Both images have similar skin texture aging.
TLDKJC	Similar	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	skin tone appears to differ slightly - texture of the skin appears to be similar
UGXDTR	Similar	similar skin tone and texture
VGDWFB	Similar	Luminance and color
WK96YB	Similar	
X2TF24	Similar	Skin appears similar in texture, appears dissimilar in tone and luminance, may be due to lighting
Z9L8L3	Similar	Both are caucasian older females.
ZCKK6L	Similar	age and weathered texture and tanned complexion is similar, however the unknown is more tanned, but this can be attributed to differences in sun exposure/time of year

Features Observations Response Summary - Q9 Skin		Total Participants: 62
Response	Percent Reported	
Similar	60 (96.8%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q9: Table 4.9(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Shape of the head is rounded on known and unknown, appears to be longer on known possibly due to the difference in angles.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The contours of the lower face shape are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have slim faces. Unknown head appears fuller.
8BND4V	Similar	similar shape to visible face/head outline
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	both have similar head shapes, though unknown's appears wider due to head position and aspect of image capture
9WM27B	Similar	Overall face shape is similar, however, unknown's face does appear more round which can be explained by weight loss occurring between the time photos were taken.
A4GTRA	[Not Reported]	Dissimilarities include: Overall shape of the face Not comparable: Shape of the cranial vault
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	oval for both
BGVPT	Similar	Similar in size and shape
BVKBTR	Inconclusive	seems similar but not sure why known seems skinnier.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEV	Similar	
D3D3DQ	Similar	Face outline appears similar.
E2YXFT	Dissimilar	Face is a bit wider on unknown image
E7JQ38	Similar	Similar overall shape of face.

Image Set Q9: Table 4.9(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar shape, some perspective distortion noted in Known
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar cranial vault. both have an oval shaped face
HVURP4	Similar	Face/head outline is similar in shape and size.
J4778Z	Similar	
JEFCV2	Similar	
KCVE8G	Similar	Consistent contour and rectangular shape. Features have similar placement on the face. Both known and unknown images have a mostly symmetrical face
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Not Applicable	Both appear to have oval faces.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The face/head outline appears to be similar with a thinner cranial vault, wider cheek area, and thinner chin area.
QFUJLW	Similar	Similar in oval shape.
QKRZZB	Similar	The overall shape of the face appears to be similar between the probe and candidate.
QT8L8U	Inconclusive	Head and partial face shape obstructed by hair. Lower face shape appears similar.
QY9X6C	Similar	The overall head shape is similar, the known appears to be longer due to closeness to camera, facial outline is similar, both have an oval face shape
RJB49C	Similar	Both candidates show a round/oval face/head shape.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	

Image Set Q9: Table 4.9(b) - Face/Head Outline

WebCode	Observation	Feature Notes
U67NZD	Similar	
U8BE68	Similar	general shape of the face outline appears to be similar between subjects
UGXDTR	Similar	similar overall facial and cranial vault shape
VGDWFB	Similar	Overall shape of face
WK96YB	Similar	
X2TF24	Similar	Overall shape of face appears similar, more narrow on K
Z9L8L3	Similar	Similar outline, no striking differences observed.
ZCKK6L	Similar	oval-like shape, length, narrowness, and size is similar

Features Observations Response Summary - Q9 Face/Head Outline		Total Participants: 62
Response	Percent Reported	
Similar	53 (85.5%)	
Dissimilar	1 (1.6%)	
Inconclusive	4 (6.5%)	
Unable to Compare	1 (1.6%)	
Not Applicable	3 (4.8%)	

Image Set Q9: Table 4.9(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Nose to mouth distance is similar. Distance between the eyes is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The overall distance of eye, nose, and mouth relative to each other is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features appear evenly spaced on both subjects.
8BND4V	Similar	approx. distance from nasal tip to upper lip similar; position of lower ear relative to nose/mouth similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have features in similar positions relative to the other features on the face
9WM27B	Similar	facial composition is similar; spacing between placement of facial features is similar.
A4GTRA	[Not Reported]	Similarities include: Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length; Eye position relative to face length Dissimilarities include: Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Similar	Most similarities in cheekbone and jawline. Calva seems dissimilar.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar eye, nose and mouth placement
BGZVPT	Similar	similar in composition
BVKBTR	Similar	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Composition is similar.

Image Set Q9: Table 4.9(c) - Face/Head Composition

WebCode	Observation	Feature Notes
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Dissimilar	Dissimilar nose and mouth width relative to the eyes.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar feature spacing and placement on face
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	facial features are in the same relative position in both pictures
HVURP4	Similar	Face/head composition is similar in shape and size.
J4778Z	Similar	Similar shape and size
JEFCV2	Similar	
KCVE8G	Similar	Consistent contour and rectangular shape. Features have similar placement on the face. Both known and unknown images have a mostly symmetrical face
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Features have similar placement and spacing.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The features of the face appear to be in a similar vertical alignment. The eyes appear to be slightly different horizontally however this could be due to pose or imaging conditions (skewed known image)
QFUJLW	Similar	Features on the face are very similarly placed. The nose is placed in a similar location relative to the eyes and mouth. Mouth is placed in a similar location between the chin and nose.
QKRZZB	Similar	The intercanthal distance of the eye appear to be similar between the two images.
QT8L8U	Similar	Head obstructed by hair. Facial composition appears similar in placement of facial features.
QY9X6C	Similar	Distance between eyes is similar, distance from eyes to mouth appears to be similar, distance from nose to mouth appears is similar
RJB49C	Similar	Symmetry between candidates is consistent.
RTFBMC	Similar	

Image Set Q9: Table 4.9(c) - Face/Head Composition

WebCode	Observation	Feature Notes
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	relative shape and size of the facial features appear to be consistent between subjects
UGXDTR	Similar	similar symmetry and proportion of facial features to one another
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Similar	Facial features appear similar in relationship to one another
Z9L8L3	Similar	Similar composition, no striking differences observed.
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features are consistent with respect to each other and their location on the face

Features Observations Response Summary - Q9 Face/Head Composition		Total Participants: 60
Response	Percent Reported	
Similar	57 (95.0%)	
Dissimilar	1 (1.7%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q9: Table 4.9(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Tone of the known's hair is greyer. Hair appears to be similar lengths. Texture of the hair appears to be similar.
3UFTE6	Inconclusive	
44J8XH	Not Applicable	
474EX6	Inconclusive	The hair texture is similar but the color is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Known hair is short, straight, white in color, and parted on the left. Unknown hair is short, straight, gray in color, and parted on the right.
8BND4V	[Not Reported]	Known(1) has more white present in hair while Unknown(2) has more gray, can be lighting/age difference/dye; unable to compare much of hairlines due to hair/bangs over forehead
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Similar	similar texture though tone is slightly different but both are greyed, hairstyles are different as well
9WM27B	Similar	hair texture and distribution is similar; frontal hairline is similar, changes in frontal hairline color (darker in unknown, lighter in known) as well as thickness of hair explained by age progression.
A4GTRA	[Not Reported]	Dissimilarities include: Hair: shape/spatial distribution, texture, symmetry, density, tonality; Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape Not comparable: Cranial baldness pattern: shape, distribution
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Same texture, different colour.
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	gray, thin
BGZVPT	Similar	Similar in length, style, and color
BVKBTR	Inconclusive	hard to compare, different style and color texture similar.
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEW	Similar	
D3D3DQ	Dissimilar	Hair color is dissimilar but could be due to age difference. Hair part is on opposite side. Hair thickness and texture appears similar.

Image Set Q9: Table 4.9(d) - Hair

WebCode	Observation	Feature Notes
E2YXFT	Inconclusive	Similar texture, side part is placed differently
E7JQ38	Dissimilar	Dissimilar hair style, hair length and tone.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar texture and growth density, dissimilar color; unable to see hairline for comparison. You can slightly see the roots of hairgrowth at the right parting in the Unknown, and that placement is consistent with the start of hair growth in the Known
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar texture. Both appear to have fine hair. Different color possibly due to age
HVURP4	Similar	Similar in shape but the knowns hair is grayer while the unknown's has salt and pepper and is slightly longer. The parts are on opposing sides.
J4778Z	Similar	
JEFCV2	Dissimilar	different coloring and style, both short styles
KCVE8G	Similar	The known subject has short, straight, white hair that parts to the right and lays flat on the right side of the forehead down to the top of the brow ridge. The hair on the sides of the head above the ears is shorter than the top. Known image has mostly white hair. Unknown image has short, gray in color, hair that parts to the left. Like the known subject, unknown's hair is straight and lays flat on the forehead, stopping just above the brow ridge. The hair on the sides, just above unknown's ears, is just slightly longer and covers the top half of the left and right ears. The cranial vault of both known and unknown images is consistent in height and contour.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Unk has short salt & pepper hair parted slightly on the R. K has short, nearly fully white hair parted on the L.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The hairline is not able to be fully compared due to the hairstyle of the subjects. The known appears to have lighter/whiter hair than the unknown but this could be due to hairstyle (dye) changes. The general texture of the hair appears to be similar.
QFUJLW	Similar	Both a gray in color. Known's is more white-gray. Similar in texture/length
QKRZZB	Dissimilar	Hair color appears dissimilar between the probe and candidate.
QT8L8U	Inconclusive	Texture appears similar. Coloring and grooming appear dissimilar

Image Set Q9: Table 4.9(d) - Hair

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Color is whiter in the known due to age/hair maintenance/coloring, the unknown is more gray and darker, hairstyle is dissimilar due to timeframe/hairstyle change, hairline cannot be compared due to hair length/style
RJB49C	Similar	Hair is similar in length and texture with a slight color difference. The style is slightly different.
RTFBMC	Dissimilar	styled differently
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Similar	
U67NZD	Inconclusive	
U8BE68	Similar	hair appears to be similar in greyish silver color with similar texture to the hair as well
UGXDTR	Inconclusive	known hair color is light gray vs unknown hair color is more of a dark gray (this could be consistent with apparent age difference between known and unknown); both individuals have relatively short hair in length; hair texture appears similar; unable to compare hairline growth pattern due to hair covering
VGDWFB	Dissimilar	Brow ridges
WK96YB	Inconclusive	
X2TF24	Dissimilar	Hair appears similar in texture, dissimilar in color and length; unable to compare hairline
Z9L8L3	Dissimilar	Hair is styled and parted differently. Unknown's has more gray and known's is more white. Similar texture.
ZCKK6L	Dissimilar	short length and smooth texture appear to be similar, however the hair is parted opposite ways, but this could be attributed to styling/ grooming differences; color is dissimilar, but this could be attributed to age or grooming differences, as the known's is white/completely gray whereas the unknown's is darker/salt and peppered throughout; hairlines are not available for comparison due to length and manner to which the hair lays due to styling

Features Observations Response Summary - Q9 Hair		Total Participants: 61
Response	Percent Reported	
Similar	26 (42.6%)	
Dissimilar	18 (29.5%)	
Inconclusive	13 (21.3%)	
Unable to Compare	1 (1.6%)	
Not Applicable	3 (4.9%)	

Image Set Q9: Table 4.9(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, forehead mostly covered on unknown.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The forehead cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Similar	Unknown forehead is mostly covered by hair. Both subjects have at least 4 vertical lines between the eyebrows. The lines are deeper on known, this could be due to an age difference. The lines appear similar in shape and location
8BND4V	Similar	forehead partially covered by hair/bangs; shape of brow ridge appears similar
8FHAQ2	Inconclusive	
8T7EYX	Unable To Compare	
9NAAFD	Similar	only partial foreheads are visible due to hair on both, the area on lower forehead that is comparable in both is similar in contouring around brow ridges, vertical glabellar lines are similar in positions and curvatures
9WM27B	Similar	forehead width, height, and shape appear similar.
A4GTRA	[Not Reported]	Similarities include: Brow ridges: prominence, continuity Not comparable: Forehead shape: relative height, relative width, slope/contour
A8F4MA	Not Applicable	
A9BMPB	Similar	Similar glabellar area
AE2ZQY	Unable To Compare	
AQVDNB	Inconclusive	
BF6CMR	Unable To Compare	covered by hair
BGVPT	Similar	Unknown s is partially blocked by hair, similar facial lines can be seen between the eyebrows on both.
BVKBTR	Similar	forehead lines above bridge of knows line up.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Unable To Compare	
D3D3DQ	Similar	There are lines one the forehead that are similar in location. Most of the forehead of the unknown is covered by hair.

Image Set Q9: Table 4.9(e) - Forehead

WebCode	Observation	Feature Notes
E2YXFT	Similar	Brow ridges seem similar
E7JQ38	Unable To Compare	Unknown: Hair limits forehead visibility and assessment.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	most of forehead is covered in Unknown by hair, part of forehead covered in Known.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Hard to compare due to bangs. Both have similar vertical glabellar lines
HVURP4	Similar	Similar brow bone and the "11" appear to be consistent.
J4778Z	Similar	
JEFCV2	Similar	hair styles covers some to majority of forehead in both images, creases available above eyebrow are similar
KCVE8G	Similar	Both known and unknown's forehead is consistent in shape and size. The texture of the skin in each image is consistently smooth, clear and thin. Much of the forehead in known and unknown images is covered by short gray bangs from the top of the head. There are three, faint horizontal forehead lines on the center, right side of the known image's forehead that are not visible on known's due to the hair obstructing part of the forehead.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Unk has forehead mostly obscured by hair.
MMPAFW	Unable To Compare	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Inconclusive	The general width of the forehead appears to be similar. The length of the forehead appears dissimilar however there is an angle change on the unknown.
QFUJLW	Unable To Compare	Glabellar lines are similar in location/shape/quantity,
QKRZZB	Similar	The width of the forehead appears to be similar between the probe and candidate. The protrusion of the browridge appears to be consistent.
QT8L8U	Unable To Compare	Both foreheads are obstructed by hair so the full height and width cannot be seen.
QY9X6C	Similar	Most of forehead is covered by hair in the unknown, frontal lines that are visible in both are similar in location, height appears to be longer in the known due to the hair covering most of the forehead in the unknown

Image Set Q9: Table 4.9(e) - Forehead

WebCode	Observation	Feature Notes
RJB49C	Unable To Compare	Forehad on unknown candidate is not fully visible.
RTFBMC	Unable To Compare	full comparison hindered by hairstyle
T9A37R	Similar	
TLDKJC	Unable To Compare	
TQ9EET	Similar	
U67NZD	Inconclusive	
U8BE68	Similar	forehead appears to be similar in the brow ridge region with frontal glabellar lines appearing on both subject in similar shape and size
UGXDTR	Inconclusive	unable to compare relative forehead height due to hair covering; similar brow ridge prominence; similar vertical glabellar creases in shape, number and relative location, but known's are more prominent which could be consistent with apparent age difference; unable to compare fully the frontal lines that are present on the known to the unknown due to hair covering
VGDWFB	Similar	Hair details (thickness, color)
WK96YB	Inconclusive	
X2TF24	Similar	Forehead appears similar in width; unable to compare relative height; brow ridges appear similar in prominence; vertical glebellar lines appear similar in location and quantity, more prominent in K, may be due to aging/lighting
Z9L8L3	Similar	Known's forehead creases are more prominent, but unknown's more faint creases are similar in shape and location.
ZCKK6L	Similar	majority of the unknown's is covered by the hair, but the parts that are visible appear to be similar in flat contour with rounded edges and musculature; the ends of the frontal lines above the lateral ends of the brows is similar in their parallel nature, curved shape, prominence, and quantity

Features Observations Response Summary - Q9 Forehead		Total Participants: 62
Response	Percent Reported	
Similar	28 (45.2%)	
Dissimilar	0 (0.0%)	
Inconclusive	9 (14.5%)	
Unable to Compare	23 (37.1%)	
Not Applicable	2 (3.2%)	

Image Set Q9: Table 4.9(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Tone of the eyebrows are dissimilar, more reddish on the unknown possibly due to dye or makeup. Arch of the brows are similar. Growth pattern of the brows appears to be consistent. Distance from the eyes is similar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Similar	The eyebrow's position and the hair density within the eyebrows are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Inconclusive	Unknown eyebrows appear to be drawn on, they are brown in color and thin. Known eyebrows are dark in color and appear to be real. The inner start area of the eyebrows on both subjects starts in same location in relation to the eyes.
8BND4V	Dissimilar	eyebrows of Unknown(2) appear to have been outlined/drawn while Known(1) has fainter eyebrows, more natural
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Similar	similar in position above eyes, similar in starting points at medial ends, similar in curvatures and thicknesses
9WM27B	Dissimilar	Eyebrows are dissimilar. The eyebrows of unknown appear altered and those of known appear to be natural growth.
A4GTRA	[Not Reported]	Similarities include: Shape; Size; Position; Asymmetry Dissimilarities include: Density of hair; Hair details Not comparable: Conjoined
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Similar	Off-set. Similarities, but groomed
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Inconclusive	glasses partially covering known subject but have same thinness, arch
BGVPT	Similar	Similar in that they are both thin and similar shaped.
BVKBTR	Inconclusive	appear drawn on unknown, known seems absent.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Eyebrows of known are very sparse and filled in or drawn on in the known, but shape of the right eyebrows is very similar.

Image Set Q9: Table 4.9(f) - Eyebrows

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Drawn on unknown image
E7JQ38	Dissimilar	Dissimilar eyebrow shape, size and tone.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar brow ridge and rounded shape of brows; makeup enhancement used in Unknown to fill in brows. the starting point of left brow is lateral to medial canthus
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Unable To Compare	Unknown has drawn on eyebrows. Known has natural eyebrows. Both appear to be in a similar location on the brow ridge.
HVURP4	Similar	Similar in shape and texture, but it appears the unknown's brows are filled in more. the distance from brow to lid appears consistent.
J4778Z	Similar	Similar even with some possible makeup use
JEFCV2	Dissimilar	appears more natural in known, potentially drawn on in unknown (may be due to image quality)
KCVE8G	Similar	Known and unknown images both have multiple, vertical glabellar lines between the eyebrows, four of which are clearly visible and consistent in length, placement, and shape. There are two glabellar lines extending from the right eyebrow that start parallel, curve slightly to the right over the brow ridge and connect creating one line/crease that is consistent in both the known and unknown image. The brow ridge arches over each eye consistently in shape, height, weight, length and contour. Unknown image eyebrows appear thin in width, very thin in texture, and dissimilar in color to the natural gray hair on the top of the head as if they were drawn on with a light brown colored eyebrow pencil/make-up. The known image brows are short in length across the brow ridge, thin and almost completely absent. The distance between the eyebrows is consistent between both the known and unknown images
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Overall shape of brows appear similar. Both have multiple vertical glabellar lines that are in common for location, length, and spacing.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Inconclusive	The right brow has a similar general arc to it. The left brow appears to be a different shape. The coloration of the brows is dissimilar however this is likely due to them being drawn on. The general location and asymmetry appears to be similar with the left brow beginning more laterally.
QFUJLW	Similar	Eyebrows are similar in size/shape/location

Image Set Q9: Table 4.9(f) - Eyebrows

WebCode	Observation	Feature Notes
QKRZZB	Similar	The growth pattern of the eyebrows appears to be similar between the probe and candidate. The color of the eyebrows appears to be dissimilar. The probe looks to have darker colored eyebrows compared to the candidate.
QT8L8U	Inconclusive	Brow shape is similar, but it appears the unknown's have been drawn on.
QY9X6C	Dissimilar	Color is dissimilar due to makeup and the unknown drawing eyebrows on, distance apart is dissimilar due to the eyebrows being drawn on in the unknown, the unknown appears to be have drawn them on where the known are more natural looking with actual hair, vertical glabellar lines are similar in location/size/shape
RJB49C	Similar	Eyebrows are consistent in shape, thickness and spacing. Color is slightly different, possibly due to cosmetics.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67NZD	Inconclusive	
U8BE68	Similar	brow ridge appears to be similar in contour - brows appear to be similar in angle and thickness in growth
UGXDTR	Similar	eyebrow color appears different with known's being brown and unknown's almost being red/brown, but it appears that the unknowns might be cosmetically added (drawn on); similar contour; similar medial distance between eyebrows
VGDWFB	Dissimilar	Inter-canthal distance, fissure opening, shape and angle of outside of the eyes
WK96YB	Inconclusive	
X2TF24	Inconclusive	Eyebrows appear similar in width apart; similar in shape for what is visible, appear dissimilar in color, may be due to intentional alteration of makeup; appear to extend a bit farther laterally in U
Z9L8L3	Dissimilar	The eyebrows on the unknown appear to be penciled in and area a different shade of brown than known's. The shape of the eyebrows are the same in both, but difficult to compare.
ZCKK6L	Similar	approx. distance between the medial ends, end location of the lateral ends, distance above the eyes, compact length, manner in which the shape follows the curvature of the orbital bone is consistent; color and thickness is dissimilar, but this could be attributed to grooming differences, as the known's are a light brown color, whereas the unknown's appear to be drawn on with a reddish-brown color; both have four vertical glabellar lines off the medial end of the right brow and two off the left brow that are similar in location to each other, size, and orientation, however the known's are more prominent/deeper, which could be attributed to age difference

Features Observations Response Summary - Q9 Eyebrows		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	32 (51.6%)	
Dissimilar	15 (24.2%)	
Inconclusive	13 (21.0%)	
Unable to Compare	2 (3.2%)	
Not Applicable	0 (0.0%)	

Image Set Q9: Table 4.9(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Shape of the eyes are similar. The left and right fissures have a similar opening. Folds of the upper eyelids are similar, prominent on both subjects. Both known and unknown are wearing glasses.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The eye size, the intercanthal distance, and the superior palpebral crease on the top eyelid is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Eye shape is similar in both subjects. The lines around the eyes appear similar, except there are more lines and the lines are more pronounced in the known, due to age difference. The visible portion of eyelids on both eyes is very large in the center on both subjects
8BND4V	Similar	similar visible left/right periorbital creases; Unknown(2) has similar visible left/right inferior palpebral creases, Known(1) has more creases present below eyes with slightly more prominence which can be from age difference; similar visible shape of creases above left eye with sharp/wide curve; shape of left medial canthus appears similar
8FHQAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar in shapes and sizes, similar medial canthus shapes, similar eye color, similar interpupillary distances, similar eyelid shapes, similar under eye lines
9WM27B	Similar	Eye color, presence of sclera, eye fissure are all similar. intercanthal distance is similar. the medial canthus of each eye is similar. Eyebrow folds are similar. under eye protrusion of lower lid is similar. Both have deep set eyes into the sockets.
A4GTRA	[Not Reported]	Similarities include: Intercanthal distance; Interpupillary distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil (limited); Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Eyeball prominence; Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening, irregularity of iris; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry Not comparable: Lash characteristics
A8F4MA	Similar	Intercanthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left iris, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Similar	Off-set, asymm in outline. Glasses on both pictures. Small white spot above medial caruncle L eye.
AE2ZQY	Similar	
AQVDNB	Similar	

Image Set Q9: Table 4.9(g) - Eyes

WebCode	Observation	Feature Notes
BF6CMR	Similar	eyelids similar top and bottom, both are deepset
BGZVPT	Similar	Similar in size and shape. Both subjects ha a very high arching superior palpebral crease in both eyes
BVKBTR	Similar	similar eye color, shape of eye socket where skin around eyes is elevated possible surgery?
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Eye shape and color appears similar. Lines around eyes and folds of skin above outer edge of eyes appears similar.
E2YXFT	Similar	Eye fissure and colour seem similar
E7JQ38	Similar	Similar eye angle, iris tone and iris diameter relative to eye opening, medial and lateral canthus shape and size
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar shape and size, similar large lid space, similar sclera visibility
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Both have large upper eyelids with a high superior palpebral crease. Both have similar color Irises. Similar medial canthus and lateral canthus size and shape.
HVURP4	Similar	Similar eye shape and color. The canthus shape and location are also consistent.
J4778Z	Similar	Similar eye lid bags and hanging. Under eyes similar also
JEFCV2	Similar	similar coloring, multiple creases similar in locations, curvature, and relationship to one another
KCVE8G	Similar	Interpupillary distance is consistent between known and unknown images. Both known and unknown are wearing corrective lenses which are partially obstructing some details around the orbital eye socket. Each of the known and unknown images eyes show signs of advanced age with several creases and lines around the lower eyelid, corners of eyes, and upper eyelid all of which are consistent in size, length, depth, placement and shape. Known and unknown appear to have similarly colored blue-gray eyes. The medial and lateral canthus are consistent in shape. The upper eyelid in each image has a high arch and is highly visible. The upper eyelid crease is deep and has a high arch in both the known and unknown images. The small creases at the corners of each eye, the crow's feet, are consistent in shape, length and amount in both known and unknown images. The lower eyelid furrow, and infraorbital furrow of both left and right eye are consistent in shape, size and depth between both known and unknown images.
KRVVGN	Similar	
KZ6KVM	Similar	

Image Set Q9: Table 4.9(g) - Eyes

WebCode	Observation	Feature Notes
LYMV82	Similar	Both appear to have similar eye color, have large upper lids visible below the deep superior palpebral creases and similarly placed crows feet and in number. Both have glasses partially obscuring the facial lines under the eyes.
MMPAFW	[No observations reported for this feature.]	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The eyes appear to have a similar asymmetric setting with the right eye being more medial. The fissures of both eyes appear to have a similar contour and the left eye appears to have a smaller size on both subjects. The subjects appear to have similar light/blue/green eyes. There are many similar inferior palpebral creases on both subjects however it appears that the known has more of them which could be due to aging.
QFUJLW	Similar	Similar in shape/size/color. Inter-canthal distance is similar. Medial/Lateral canthus is similar in shape. Upper eyelid is similar in shape. Superior palpebral crease is similar in shape. Periorbital crease is similar in location/shape/quantity.
QKRZZB	Similar	The shape of the medial canthus appears to be similar between the probe and candidate. The shape of the lateral canthus appears to be consistent. The overall shape of the eyes appears to be similar along with the eye fissure.
QT8L8U	Similar	Presence of the sclera, eye color, medial canthus of the left eye, lateral canthus of the right eye, superior palpebral crease of the the left eye, shape of the lower left eyelid all appear similar. The fissure does appear different.
QY9X6C	Similar	Sclera is similar, medial canthus size/shape is similar – there is a glare on the unknown due to lighting/glasses, both have blueish eyes, superior palpebral crease are similar, top part of superior palpebral crease is cut off due to glasses, known has more wrinkles under eye due to age, crows feet are similar
RJB49C	Similar	Equal spacing. Similar in shape and color, including folds and creases around the eyes. Creases are more pronounced on known candidate, possibly due to increased age.
RTFBMC	[Not Reported]	partially obstructed by glasses in both images
T9A37R	Similar	Upper eyelids of both images are very similar in height. Inter pupillary distance is similar.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	eyes appear to have a similar shape with the consideration of age difference - inferior and superior palpebral creases appear to be similar in shape and prominence on both subjects

Image Set Q9: Table 4.9(g) - Eyes

WebCode	Observation	Feature Notes
UGXDTR	Similar	similar color; similar overall size; similar sunkeness to eyes with the known's appearing slightly more sunken, which is consistent with apparent age difference; the upper eyelids in the known appear to be covering the superior palpebral creases more, which is consistent with apparent age difference; the shape of the supraorbital creases appear similar in shape and prominence; the inferior palpebral and infraorbital creases appear similar in relative shape and location, but appear more prominent in the known, which could be consistent with the apparent age difference; the shape of the medial and lateral canthi appear similar
VGDWFB	Similar	Intercanthal distance ,fissure opening , shape and angle of outside of the eyes
WK96YB	Similar	
X2TF24	Similar	Upper eyelid appears similar in size and shape; superior palpebral creases appear similar in lateral portion visible; medial canthi appear similar in shape; lateral canthi appear similar in shape; overall size and shape of eyes appear similar; similar iris color in both; similar shape of inferior palpebral creases, however more prominent in K, may be due to aging; periorbital creases similar in location/quantity; infraorbital creases similar in shape, more prominent in K; amount of sclera similar; intercanthal and interpupillary distance appear similar
Z9L8L3	Similar	Both have blue eyes. The eyelids are prominent in both and both have crow's feet. Known's are more distinct possibly due to age, but they are similar in length and location. Due to both wearing glasses, the lines under the eyes are harder to compare.
ZCKK6L	Similar	approx. intercanthal distance and degree of hoodedness is consistent; unknown's upper and lower eyelids are red and inflamed but this could be attributed to illness, allergies, irritants, etc.; known's upper eyelids possess a greater arched shape whereas the known's curvature is more subtle, however the curved shape of the lower eyelid is consistent; the shape of the inferior palpebral and infraorbital creases are similar, however the known's are deeper/more defined and the area beneath the eye is saggy, but this can be attributed to age difference; the shape, location, and prominence of the periorbital creases is similar, however the known has a greater quantity and they extend further, which could be attributed to age difference

Features Observations Response Summary - Q9 Eyes		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	58 (96.7%)
	Dissimilar	1 (1.7%)
	Inconclusive	0 (0.0%)
	Unable to Compare	1 (1.7%)
	Not Applicable	0 (0.0%)

Image Set Q9: Table 4.9(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Fullness of the cheeks are similar. Prominence of the cheek bones are similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The wrinkles on the cheek is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Cheek structure appears similar in both subjects
8BND4V	Similar	shape of cheeks similar; appear slightly more lifted for Known(1) than Unknown(2) which can be from slight expression difference
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar shapes and contours in left and right cheeks, similar lines coming up through cheeks
9WM27B	Similar	height and fullness of the cheeks are similar.
A4GTRA	[Not Reported]	Similarities include: Cheekbone prominence; Cheek shape Not comparable Dimples
A8F4MA	Similar	Right and left cheekbone
A9BMPB	Similar	Asymm in protrusion in right-left ratio.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	saggy, thin skin
BGZVPT	Similar	Similar in size and shape with no distinguishing marks or lines.
BVKBTR	Similar	similar outline and marks or wrinkles on cheeks
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Cheeks appear similar. Lines on cheeks and mark on right cheek appear similar.
E2YXFT	Similar	Similar placement of cheekbones
E7JQ38	Similar	Similar cheek minimal bone prominence, soft tissue fullness.

Image Set Q9: Table 4.9(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar size, shape, and fullness
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Cheeks are similar in prominence. Unknown has fuller cheeks due to a weight difference. Similar facial mark on the right cheek near the jawline.
HVURP4	Similar	Similar in that the upper cheeks are more padded in appearance and the smile creases on the outer portions appear consistent.
J4778Z	Similar	
JEFCV2	Similar	similar curving in front of ear, similar mark below glasses
KCVE8G	Similar	Known and unknown's cheeks are consistent in weight, shape and skin texture. The infraorbital furrow and nasolabial furrow have consistent contour between both images. there is a consistent faint mark/spot on the upper portion of the right cheek that is consistent in both known and unknown images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have similar high set zygomatic bones with similar buccal creases and dimples. Both have a small faint facial marking on the R cheek in line with the R ala and a smaller facial mark on L cheek, tucked in close to the L ala.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The cheekbones appear to be prominent and located in similar areas on both subjects. The cheeks appear to indent in the middle on both subjects. The cheek bones appear to be in line with the jawline on both sides of each subject
QFUJLW	Similar	Similar in shape/size/location. Facial marking on the left cheek right above the nasolabial fold is similar in size/color/location/shape.
QKRZZB	Similar	The shape and fullness of the cheeks appears to be similar between the probe and candidate.
QT8L8U	Similar	Height of the cheek bones appears similar. There appears to be some weight loss on the known image making the cheek bones appear more prominent.
QY9X6C	Similar	Overall size/shape is similar, the wrinkles/dimples are similar in location, marks are similar in location
RJB49C	Similar	Similar in shape and fullness.

Image Set Q9: Table 4.9(h) - Cheeks

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	[No observations reported for this feature.]	
U8BE68	Similar	cheeks appear to be similar in fullness and shape - dimple like creases appear to be present in both subjects on the right cheek in similar location
UGXDTR	Similar	similar cheek fullness; similar facial lines/creases present on both cheeks in similar location and prominence; similar facial mark present on left cheek up against the side of the nose
VGDWFB	Similar	Cheekbone, cheek shape (presence of dimple)
WK96YB	Similar	
X2TF24	Similar	Zygomatic bones appear similar in prominence; cheek shape appears similar, cheeks of U somewhat fuller, may be due to weight change; buccal creases similar in shape/location/quantity
Z9L8L3	Similar	Cheek shape is similar (thinner) and both have naslabial folds that create similar smile lines. There are 3 facial marks (2 on the right cheek/1 on the left side of the nose) that are present same location and size in both the unknown and known.
ZCKK6L	Similar	rectangular-ish shape, small size, flatness, and cheekbone prominence and location is similar; both have a prominent "v" shape crease/ dimple in the left cheek behind the buccal creases and linear shaped crease in the right cheek; both have a faint, light brown facial mark beside the right nostril; the buccal creases are similar in shape, location, proximity, length, quantity, and prominence; there appears to be a facial mark on the outermost right buccal crease that is similar in location, size, and color

Features Observations Response Summary - Q9 Cheeks		Total Participants: 61
Response	Percent Reported	
Similar	58 (95.1%)	
Dissimilar	2 (3.3%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q9: Table 4.9(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Length and width of the nasal body is similar. Curvature of the nostrils are similar. The tip of the nose hangs down in a similar way. Left and right ala are found in similar locations.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The shape of the nose is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	The nose shape is similar in both subjects. The tip of the nose dips down and the nostrils flare out similarly on both subjects
8BND4V	Similar	similar shape/angle of nasal tip; similar thickness/shape of left/right alae; visible curve of nostrils similar; outline of nose is similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar width at root and down through body, similar ala and tip shapes, similar nostril shapes, similar indentions above alae
9WM27B	Similar	nasal body is similar in length and width. the shape and slope of the nasal tip is similar. the shape of the nostrils and the thickness and shape of the alae is similar.
A4GTRA	[Not Reported]	Similarities include: Nasal outline: shape, length, width, prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape, size; Asymmetry and deviation - L ala sits higher than the R in both images Not comparable: Columella: width, length, relative position
A8F4MA	Similar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose)
A9BMPB	Similar	Asymm in angle between tip-nostril
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	pointy tip, similar length and width
BGVPT	Similar	Similar in size and shape with a pointed tip and high rising left nostril.
BVKBTR	Similar	Similar shape and down pointing nose, Distance from bottom of nose to top of lip consistent.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q9: Table 4.9(i) - Nose

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Shape and length of nose appear similar. There is a mark on the left side of the nose that appears similar.
E2YXFT	Similar	Similar shape, length of nasal body and very prominent nose tip/columella
E7JQ38	Similar	Similar nose body, tip, alae shape and size.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar shape and length. Similar pointed tip, similar shape and size of nostrils and alars
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar nasal base width, pointed nasal tip, nasal body width
HVURP4	Similar	Consistent width of the bridge as well as length. The nostrils flare backwards which is also consistent and there is a mark/freckle on the outer edge of the left nostril that is consistent in location.
J4778Z	Similar	similar tip, nasal root, and shape
JEFCV2	Similar	nostril shape and curvature similar, mark similar in location and color beside nostril
KCVE8G	Similar	Both known and unknown have a long, triangular shaped nose. The nose is narrow between the eyes and widens toward the base. The tip of the nose is long and pointy with the ala of the nostrils high above the tip and columella of the nose. The base of the nose is consistent in contour in both known and unknown images. The bridge of the nose is straight and consistent in prominence. There is a faint small mark, discolored spot just above (in the crease of) the left ala consistent between the known and unknown images. The nasolabial creases in the known image are accentuated by light and shadows making them appear deeper than unknown's nasolabial folds. Despite the difference in appearance due to the lighting in the images, known and unknown's nasolabial folds are consistent in placement, size and shape. The philtrum is similar in length, width and height.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have similar shaped and length of nose. the nasal body and nasal tip shape are in common.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The nasal root appears to be slightly raised in both subjects. The nasal body appears have a similar size and angling when the angle is taken into account. The shape of the nostrils is a wide arc on both subjects. The nasal tip is angled in a similar way on both subjects.

Image Set Q9: Table 4.9(i) - Nose

WebCode	Observation	Feature Notes
QFUJLW	Similar	Nasal root is similar in width. Nasal body is similar in shape/length/width. Nasal tip is similar in shape. Nostrils are similar in shape. Facial marking located above left ala is similar in size/shape/location.
QKRZZB	Similar	The shape of the nasal base appears to be similar between the probe and candidate. The shape appears to look like a V. The length of the nasal body along with the width of the nasal body appears to be similar. The shape of the nasal tip appears to be similar.
QT8L8U	Similar	Thickness and line of the nasal body, pointed nasal tip, shape of the alae of both the right and left nostril, width of the nasal base all appear similar.
QY9X6C	Similar	Length of nose is similar, nasal base is similar in size, nasal root is similar in width, nasolabial folds curve outward more in the unknown due to expression, mark near nasolabial fold is similar in location, nostril curves are similar, tip of nose is similar, unknown appears to be redder due to makeup in the known
RJB49C	Similar	Very consistent in shape, length and width, to include the nostrils and columella.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	noses appear to be similar in overall shape and size - facial mark is seen on both subject on the left side of the nose above the connection point of the alae - the manner at which the alae curve upward appear to be similar between subjects - nasolabial folds appear to be consistent between subjects
UGXDTR	Similar	similar nasal root, bridge and tip width; similar pointed and downward protruding shape to the nasal tip; similar nasal alae shape and attachment; similar nostril size and symmetry
VGDWFB	Similar	Overall shape
WK96YB	Similar	
X2TF24	Similar	Nasal root appears similar in width; similar width and protrusion of nasal body; similar shape and protrusion of nasal tip; nasal tip extends down in both; shape of alae and thickness appear similar; nostrils appear similar in size and asymmetry
Z9L8L3	Similar	Noses are similar. The nasal tip comes down to a point and the columella appears to be thin and similar. The length of the nose is also similar.

Image Set Q9: Table 4.9(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Similar	overall shape, size, and degree of protrusion is similar; nasal body is similar in width, length, and straight shape; nasal tip is similar in degree of droopiness and rounded "v" shape; nasal base is similar in width, the ala attachment above the columella, ala shape and thickness, and nostril shape and size is consistent; both have a small facial mark above the left nasolabial fold, that is similar in location, small size, and faintness, however the unknown appears to have a larger mark below this, adjacent to the ala, but this could be an artifact which could explain the absence on the known; the nasolabial folds are similar in beginning location, angular shape, length, and manner in which it extends beyond the mouth, however the known's is more prominent, which could be attributed to age or a slightly bigger smile expressed

Features Observations Response Summary - Q9 Nose			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	62 (100.0%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	0 (0.0%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	0 (0.0%)	

Image Set Q9: Table 4.9(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Similar	Unknowns' ears are partially covered. Curvature of the left and right lobes are similar. Similar crease on the right ear lobe.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Known right ear and bottom of left ear are visible. Unknown bottom of both ears are visible. The shape of the bottom of the ears is similar in both subjects
8BND4V	Similar	similar shape of left/right lobe; visible shape/protrusion of right antihelix similar; shape of right intertragic notch and right antitragus similar; upper parts of ears covered by hair for Unknown(2)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	only lower ears of unknown is visible due to hair, similar protrusions from head, similar earlobe shapes and similar tragus and antihelix shapes of right ear
9WM27B	Similar	ears cannot be compared in their entirety due to obstruction by hair, however, the ear lobes appear consistent in shape and thickness. the ears appear similar in placement in relation to other facial features. There is a bump/facial mark on the upper eyelid of the inner right eye that appears consistent in size, color, shape, and placement.
A4GTRA	[Not Reported]	*Lower portions of the ears only* Similarities include: Asymmetry - right ear sits lower than the left in both images; Overall ear: size, shape angle; Antihelix: size, shape; Tragus: size, shape, protrusion (R ear only); Lobe: size, shape, attachment Dissimilarities include: Ear protrusion Not comparable: Helix: size, shape; Tubercles: size, shape, quantity; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Similar	Right and left ear tragus, Right and left ear antitragus, Right and left ear intertragic/intertragal notch, Right and left ear lobule (lobe)
A9BMPB	Similar	Off-set and visible protrution and structure. Lobes are visible and similar.
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar outline, lobes
BGVPT	Similar	Partially blocked in both subjects but you can see similarities in what you can see.

Image Set Q9: Table 4.9(j) - Ears

WebCode	Observation	Feature Notes
BVKBTR	Similar	her right ear seems similar shape.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEWV	Similar	
D3D3DQ	Similar	Ears are partially covered. Ears appear similar in position. They appear to be set lower on the head. Shape and creases on ears appears similar. Both known and unknown are wearing glasses and both are slightly crooked by what seems to be the same amount leading me to believe that the top of the left ear is lower than the right ear in both, at apparently the same distance.
E2YXFT	Similar	Earlobes, especially creases on the right earlobe, seem similar
E7JQ38	Similar	Similar ear lobe shape, size and attachment.
E9D7GU	Similar	
E9YHHN	Inconclusive	
EYNFWN	Similar	lower portion of ears visible for comparison; similar shape, angle, and contours in lobes; similar pronounced lower right antihelix. Tragus angles consistent but Unknown's hair is covering upper shape of tragi
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar lobe shape. Both have similar creases on the right lobe. Both have similar shaped right tragus
HVURP4	Similar	Placement and length of the ears is consistent. The lobes are attached and there is a crease on the left lobe that is on both images.
J4778Z	Similar	
JEFCV2	Similar	unknown image top of ears obscured by hairs, lobes similar in shape, curvature, and creases
KCVE8G	Similar	Each of the known and unknown's ear lobes, antitragus, tragus, and antihelix are consistent in contour. The ears are placed similarly and consistently on the sides of the head
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	The lower half of the ears are visible and have a similar shape to the lobes, no alterations visible
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q9: Table 4.9(j) - Ears

WebCode	Observation	Feature Notes
QCV8PW	Similar	The right ear appears to have a similar pronounced tragus and antihelix on both subjects. The lobe on the right appears to be similar in size and has a line/indent on both subjects. The left ear appears to have a similar rounded lobe and pronounced intertragel notch
QFUJLW	Similar	Lobe is similar in shape.
QKRZZB	Similar	The shape of the lobe appears to be similar between the probe and candidate.
QT8L8U	Inconclusive	Only the ear lobes are visible. There is a crease in the both lobes that is similar between the known and unknown. The lobe shape also appears similar.
QY9X6C	Similar	Left ear of the known is covered or shadowed by hair, the upper half of the ears in the unknown is covered by hair, ear lobes are similar in size, both have wrinkles on the right ear lobe that are similar, tragus appears larger in size in the known due to hair covering in the unknown
RJB49C	Similar	Ears are not fully visible in both photos, but what part is visible for comparison is consistent in shape between both candidates.
RTFBMC	Inconclusive	partially obstructed by hair
T9A37R	Similar	Lobes have a similar profile and distinct crease is visible on the right side.
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	portions of the ears that are visible in both subjects appear to be similar
UGXDTR	Inconclusive	unable to fully compare due to lighting issues and hair covering in unknown; similar ear lobe shape and attachment; similar ear protrusion from face; similar creases on the right ear lobe; similar protrusion of lower anti-helix in right ear
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Similar	Right ear tragus, intertragal notch, antitragus appears similar in shape/protrusion; shape and size of right lobe appears similar; similar crease in right earlobe; left ear similar shape of intertragal notch and antitragus; similar shape and size of lobe
Z9L8L3	Similar	Ears are not fully exposed for a full comparison, but the lobes appear similar as do the anti helixes on the right ear. There is a small crease on the right lobe consistent in the known and unknown.
ZCKK6L	Inconclusive	the known's left ear isn't available for comparison due to shadowing and the upper portion of the unknown's is obstructed by the hair, therefore the comparison is limited; the degree of protrusion, square-ish shape of the right lobe, concha shape, and indentation in the lobe is consistent

Features Observations Response Summary - Q9 Ears		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	50 (80.6%)	
Dissimilar	0 (0.0%)	
Inconclusive	7 (11.3%)	
Unable to Compare	4 (6.5%)	
Not Applicable	1 (1.6%)	

Image Set Q9: Table 4.9(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Lips are thin on known and unknown. Tone of the lips are similar. Fissure has minimum curvature on both subjects.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The fullness of the lips is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have wide thin mouths. Upper and bottom lips are thin on both subjects, with the shapes of the upper lips being slightly off right vs left (same on both subjects)
8BND4V	Similar	slight difference in expression, Known(1) has mouth closed with smiling expression while Unknown(2) has smiling expression with slightly more open mouth with some teeth visible; similar shape/curve of upper vermilion border with similar shape to cupid's bow; similar shape to lower lip, thinner toward left curve of mouth
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAF7	Similar	similar fissure, similar lip sizes and shapes, similar mouth end angles
9WM27B	Similar	Mouth fissure, size, shape, and color of lips appear similar. the upper and lower vermilion borders appear similar.
A4GTRA	[Not Reported]	Similarities include: Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Asymmetry Dissimilarities include: Lip fissure: shape, degree of contact, angle Not comparable: Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Similar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Similar	Bilateral gap, even when smiling. General narrowness and width. Asymmetry, cupid's bow
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	thin lips, similar fissure
BGZVPT	Similar	Both have very thin lips and very pointed fissure of the mouth
BVKBTR	Similar	Mouth similar dimples, similar lower lip and upper lip line.
BYKLN7	Similar	

Image Set Q9: Table 4.9(k) - Mouth

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Shape of lips is similar.
E2YXFT	Similar	Difficult to compare due to facial expression difference, but relative size and thinness of lips seem similar
E7JQ38	Similar	Similar right mouth corner, Cupid's bow and lip shape, size, tone and fullness.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar shape, width, and fullness (thin). Wider curved cupid's bow similar. Similar upward shape in lower vermillion border.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have very thin lips with a bottom lip that is lower on the right side.
HVURP4	Similar	Width and mouth fissure is similar. The upper and lower lips are thin and the bottom lip curves slightly upward in the center that is also consistent.
J4778Z	Similar	
JEFCV2	Similar	cupid's bow similar between both images, creases similar in location and curvature
KCVE8G	Similar	Known image has a closed mouth smile. The known image has very thin lips that have the appearance of a straight, horizontal line with the left and right commissure's extending directly underneath the corners of the right and left lateral canthus. The unknown image has a slight open-mouthed grin but the shape, size, length and overall appearance of the unknown's lips are consistent with known's lips. The oral fissure is consistent in length and contour between known and unknown images. Due to the brighter lighting cast on the facial area, the mentolabial sulcus appears more prominent in the unknown image. The mentolabial sulcus extends or curves downward toward the right side of the chin more-so than on the left side.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have a similar asymmetry to the lower lip vermillion border and the width and shape of the nasolabial creases. Both have a similar expression.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q9: Table 4.9(k) - Mouth

WebCode	Observation	Feature Notes
QCV8PW	Inconclusive	The lips appear to be thin on both subjects. The middle of the lips are thin in a similar fashion. The contour of the fissure appears to have a similar sideways diagonal shaping. The lips appear to be darker on the unknown but that is likely due to makeup, imaging factors, etc.
QFUJLW	Similar	Vermillion border is similar in shape. Lips are similar in shape/size/thinness/color. Philtrum is similar in shape.
QKRZZB	Similar	The thickness of the upper and lower lips appears to be similar between the probe and candidate.
QT8L8U	Similar	The upper and lower vermilion borders, fissure, thickness of the upper and lower lips appear similar.
QY9X6C	Similar	Unknown mouth is slightly open due to expression and the known is closed but both are smiling, both have thin lips, the bottom vermilion border in the known is lighter due to makeup, marionette lines are similar in shape/size/location, philtrum is similar, cupid bow is similar in shape/size, fissure of mouth is similar
RJB49C	Similar	Mouth is very consistent in shape, including thin lips.
RTFBMC	Similar	
T9A37R	Similar	Upper and lower vermilion borders are similar in width/height.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	the shape of the mouth appears similar - relative thickness of the upper and lower lips appear to be similar - buccal creases around the mouth appear to be similar
UGXDTR	Similar	similar overall width to the mouth; similar fullness to the lips; similar upper and lower lip shape; the right side of the known lip fissure appears to angle upwards and extend more laterally than the unknown, but this could be due to expression difference
VGDWFB	Similar	Overall shape ,vermilion border
WK96YB	Similar	
X2TF24	Similar	Distance from nasal base to upper vermilion border appears similar; philtrum appears similar in width and prominence; upper vermilion border appears similar; fullness of upper and lower lip appear similar; lower vermilion border appears similar in shape and lower lip is similar in asymmetry; mentolabial sulcus appears similar in location, deeper in U, may be due to lighting
Z9L8L3	Similar	The upper and lower lips are very thin in both and the upper and lower vermilion borders have a similar shape
ZCKK6L	Similar	overall shape, size, and asymmetry is consistent with the left side thinner than the right; deep red lip color and thickness is consistent; fissure shape is somewhat similar, however the known isn't displaying any teeth, which could be attributed to the smile being stretched to a greater degree; the lines extending from the corners of the mouth is similar; the shallow philtrum is similar in shape and size; the unknown as a prominent, asymmetric mentolabial sulcus visible whereas the known doesn't, but this could be due to the angle or pitch difference

Features Observations Response Summary - Q9 Mouth		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	61 (98.4%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q9: Table 4.9(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Chin appears to be more rounded on the unknown, possibly due to the difference in angles.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Inconclusive	The contour of the chin is similar but a conclusion cannot be made.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known chin and jaw line appears more angular. Unknown chin and jaw line appears more soft and rounded.
8BND4V	Similar	similar shape of chin; curve of jawline similar, difference in angle of head
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar gonial angles despite unknown appearing to have more adipose on jawline, similar chin shape size and protrusion
9WM27B	Similar	Chin and jaw appear similar in shape and angle.
A4GTRA	[Not Reported]	Similarities include: Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Similar	Chin, gonial angle
A9BMPB	Similar	Upswing on left side chin. Line interrupting with line coming from gonial angle.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar shape, saggy jaw line
BGZVPT	Similar	Similar in shape,
BVKBTR	Similar	expression different and wider smile flatten known but jawline similar.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Shape is similar but known appears thinner, possibly a weight difference.
E2YXFT	Similar	Strong chin and similar overall jawline

Image Set Q9: Table 4.9(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar chin, gonial angle and jawline shape, size and angle.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar rounded chin and subtle jawline, similar shape and placement of sulcus
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Slight weight difference between the two images but both have similar jaw lines and chin shapes
HVURP4	Similar	Similar in shape and size.
J4778Z	Similar	
JEFCV2	Dissimilar	unknown appears more circular, may be due to lighting and more expression
KCVE8G	Similar	The chin in the known image appears wider and more squared than the chin in the unknown image. The squared shape of the gonial angle is consistent between both known and unknown images. The mental protuberance is similar in shape, placement, size and appearance. The lines and/or creases along the jawline and lower portion of the cheeks are consistent in length and number. there is a small indentation like a dimple located along the center of the lower portion of each right and left cheekbones that is consistent on both known and unknown images. There is a mark and/or small raised area, slightly darker than the rest of the skin on the lower portion of the left jawline, consistent in both known and unknown images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both have a rounded chin and angled gonial angle but Unk has a slight up pitch to the head and possibly more weight showing a fleshier jawline area.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The subjects both present with a strong squared lateral jawline that goes into a smaller rounded chin. The appears to be a similar asymmetry with the left side of the chin.
QFUJLW	Similar	Chin is similar in shape/size. Mentolabial sulcus ia similar in shape/size/location. Gonial angle is similar in size
QKRZZB	Similar	The contour of the jawline appears to be similar between the probe and candidate.

Image Set Q9: Table 4.9(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	There appears to be a weight difference between the known and unknown. The rounded chin shape still appears similar. The known has more present jowls than the known.
QY9X6C	Similar	Jawline is similar in length/size/shape, the chin protrudes out further in the unknown due to expression/camera distance, mentolabial sulcus is more visible in the unknown due to no makeup
RJB49C	Similar	Chin and jawline are consistent between candidates. There is a slight difference in head positioning in photos.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	general shape of the chin and jawline follow similar contours
UGXDTR	Similar	the known's jawline appears more pronounced and sharp than the unknown, but could be due to apparent weight difference; the unknown's chin appears slightly more prominent than the known; the facial lines and creases extending down from the cheeks to the jawline are similar in shape, prominence and location
VGDWFB	Similar	Overall shape of chin
WK96YB	Similar	
X2TF24	Similar	Chin appears similar in size, appears somewhat more prominent in U; jawline appears similar in shape/ more defined in K, may be due to weight change
Z9L8L3	Similar	The unknown's chin is more pronounced, but could be due to camera angle. The jawline is similar in both.
ZCKK6L	Similar	square-like shape, length, and prominence of the jawline is similar; gonial angle appears to be similar; width, short height, rounded shape, and prominence of the chin is consistent

Features Observations Response Summary - Q9 Chin/Jawline		Total Participants: 62
Response	Percent Reported	
Similar	51 (82.3%)	
Dissimilar	9 (14.5%)	
Inconclusive	1 (1.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q9: Table 4.9(m) - Neck

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Width of the neck appears to be similar. More wrinkles on the known.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The wrinkles on the neck is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Similar	Both subjects have slim necks. The musculature is visible in the neck of both subjects and appears similar
8BND4V	[Not Reported]	difference in turn of head/age difference, Known(1) turning slightly to right while Unknown(2) slightly to left; moles on neck of Known(1) could have darkened with age/sun exposure; both appear to have multiple neck wrinkles, two most prominent appear to have similar distance relative one another
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Similar	similar neck lines in positions and curvatures, lower neck muscles are similar in positions
9WM27B	Similar	The neck appears similar in length and width. Neck lines appear similar. Facial marks on the neck appear similar in shape color size and placement. Differences in neck (waddle observed in unknown) can be explained by weight loss.
A4GTRA	[Not Reported]	Similarities include: Overall neck: width, height, details Not comparable: Laryngeal prominence: shape, size, prominence, location
A8F4MA	Similar	Neck overall
A9BMPB	Dissimilar	Platysmus different
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Inconclusive	different angles in photo
BGZVPT	Similar	Similar in that both have looser skin with some folds showing that are in line with each other
BVKBTR	Inconclusive	different angle, not certain of attributes
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q9: Table 4.9(m) - Neck

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Even though the neck is visible in both images, the unknown's and known's body position is facing in different directions so showing different areas of the neck.
E2YXFT	Inconclusive	Seems a bit wider on unknown image
E7JQ38	Similar	Similar neck length and width.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar length and width; neck is twisted in opposite direction in photos
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Known has moles on the left side of the neck/shoulder. Both have similar musculature
HVURP4	Similar	Similar width with consistent neck creases and marks/freckling on the left side.
J4778Z	Similar	
JEFCV2	Dissimilar	difficult to compare due to various angles and twisting of person in image
KCVE8G	Dissimilar	The width, length and contour of known and unknown's neck appears similar. Both images appear to have similar weight in the neck. The lower portion of unknown's chin is visible, and it is not visible in the known's image. There are two lines/tendons extending from the bottom of the chin/jawline downward to the collarbone that are only faintly visible and inconsistent in appearance in the unknown image. There are two spots/dots/marks on the left side of the lower portion of the neck close to the collarbone that are consistent in placement on both known and unknown images.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	One neck line clearly in common and one or two of the neck markings on the L side of neck are visible. Slight weight difference in Unk to K.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Inconclusive	There is rotation to varying degrees in both subjects. The neck appears to have a similar amount of texture. The known appears to have more marks on the next that do not appear to be visible on the unknown, but this could be due to alteration, age, etc.
QFUJLW	Similar	Similar in width.
QKRZZB	Similar	The neck wrinkle towards the bottom of the neck appears to be similar, but it's not certain.

Image Set Q9: Table 4.9(m) - Neck

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	Thickness of the neck appears similar, but with the weight difference, the known has a more defined wattle.
QY9X6C	Similar	Creases on neck are in the same location, some of the marks on the left side of known neck are not visible in the unknown due to angle/clothing, mark in the center slightly to the left is similar, length of neck is similar, unknown double chin is visible due to angle/expression
RJB49C	Inconclusive	Length and width of neck is similar between candidates. Head positioning shows difference in creases of the neck.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Inconclusive	
U67Nzd	Inconclusive	
U8BE68	Similar	relative thickness of the neck compared to the face appear to be similar - creases along the neck appear to be consistent between subjects
UGXDTR	Inconclusive	the known has a more prominent larynx, but this could be due to apparent weight difference; there is a similar facial mark present on the lower right neck towards the right shoulder in similar location and prominence; the known has various facial marks present on the lower left neck towards the left shoulder that don't appear on the unknown, but could be covered by the clothing; difficult to compare the similarity/differences in neck creases due to apparent weight difference
VGDWFB	Similar	Wrinkles,folds
WK96YB	Inconclusive	
X2TF24	Inconclusive	Neck appears similar in relative length; appears wider in U, may be due to pose/weight change; similar texture of skin on neck; more defined jowls in K; similar neck creases; some marks present on K, not visible in U, may be due to pose
Z9L8L3	Inconclusive	The camera angle in the unknown makes a complete comparison difficult. There are a few moles that are similar in location. The length of the neck is similar. Creases are difficult to compare.
ZCKK6L	Similar	narrow width, short length, and musculature is consistent, although the unknown's seems to be slightly thicker, which could be attributed to angle/ position of the neck or slight weight difference; "v" shaped pocket at the base of the neck is similar; neck creases are similar in irregular shape, quantity, location, and prominence; known has three large, prominent, darkly color facial marks on the left side of the base of the neck in a triangular formation, and a few other ones throughout that aren't visible on the unknown's neck, but this could be attributed to angle differences, lighting, shirt coverage, or sun exposure differences

Features Observations Response Summary - Q9 Neck		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	31 (50.8%)	
Dissimilar	11 (18.0%)	
Inconclusive	16 (26.2%)	
Unable to Compare	3 (4.9%)	
Not Applicable	0 (0.0%)	

Image Set Q9: Table 4.9(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Dissimilar	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Nil observed
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEWV	Not Applicable	
D3D3DQ	Not Applicable	No facial hair observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	

Image Set Q9: Table 4.9(n) - Facial Hair

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Similar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Unable To Compare	
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Inconclusive	low quality/resolution images
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q9: Table 4.9(n) - Facial Hair

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	None observed
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q9 Facial Hair			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	4 (6.6%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	2 (3.3%)	
	Unable to Compare	2 (3.3%)	
	Not Applicable	52 (85.2%)	

Image Set Q9: Table 4.9(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Nasolabial folds have a similar prominence and are found in similar locations. Mentolabial sulcus on unknown, not visible on the known possibly due to the difference in expressions. Creases on the cheeks are similar. Crow's feet are similar in amount and location. Infraorbital creases are more prominent and hang lower on the known. Creases found between the brows are more prominent on the known, but found in a similar arrangement and relative location on the unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Inconclusive	The wrinkles on the glabella (middle area between the eyebrows) is similar but the wrinkles on the cheek is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Facial lines throughout the face are similar on both subjects. The lines are more pronounced on known due to age difference
8BND4V	Similar	similar shape/curve and distribution of left/right buccal creases; similar shape/curve of left/right nasolabial folds, slightly more prominent for Known(1) which can be from age difference or slight expression difference; similar shape/number/distribution of vertical glabellar lines, slightly more prominent for Known(1) which can be from age difference or slight expression difference; visible frontal lines above right eyebrow appear similar
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAF7	Similar	similar nasolabial line positions and curvatures, other lines discussed above
9WM27B	Similar	placement, distribution, shape, and size of glabellar lines are similar. nasolabial folds are similar in placement size shape and length. Buccal creases are similar in shape size depth and placement.
A4GTRA	[Not Reported]	Similarities include: Vertical glabellar – location; Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Infraorbital crease; Nasolabial crease – location; Buccal creases – location; Wrinkles on neck – location Dissimilarities include:; Vertical glabellar – prominence; Nasolabial crease – prominence; Buccal creases – prominence; Wrinkles on neck – prominence Not comparable: Frontal lines; Nasion crease; Lateral nasal lines; Bifid nose crease; Circumoral striae; Mentolabial sulcus; Marionette lines; Cleft chin; Other creases
A8F4MA	Similar	Vertical glabellar line, Right and left superior palpebral crease, Right and left nasolabial crease/folds
A9BMPB	Similar	Similar lines, but less visible in unknown photo. Nasolabial, eyes. Mentolabial, neck chin R side.
AE2ZQY	Similar	Several wrinkles similar
AQVDNB	Similar	

Image Set Q9: Table 4.9(o) - Facial Lines

WebCode	Observation	Feature Notes
BF6CMR	Similar	many similar wrinkles on forehead and around mouth
BGZVPT	Similar	Both have distinct lines between the eyebrows and under eyes.
BVKBTR	Similar	lines around mouth similar, smile creases and dimples similar, wrinkles beyond dimples similar or possibly scars.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Lines around the eyes and mouth appears similar. Expressions are different so there are more on the known than the unknown. Also there is an age difference.
E2YXFT	Similar	Glabellar lines, naso labial lines and superior palpebral creases seem similar
E7JQ38	Similar	Similar glabellar line, inferior palpebral crease, left infraorbital crease, crow's feet, buccal crease shape, size, number and placement.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	many unique facial lines in common; similar vertical glabellar lines, superior palpebral crease, periorbital creases, inferior palpebral crease, nasolabial furrows, buccomandibular grooves, marionette lines, and sulcus
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar buccal folds. Similar vertical glabellar lines.
HVURP4	Similar	Noted above.
J4778Z	Similar	
JEFCV2	Similar	similar creases throughout both images
KCVE8G	Similar	previously noted
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	

Image Set Q9: Table 4.9(o) - Facial Lines

WebCode	Observation	Feature Notes
QCV8PW	Similar	There appears to be 5 vertical glabellar lines visible in the same arrangement on both subjects. There are buccal creases in a similar location and arrangement on both subjects.
QFUJLW	Similar	Nasolabial fold is similar in shape/size/length. Buccal crease is similar in location/size/shape. Rest are discussed in earlier sections.
QKRZZB	Similar	The periorbital creases on the left and right appears to be similar between the porbe and candidate. The vertical glabellar lines appear to line up between the two images as well. The nasolabial folds
QT8L8U	Similar	There appears to be an age difference in addition to the weight difference. The known has 4 visible glabellar lines between the inner corners of the brows which are also visible in the unknown, but are less prominent on the unknown. The right side periorbital creases appear similar in size and shape. Both have visible right and left buccal creases, although more visible on the know possibly due to weight loss. The start and line of the nasal labial fold appears similar.
QY9X6C	Not Applicable	
RJB49C	Similar	Facial lines are consistent on the cheeks, forehead and eyes of both, though more pronounced on known candidate, possibly due increased age.
RTFBMC	Similar	
T9A37R	Similar	Brow ridge lines are nearly identical. Vertical glabellar lines are very similar. L/R buccal creases very similar.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	mentioned in the forehead, eyes, nose, mouth and neck
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Vertical glabellar line , inferior palpebral crease, periorbital crease, buccal creases,
WK96YB	Similar	
X2TF24	Similar	Nasolabial folds appear more defined in K, may be due to lighting/aging/expression, similar in shape and location; others aforementioned
Z9L8L3	Similar	The lines on the cheeks are similar in both the known and unknown.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q9 Facial Lines		Total Participants: 61
Response	Percent Reported	
Similar	55 (90.2%)	
Dissimilar	2 (3.3%)	
Inconclusive	1 (1.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	2 (3.3%)	

Image Set Q9: Table 4.9(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Nil observed
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	not sure those are scars or wrinkles or creases.
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Dissimilar	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q9: Table 4.9(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Similar	scars present on left neck/shoulder in Unknown and likely left from the removal of moles, which are present in the Known
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	no notable scars
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	none visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Inconclusive	There appears to be scar/marks on the neck of each subject that do not line up, but these could be transient.
QFUJLW	Dissimilar	scar on the left side of neck toward sholder in the Known are not present in the Unknown.
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZD	Not Applicable	
U8BE68	Not Applicable	

Image Set Q9: Table 4.9(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Scar may be present on left side of neck, not visible on K, may be obstructed or removal of facial mark
Z9L8L3	Not Applicable	None observed
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q9 Scars		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	3 (5.0%)
	Dissimilar	3 (5.0%)
	Inconclusive	3 (5.0%)
	Unable to Compare	1 (1.7%)
	Not Applicable	50 (83.3%)

Image Set Q9: Table 4.9(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	[Not Reported]	Facial mark on the left side of the nose is similar. Mark on the right cheek is similar in size and tone. Facial marks on the knowns neck, not found on the unknown.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have the following facial marks in the same places: left side of nose, right cheek by nose, and right jaw line
8BND4V	[Not Reported]	Known(1) has presence of darker moles on neck, which could have darkened with age/sun exposure, been removed; similar shape/size of small facial mark present above left ala; appears to have similar fainter facial mark present on right cheek near right ala; similar facial mark present near bottom of lower right buccal creases
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Similar	both have mark by left side of nose, similar mark on right side of jawline
9WM27B	Similar	facial mark above left ala is similar in placement shape size and color. facial mark on right cheek is similar in placement color shape and size. facial mark on right jawline is similar in placement color shape and size. facial mark on left jawline is similar in placement color shape and size. Periorbital creases of both right and left eyes are similar in length shape size and placement.
A4GTRA	Not Applicable	Similarities include: facial mark on the right cheek; facial mark slightly above the left nasal ala; facial mark on the right jawline Dissimilarities include: A number of facial marks on the neck of R1 not observed in Q1
A8F4MA	Not Applicable	
A9BMPB	Similar	Both sides of nose, and on left side neck. L side alae nose, R side chin. Uncertain L side lower neck.
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Not Applicable	
BGVPT	Not Applicable	None noticed
BVKBTR	Similar	moles in similar position on neck but possible removed, wrinkles mole on right cheek similar,
BYKLNLR	Similar	

Image Set Q9: Table 4.9(q) - Facial Marks

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Facial mark on left side of nose and on right cheek in both.
E2YXFT	Inconclusive	A darker spot under the right eye next to the lower part of the nose is observed, several larger moles on the neck area of known image, whereas just two possible moles seen on unknown image (rest could be covered by clothing)
E7JQ38	Similar	Similar darker tone skin marks visible at the corner where the left ala meets the nose body, at the middle of the right cheek, on the right lower cheek where it meets the jawline.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar marks on left shoulder/neck and on either side of the nose
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Similar	Noted above.
J4778Z	Similar	similar marks in shape size and location
JEFCV2	Similar	multiple marks throughout both images which are similar in location, coloring, relationship
KCVE8G	Similar	noted above
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	neck- different color
QCV8PW	Inconclusive	There appears to be scar/marks on the neck of each subject that do not line up, but these could be transient.
QFUJLW	Similar	discussed in earlier sections.
QKRZZB	Similar	Skin tags on the candidate are not visible on the probe. A mark above the left alae that is visible on both the probe and candidate.

Image Set Q9: Table 4.9(q) - Facial Marks

WebCode	Observation	Feature Notes
QT8L8U	Similar	The facial mark on the left side of the nose near the alae on the cheek appears similar. The facial mark on the right buccal crease appears similar. The mark on the right cheek near the nasal labial fold appears similar. Two of the marks on the neck leading down to the chest/shoulder area appear similar in location.
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Similar	neck and shoulders (moles removed?)
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZD	Inconclusive	
U8BE68	Similar	mentioned in the nose
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Mole in left ala
WK96YB	Inconclusive	
X2TF24	Similar	Facial mark on right jawline, facial mark on left side of nasal body similar in location/size/shape; similar mark on right cheek; others aforementioned
Z9L8L3	Similar	Very few facial marks on face, but the ones that are present are in both the unknown and know (See cheeks).
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q9 Facial Marks		Total Participants: 59
	<u>Response</u>	<u>Percent Reported</u>
	Similar	38 (64.4%)
	Dissimilar	3 (5.1%)
	Inconclusive	6 (10.2%)
	Unable to Compare	0 (0.0%)
	Not Applicable	12 (20.3%)

Image Set Q9: Table 4.9(r) - Alterations

WebCode	Observation	Feature Notes
2EKB7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Focal Length
2XLVQ2	[Not Reported]	Both known and unknown are wearing glasses. Difference in camera angles. P
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Similar	Both subjects wear glasses
8BND4V	[Not Reported]	both are wearing glasses, Unknown(2) has rounder/smaller frames
8FHAQ2	Similar	eyeglasses
8T7EYX	Dissimilar	focal length
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Makeup - dissimilarities include: eyebrows
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	neck moles appear to be removed on unknown.
BYKLNK	[No observations reported for this feature.]	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Similar	Glasses on both images
E7JQ38	Dissimilar	Unknown: Eyebrow could be drawn in and not visible in the Known.
E9D7GU	Inconclusive	

Image Set Q9: Table 4.9(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Similar	both have glasses, but the frames are different
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	both wearing glasses, but different styles, different hairstyles
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Glasses
PT369V	Similar	facial expression
QCV8PW	Similar	Glasses on both
QFUJLW	[Not Reported]	Both are wearing glasses
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Both have glasses on, the known appears to have makeup on throughout whole face
RJB49C	Not Applicable	
RTFBMC	Inconclusive	different styles of glasses, possible makeup in unknown
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Similar	both individuals wearing glasses; clothing covering part of neck in unknown

Image Set Q9: Table 4.9(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Dissimilar	Tattoo eyebrow
WK96YB	Not Applicable	
X2TF24	Dissimilar	Makeup aforementioned
Z9L8L3	Not Applicable	None observed
ZCKK6L	Similar	both are wearing glasses, which obstructs parts of the eyes and nasal root

Features Observations Response Summary - Q9 Alterations		Total Participants: 53
	<u>Response</u>	<u>Percent Reported</u>
	Similar	10 (18.9%)
	Dissimilar	8 (15.1%)
	Inconclusive	2 (3.8%)
	Unable to Compare	0 (0.0%)
	Not Applicable	33 (62.3%)

Image Set Q9: Table 4.9(s) - Other Features

WebCode	Feature	Response	Feature Notes
3UFTE6	moles	Similar	
9WM27B	Additional Considerations		Also considered age progression and weight loss in comparison process.
A4GTRA	Comparison limitations		Examination limitations: The images displayed a number of limiting factors including, but not limited to, age, pose, lighting and image quality conditions. These limited the comparison and the observations that were able to be made.
E7JQ38	Limitations	NotApplicable	Expression, ageing, weight and occlusion (hair and glasses).
EYNFWN	Cosmetics		Unknown has filled in eyebrows and possibly eyeliner
PT369V	glasses	Similar	
QY9X6C	Overall Image Quality	Dissimilar	Both images are of good quality, the known is more of an angled image where the unknown is more of a frontal image, the known head is slightly tilted
U67Nzd	Moles	Similar	
WK96YB	moles	Similar	

Detailed Feature Observations

TABLE 4 - Image Set Q10

Image Set Q10: Table 4.10(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Unable To Compare	Lighting
2XLVQ2	Dissimilar	Tone of the skin is somewhat similar, reddish tint on the known. Tone of the knowns skin appears to be smoother.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The skin tone is dissimilar.
4EKVRZ	Similar	
4NN6W4	Inconclusive	
6VNPYY	Inconclusive	Both subjects are white females. Known has smooth skin with some redness in the cheeks and chin. Unknown skin appears to have some potential acne and is possible wearing face powder, skin is more even toned with no redness
8BND4V	Dissimilar	Known(1) has more reddish tint to skin tone; difference in lighting
8FHAQ2	Similar	
8T7EYX	Unable To Compare	lighting
9NAAFD	Dissimilar	despite lighting differences between images, skin tone appears slightly different, skin texture also appears different with known's skin appearing smoother
9WM27B	Dissimilar	skin texture and tone is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Marks, texture
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	different coloring, may be due to lighting
BGVZPT	Dissimilar	Known has smoother and younger looking skin
BVKBTR	Inconclusive	
BYKLNK	[No observations reported for this feature.]	
CBAKDA	Inconclusive	
D2JEVW	Similar	

Image Set Q10: Table 4.10(a) - Skin

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Skin color is similar though known appears to have more pink undertones while unknown has more yellow undertones.
E2YXFT	Dissimilar	Texture, especially on the neck seems different
E7JQ38	Similar	Similar skin tone.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Inconclusive	Both have lighter skin, but unable to determine skin tone due to lighting differences.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Dissimilar	known has a smooth texture while unknown has a more textured texture
HVURP4	Dissimilar	Skin coloring appears different. The known image has pinker toned skin while the unknown's is lighter beige and also the texture of the unknown appears bumpier while the knowns appear smooth.
J4778Z	Dissimilar	texture and color appear different. One has more scaring or texture.
JEFCV2	Similar	lighting off in both images
KCVE8G	Dissimilar	Both known and unknown images have light color skin. The known image has a warmer tone to the skin than the pale-yellow tone of the unknown skin. Both known and unknown's skin has a similar smooth texture.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	Lighting difference at capture. Both have light skin but Unk appears to be possibly wearing makeup. Unk appears to have several blemishes not visible in K.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Dissimilar	The subjects appear to present with a light skin tone with a difference in color/hue which could be due to imaging conditions exposure, etc. The unknown appears to have a more textured skin than the known.
QFUJLW	Similar	Similar in light color.
QKRZZB	Similar	Skin tones could be similar, but the candidate looks to have a fairer skin tone compared to the probe.
QT8L8U	Dissimilar	Texture appears different. Could be the lighting and image quality or makeup choice. The unknown's texture appears cakey and rough while the known's appears smooth.
QY9X6C	Dissimilar	Tone is more yellow in the unknown, tint is redder in the known, texture appears to be smoother in the known

Image Set Q10: Table 4.10(a) - Skin

WebCode	Observation	Feature Notes
RJB49C	Dissimilar	Skin on known is smoother and appears unblemished. Unknown's skin is darker in complexion, possibly due to lighting difference.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZZ	Dissimilar	
U8BE68	Similar	skin tone and texture appears to be similar between subjects
UGXDTR	Similar	skin tone and texture appears similar
VGDWFB	Dissimilar	Luminance and color
WK96YB	Dissimilar	
X2TF24	Dissimilar	Skin appears dissimilar in texture/overall tone/luminance, may be due to lighting
Z9L8L3	Dissimilar	Both are caucasian females. Similar skin tone. The lighting in the unknown is dark and she is wearing makeup so it's difficult to compare.
ZCKK6L	Dissimilar	texture is dissimilar, as the known's is smooth whereas the unknown's is textured around the mouth and on the chin, however the addition of makeup could make texture more evident, or this could be attributed to age difference; fair complexion is similar, however the unknown's is lighter, but this could be attributed to the shade of the makeup

Features Observations Response Summary - Q10 Skin		Total Participants: 61
Response	Percent Reported	
Similar	19 (31.1%)	
Dissimilar	29 (47.5%)	
Inconclusive	9 (14.8%)	
Unable to Compare	3 (4.9%)	
Not Applicable	1 (1.6%)	

Image Set Q10: Table 4.10(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Unable To Compare	Unable to compare, known's head isn't fully visible.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The face shape is dissimilar.
4EKVRZ	Similar	
4NN6W4	Unable To Compare	
6VNPYY	Inconclusive	Both subjects have small heads with high cheekbones. Unknown head appears more square at bottom and known head appears more triangular at bottom. This could be due to a difference in head angle/ tilt
8BND4V	[Not Reported]	unable to compare much of overall face/head outline due to image being cut off for Known(1) and from hair/bangs
8FHAQ2	Unable To Compare	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	head shapes are different with unknown's appearing more squared toward bottom
9WM27B	Dissimilar	the face/head outline is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall shape of the face Not comparable: Shape of the cranial vault
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Asymmetric chin
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Similar	both are round shaped
BGVZPT	Dissimilar	Known has rounder face and looks a little younger
BVKBTR	Inconclusive	glasses somewhat distort the view on unknown, and expression.
BYKLNK	Similar	
CBAKDA	Inconclusive	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Known's outline appears more oval and unknown's outline appears more round.
E2YXFT	Inconclusive	Part of the face on known image is missing

Image Set Q10: Table 4.10(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar overall shape of face.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Known's face appears more heart-shaped and Unknown's appears more square (could be caused by pitch differences).
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Known has a higher cranial vault and a more round face
HVURP4	Similar	Face and head outline appear similar between the two images.
J4778Z	Unable To Compare	
JEFCV2	Inconclusive	hard to follow- not fully available in known, covered by hair in unknown
KCVE8G	Dissimilar	The outline of unknown's head is round, even in width from the top of the head to the jawline and unlike the slightly more oval appearance to the contour of known's head.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	difference in expression and only a partial view of K's head/face.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Not Applicable	
QCV8PW	Dissimilar	The face/head outline appears to be more oval on the known and more squared on the unknown.
QFUJLW	Dissimilar	Outline is not similar in shape. Unknown appears more rectangle. Known is more oval.
QKRZZB	Dissimilar	The candidate appears to have a wider face outline compared to the probe.
QT8L8U	Unable To Compare	Both are largely obstructed by hair. Unable to compare.
QY9X6C	Dissimilar	The unknown has more of a circular face shape, the known is more oval, the width of the known is wider, the unknown is shorter in the length
RJB49C	Dissimilar	Known candidate has more of an oval face, where unknown has a more round face.
RTFBMC	Unable To Compare	known is not fully visible
T9A37R	Dissimilar	Known face shape is wide to narrow from top to bottom while unknown is much rounder overall.
TLDKJC	Dissimilar	

Image Set Q10: Table 4.10(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	overall outline of known face is cropped out of the image - the right side of the faces appear to differ in shape around the cheek bone and jawline regions
UGXDTR	Inconclusive	unable to fully compare facial shape due to hair covering and image being cut off, but from what is visible the facial shape appears different with the known's facial shape appearing more pear shaped and the unknown appearing more squared off/boxy at the lower portion of the face
VGDWFB	Inconclusive	Overall shape of face
WK96YB	Dissimilar	
X2TF24	Dissimilar	Shape of face from what is visible appears dissimilar in inferior portion; unable to determine shape of cranial vault
Z9L8L3	Inconclusive	Known has a slightly rounder, smaller face. Unknown has thinner cheeks, but could be due to no facial expression that is seen in known.
ZCKK6L	Inconclusive	part of the known's face isn't captured, however the overall angular shape and small size appears to be similar

Features Observations Response Summary - Q10 Face/Head Outline		Total Participants: 61
Response	Percent Reported	
Similar	9 (14.8%)	
Dissimilar	25 (41.0%)	
Inconclusive	17 (27.9%)	
Unable to Compare	6 (9.8%)	
Not Applicable	4 (6.6%)	

Image Set Q10: Table 4.10(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Inconclusive	Inter-canthal distance is similar. Nose to mouth distance is dissimilar, possibly due to the difference in expressions.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The overall distance of eye, nose, and mouth relative to each other is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Unable To Compare	
6VNPYY	Similar	Features are spaced evenly on both subjects.
8BND4V	Dissimilar	relative approx. distance from nasal tip to upper lip appears slightly shorter for Known(1) than Unknown(2)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Inconclusive	features do appear to be in similar positions relative to the other features in both known and unknown, ears appear lower on unknown but could be to slight head tilt difference between the two
9WM27B	Dissimilar	facial features of unknown are closer together than that of known.
A4GTRA	[Not Reported]	Similarities include: Approximate width of nose relative to eye distances Dissimilarities include: Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Eye position relative to face length Not comparable: Ear position relative to eyes, nose, and mouth
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Nose – mouth/mouth-chin relations
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	eyes seem a little wider apart in known sub
BGVPT	Dissimilar	Unknown eyes appear wider set
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Inconclusive	
D2JEVW	Similar	

Image Set Q10: Table 4.10(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Distance between nose and mouth of unknown appears greater than in the known. This could be due to the position of the unknown's head.
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Dissimilar	Dissimilar nose and mouth width relative to the eyes.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Similar	somewhat similar
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Facial features appear to be in the same similar position on the face
HVURP4	Inconclusive	Face/head composition appear similar in that the features ie...eyes nose mouth chin appears to be in the same relative location
J4778Z	[No observations reported for this feature.]	
JEFCV2	Similar	
KCVE8G	Similar	Features have similar placement on the face. Both known and unknown images have a mostly symmetrical face.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	Foreheads are obscured by hair in both, slight angle difference in capture. Both appear to have normally spaced features for what is visible
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The features of the face appear to have a tighter composition on the unknown.
QFUJLW	Dissimilar	Features are not placed on the face in a similar fashion. The nose is closer to the mouth in the known than in the unknown.
QKRZZB	Dissimilar	The distance from the lower lip to the chin appears to be different between the probe and candidate.
QT8L8U	Inconclusive	Head obstructed by hair. Placement of the features on the face appears similar.
QY9X6C	Dissimilar	Distance from eyes to mouth is shorter in the unknown, distance from nose to mouth appears to be shorter in the known but could be due to expression, distance between eyes seems to be wider in the known, distance from mouth to chin is longer in the known
RJB49C	Inconclusive	Both had symmetric faces with some similar features.

Image Set Q10: Table 4.10(c) - Face/Head Composition

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	composition of the facial features appear to differ in regard to relative shape and size of the features
UGXDTR	Similar	with the features that are available for comparison, they seem relatively similar in proportion and symmetry to one another
VGDWFB	Inconclusive	
WK96YB	Similar	
X2TF24	Dissimilar	Approximate width of nose relative to eyes appear dissimilar; approximate width of mouth relative to eyes appears similar; Approximate distance from chin to lower lip relative to face length appears longer in K, may be due to pitch change;
Z9L8L3	Dissimilar	Distance between the eyes appears a little wider in the known than unknown. Otherwise no obvious differences.
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features are relatively similar with respect to each other and their location on the face

Features Observations Response Summary - Q10 Face/Head Composition		Total Participants: 59
Response	Percent Reported	
Similar	21 (35.6%)	
Dissimilar	21 (35.6%)	
Inconclusive	12 (20.3%)	
Unable to Compare	1 (1.7%)	
Not Applicable	4 (6.8%)	

Image Set Q10: Table 4.10(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Inconclusive	Both subjects have bangs. The color of the hair is dissimilar, unknown's hair is lighter and known has a purple streak. Unknowns hair is pulled back. Texture of the hair appears to be similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The texture of the hair is similar but the color is dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has brown hair with some pieces dyed pink/red, straight bangs, long straight hair, part in approx middle. Unknown has blonde/strawberry blonde hair, most of hair pulled back, shoulder length thin wavy pieces framing face, bangs with some wave at the ends.
8BND4V	Dissimilar	Known(1) has brown hair with red under highlights while Unknown(2) has blond coloring to hair; Known(1) has hair down while Unknown(2) has hair pulled back
8FHAQ2	Inconclusive	
8T7EYX	Similar	
9NAAFD	Dissimilar	both have long bangs, known has hair down and unknown has hair up, unknown's hair appears a little more wavy than known, hair color is different but could be a dye difference
9WM27B	Dissimilar	hair color and texture appear dissimilar.
A4GTRA	[Not Reported]	Similarities include: Hair: shape/spatial distribution, texture, density Dissimilarities include: Hair: symmetry, tonality, style Not comparable: Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Structure, color
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar style, straight with bangs
BGVZPT	Dissimilar	Known has fuller hair with different texture and color
BVKBTR	Inconclusive	part at top seems similar, texture could be similar. wavy vs straight. color different.
BYKLNK	Similar	
CBAKDA	Inconclusive	

Image Set Q10: Table 4.10(d) - Hair

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Similar	Texture is similar. Color is different but it appears that the hair of the unknown has been colored or bleached while the hair of the known appears natural.
E2YXFT	Similar	Similar texture
E7JQ38	Dissimilar	Dissimilar hair color.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	Both have eyebrow-skimming bangs, with the starting point being higher on the crown. Both have artificial hair coloring; Known has purple streaks, Unknown has strawberry blonde hair (color not consistent with eyebrow color). Both have fine hair with moderate growth density.
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar texture. Different color but that could be due to dying.
HVURP4	Dissimilar	Dissimilar hair color with the knowns being darker in color and some red added in, while the unknowns is more blond. The texture and length of bangs appear similar.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	both have bangs, different coloring, different hairstyles
KCVE8G	Dissimilar	Known and unknown both have long, straight bangs that rest flat and completely cover the forehead down to the brow ridge. Known has medium brown hair that is inconsistent with unknown's lighter, yellow hair color. Unknown has long hair that is pulled behind the head and known has long, straight hair that rests along the sides of the head. Although both subjects have straight hair, the texture appears inconsistent.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Unk has blonde hair, pulled back, heavy bangs with darker brows. K has straight light brown hair with a pink streak in it, with heavy bangs, worn down.
MMPAFW	Inconclusive	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Inconclusive	The true hairline cannot be compared due to the hairstyle of the subjects. The hair color appears to be dissimilar, and the texture seems frizzier on the known.
QFUJLW	Dissimilar	Not similar in color/texture

Image Set Q10: Table 4.10(d) - Hair

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	Hair color appears to be different between the probe and candidate as well as the texture.
QT8L8U	Similar	Hair texture appears similar coloring of the hair appears dissimilar.
QY9X6C	Dissimilar	Color is dissimilar – the known has some brown/pink where the unknown is blonder, both have bangs, the known has hair down and unknown has hair pulled back with some strands hanging down, can't tell about hairline due to hair style, texture appears to be smoother in the known
RJB49C	Similar	The hairstyle for each appears similar with known having darker color than unknown.
RTFBMC	Similar	similar style, slight color difference
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67Nzd	Similar	
U8BE68	Dissimilar	hair differs in color - texture appears to be similar - style appears to differ with unknown possibly being tied back - the 'bangs' of the hair appear to be similar in length
UGXDTR	Inconclusive	hair is slightly similar in color with the known having dirty blonde or light brown hair with some pink highlights and the unknown having dirty blonde/ light brown hair with some blonde highlights; hair texture appears similar; hair length appears different with the known appearing to have longer hair than the unknown, but unsure because it looks like the unknown could have their hair pulled up; unable to compare hairline growth pattern due to hair covering
VGDWFB	Dissimilar	color
WK96YB	Similar	
X2TF24	Dissimilar	Hair appears dissimilar in texture, color, style, may be due to intentional alterations; both have bangs
Z9L8L3	Inconclusive	Hair is different color, but the length of the bangs from the top of the head appear similar.
ZCKK6L	Inconclusive	color is dissimilar, as the known has pink hair dye with apparent natural light brown color, whereas the visible portion of the unknown's is a yellow/blonde color and what is pulled back appears to be darker, however this could be attributed to grooming differences; hairline can't be compared due to styles displayed; the shape of the hair on top of the head, specifically the manner in which the left side is raised higher is similar; straight type, growth pattern, length, and thickness of the bangs appear to be similar

Features Observations Response Summary - Q10 Hair		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	20 (32.8%)	
Dissimilar	23 (37.7%)	
Inconclusive	15 (24.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	3 (4.9%)	

Image Set Q10: Table 4.10(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, covered on both subjects.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The forehead cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Foreheads are covered by bangs on both subjects.
8BND4V	Unable To Compare	unable to compare details of forehead due to presence of hair/bangs
8FHAQ2	Unable To Compare	hair distribution restricts to see forehead
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	not enough forehead visible in either due to bangs to compare
9WM27B	Unable To Compare	not used to compare due to obstruction by hair.
A4GTRA	[Not Reported]	Not observed: Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	bangs covering in both subs
BGVZPT	Unable To Compare	Obstructed by hair
BVKBTR	Inconclusive	most of this is covered by hair, possibly similar.
BYKLNK	Inconclusive	
CBAKDA	Inconclusive	
D2JEVV	Unable To Compare	
D3D3DQ	Unable To Compare	Bangs cover forehead in both images.
E2YXFT	Inconclusive	Brow ridges seem to me higher on unknown image
E7JQ38	Unable To Compare	Forehead not observed.
E9D7GU	Inconclusive	

Image Set Q10: Table 4.10(e) - Forehead

WebCode	Observation	Feature Notes
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Forehead covered by bangs
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Unable To Compare	Unable to compare due to bangs covering entire forehead
HVURP4	Inconclusive	Due to bangs covering the forehead it is difficult to determine. The distance from brow to top of the head does appear similar.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	obscured by bangs in both images
KCVE8G	Similar	The entirety of the forehead, down to the brow ridge of both known and unknown are covered by long, straight hair or bangs coming from the top of the head. Details such as lines, marks, scars, and/or creases are not visible on the forehead and therefore not comparable. The skin on the forehead is visible through spaces in the hair and appears to be similar in color, tone and texture between known and unknown images.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Foreheads are obscured by hair in both
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Inconclusive	The foreheads appear that they may have a similar height however due to the cropping of the known and the hairstyle the rest of the forehead cannot be compared more thoroughly.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared.
QT8L8U	Unable To Compare	Obstructed by hair
QY9X6C	Unable To Compare	Can't compare due to hair length/style hanging on the forehead
RJB49C	Unable To Compare	Hair is covering both candidate's foreheads.
RTFBMC	Unable To Compare	obstructed by hair style
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	

Image Set Q10: Table 4.10(e) - Forehead

WebCode	Observation	Feature Notes
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	forehead of both subjects are covered by hair
UGXDTR	Unable To Compare	unable to fully compare due to hair covering
VGDWFB	Unable To Compare	Covered by hair
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Forehead are obscured by hair so a complete comparison cannot be conducted.
ZCKK6L	Unable To Compare	due to bang coverage

Features Observations Response Summary - Q10 Forehead			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	2 (3.2%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	8 (12.9%)	
	Unable to Compare	48 (77.4%)	
	Not Applicable	4 (6.5%)	

Image Set Q10: Table 4.10(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Eyebrows are partially covered on known and unknown. Unknowns appear to be thicker and more arched.
3UFTE6	Dissimilar	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The eyebrows cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Inconclusive	Eyebrows mostly covered by bangs, right eyebrow partially visible on both subjects. Known eyebrow appears flatter from right to left, while unknown appears to have a slight curve from right to left
8BND4V	[Not Reported]	difficult to compare much of eyebrows due to being mostly covered by bangs, especially for Known(1); relative distance of eyebrows to eyes appears slightly closer/lower for Known(1) than Unknown(2)
8FHAQ2	Unable To Compare	hair distribution restricts to see forehead
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	curvature and position above eyes is different, unknown's brows are thicker
9WM27B	Dissimilar	Only right eyebrow used in comparison due to obstruction and part of left eyebrow of known being cropped. Dissimilar in color, grooming, growth pattern.
A4GTRA	[Not Reported]	Dissimilarities include: Size - R only Not observed: Shape; Position; Conjoined; Density of hair; Hair details; Asymmetry
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Inconclusive	
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	unk sub has thicker brows, more arched, darker
BGVZPT	Dissimilar	Although partially blocked by hair you can see that the unknown has fuller brows
BVKBTR	Dissimilar	unknown seems more bushy than known. Mostly covered up on known though.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Inconclusive	
D3D3DQ	Dissimilar	Eyebrows of the unknown appear fuller than the known despite appearing older.

Image Set Q10: Table 4.10(f) - Eyebrows

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar right eyebrow thickness.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Partial right brow visibility in Known, partial visibility of both brows in Unknown. Known brows are flat with low density hair growth. Start of brow is lateral to medial canthus. Unknown brows are rounded and thicker. Start of brow medial to the medial canthus. The distance from the brow and eye fissure is larger in the Unknown than the Known. Unknown's brows appear to be groomed and it's possible that the brow shape and density has been altered with makeup.
FG99H7	Unable To Compare	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has thicker eyebrows that are more rounded.
HVURP4	Inconclusive	Difficult to see clearly as they are covered by bangs, but they do appear similar in placement in regard to the eye lid and also the coloring appears consistent.
J4778Z	Dissimilar	most obstructed but color and bushiness appear different
JEFCV2	Dissimilar	obscured by bangsm appears thinner in known image
KCVE8G	Dissimilar	Both known and unknown's eyebrows are mostly covered by long bangs. Unknown's eyebrows appear, thicker, darker, and wider than known's eyebrows. Glabellar lines are not visible in either of the images. The distance between the known's eyebrows appears wider than the distance between the unknown's eyebrows.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Eyebrows are mostly obscured by hair in both.
MMPAFW	Inconclusive	
MX9NJY	Dissimilar	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Dissimilar	The eyebrows appear to be different in color. The knows brows appear to be thinner and start more laterally. The unknown's brows appear to have more of an arc and slight asymmetry.
QFUJLW	Unable To Compare	
QKRZZB	Dissimilar	The colors of the eyebrows appear to be different. The probe's eyebrows look to be slightly darker compared to the candidates'. The eyebrows of the probe appear to be thicker than the probes.
QT8L8U	Inconclusive	Largely obstructed by hair. However, there are visible portions and it the density, distance between inner corners, and grooming appear similar.

Image Set Q10: Table 4.10(f) - Eyebrows

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Color is darker in the unknown, distance apart is wider in the known, known is thinner, distance from eyes is larger in the unknown, can't tell where they start/stop due to bangs, brow ridge looks higher in the unknown
RJB49C	Dissimilar	Known had thinner eyebrows than unknown. Both are partially obstructed by hair.
RTFBMC	Unable To Compare	flatter arch in known but not fully visible in either image
T9A37R	Dissimilar	Known eyebrows are more arched and thicker.
TLDKJC	Inconclusive	
TQ9EET	Dissimilar	
U67NZZ	Dissimilar	
U8BE68	Unable To Compare	brows are obstructed by hair - unknown brows appear to be darker in color
UGXDTR	Inconclusive	unable to fully compare due to hair covering; it does appear that the medial distance between eyebrows appears shorter in the unknown; with what is visible the unknown's eyebrows appear thicker
VGDWFB	Dissimilar	Density of hair within eyebrow and distribution of density
WK96YB	Dissimilar	
X2TF24	Dissimilar	Right eyebrow appears thicker and dissimilar in shape from what is visible; left eyebrow not visible to compare in K
Z9L8L3	Dissimilar	Difficult to compare due to hair covering them, but the unknown's eyebrows look a little more fuller than the known's.
ZCKK6L	Dissimilar	majority of the known's brows are covered by the bangs, however the visible portions indicate that they are lighter and thinner than the unknown's, but shape appears to be somewhat similar, although unknown's appears to be curved to a greater degree, but this could be attributed to grooming differences; approx. distance above the eyes is dissimilar, as the unknown's are positioned further, but this could be attributed to the pitch difference

Features Observations Response Summary - Q10 Eyebrows		Total Participants: 61
Response	Percent Reported	
Similar	1 (1.6%)	
Dissimilar	34 (55.7%)	
Inconclusive	12 (19.7%)	
Unable to Compare	12 (19.7%)	
Not Applicable	2 (3.3%)	

Image Set Q10: Table 4.10(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknown is wearing glasses. Knowns eyes are more prominent. Superior palpebral crease have a similar prominence, right crease on the known splits at the end, not found on the unknown. Unknowns eyelashes are longer. Right medial canthus on the unknown is fleshier. Knowns left medial canthus is more angled, more linear on the unknown.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The eye shape and size, and the area below the eye is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Eyelashes are not visible on known and are long and visible on unknown. Upper portion of eye appears closer to eyebrows on known. Puffiness and lines under eyes of known. Under eyes of unknown are smooth with no visible lines
8BND4V	Dissimilar	Known(1) appears to have more prominent rounded creases under eyes, infraorbital creases appear more rounded for Known(1) than Unknown(2); lateral end of right superior palpebral crease of Known(1) appears to have multiple visible creases, one curving lower/closer to right lateral canthus
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	eye shapes are different, eye lid shapes are different, medial canthus shapes and sizes are different, under eye lines are different
9WM27B	Dissimilar	Eye fissure, shape of medial canthus, slope of the lateral canthus are dissimilar. the lateral eyelid of the left eye of the known has a unique additional fold that is not observed in the unknown image. the protrusion of the lower eyelids of the known is not observed in that of known. intercanthal distance appears dissimilar.
A4GTRA	[Not Reported]	Similarities include: Intercanthal distance; Dissimilarities include:; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil, lash characteristics; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil, lash characteristics; Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry Not comparable; Interpupillary distance; Eyeball prominence; Iris: irregularity of iris
A8F4MA	Dissimilar	Intercanthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, right and left eyeball prominence, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Dissimilar	Superior palpebral fold, Inferior palpebral fold, width of fissure
AE2ZQY	Similar	

Image Set Q10: Table 4.10(g) - Eyes

WebCode	Observation	Feature Notes
AQVDNB	Dissimilar	
BF6CMR	Similar	similar shape, upper lids
BGZVPT	Dissimilar	Known eyes are rounder and a pronounced inferior palpebral crease
BVKBTR	Dissimilar	Upper eye and white space seem similar, however, lower eyes seem different. Maybe due to makeup. eyelashes more defined on unknown. eyes on unknown seem more sunken and known has dark circles in curve.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Eye color appears similar but there are additional lines on the upper eyelid and below the eyes of the known that are not observed in the unknown.
E2YXFT	Dissimilar	More protruding eye and lower eyelids on known image, eyes of known image also seem bigger
E7JQ38	Dissimilar	Dissimilar eye angle, eye asymmetry, upper lid angle, prominence and visibility of eyelashes and lower lid fullness.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Unknown's interpupillary distance is slightly larger than Unknown's. Both have almond-shaped eyes; Known's eye fissures slant up slightly at lateral end, but Unknown's are flat. If a vertical line is extended straight down from the Known's medial canthi, it intersects the ala more than in the Unknown (Note - it's possible that the ala are flared more due to the smiling). Shape of lower fissure is dissimilar; Known's is mostly uniformly rounded, Unknown's slants downward past the lateral side of the iris, and then it angles up to the lateral canthi. Dissimilar eye to brow distance; Known's is shorter and Unknown's is larger (Note - this distance could be caused by expression and changes in pitch). Upper eyelids and superior palpebral creases present differently.
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Known has more rounded, open eyes while the unknown has more closed eyes. Both have similar upper eyelids. Unknown has a larger distance between the eyebrow and the lower eyelid
HVURP4	Inconclusive	Similar almond shape eyes, but the known's eyes are open wider and does not appear to have lashes while the unknown is more squinty, and the eye lashes are visible. The undereye creases do appear to be in a similar location, but the known's appear puffier than that of the unknown.
J4778Z	Dissimilar	sclera and under eye protrusion appear different and medial canthus appear different
JEFCV2	Dissimilar	lateral side crease- known has a downwards Y that does not appear to be present in unknown, known has more rounded, lifted under crease below eye which does not appear in unknown (may be due to expression)

Image Set Q10: Table 4.10(g) - Eyes

WebCode	Observation	Feature Notes
KCVE8G	Dissimilar	The lighting on the known image is soft, natural and bright, and all the face features are clear. There are no harsh shadows cast on the known face. The eyes and the known image appear to be a medium tone, gray-blue color. The unknown image is wearing corrective lenses with the rims of the lenses, partially covering some details around the eyes, cheek area and across the bridge of the nose. There is shadowing cast across both eyes of the unknown image, and it is difficult to determine the eye color or tone accurately, but they are similar and appearance to the unknown eye color and tone. The palpebral fissure of known's eye is wider and has a continuous arched opening that is inconsistent with unknown straighter, more slanted, palpebral fissure. The palpebral fissure length is inconsistent between known and unknown. The contour of the medial and lateral canthus are inconsistent. The infraorbital fold of the lower eyelids of known are fuller than in the unknown image. There is little to no superficial fat under the lower eyelids of the unknown image. Unknown eyelashes are thicker and longer and more visible than the known image eyelashes. There are two small lines or creases on the upper eyelid of the left eye in the unknown image that are not present on the upper left eyelid of the unknown image.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	K has a pronounced lower lid protrusion that is not present in Unk. possibly due to difference in expression. K appears to have larger eye fissures. K appears to have lighter eyes than Unk but could be due to lighting at capture.
MMPAFW	Dissimilar	
MX9NJY	Unable To Compare	
NPD6JF	Dissimilar	
PT369V	Similar	Different eyelash
QCV8PW	Dissimilar	The known has a higher occlusion than the unknown. The subjects appear to have a similar asymmetric eye setting. The fissure appears to be more rounded on the known's right eye. The left medial canthus appears to be more pointed in the unknown. The lashes appear to be barely visible on the known image.
QFUJLW	Dissimilar	Not similar in shape/size/contour. Medial canthus is not similar in shape/size/contour. Lateral canthus is not similar in shape/size/contour. Eyelashes are not similar in length.
QKRZZB	Dissimilar	The eyes of the candidate appear to protrude more compared to the probe's. The overall shape of the eye fissure looks to be dissimilar. The shape of the medial canthus between the two images appear to be different.
QT8L8U	Similar	Fissure, presence of the sclera, iris color with the dark ring around the outside, medial and lateral canthus of both eyes, infraorbital crease start and shape, thickness of both upper eyelids, right superior palpebral crease all appear similar

Image Set Q10: Table 4.10(g) - Eyes

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Can't tell about color due to lighting darkness in unknown, sclera appears larger in the known, medial canthus is more round in the unknown where the known comes more to a point, inferior palpebral creases are lower in the known, lower eyelids are larger in the known, upper eyelids are larger in the known, superior palpebral creases are shorter in the length in the unknown, the unknown has some shadowing around the eyes due to lighting/glasses
RJB49C	Similar	The eyes on both are similar in shape and color. Folds of upper lids of both are consistent. Due to shading in unknown's photo, unable to compare below lower lids.
RTFBMC	Dissimilar	more rounded/oval shape known
T9A37R	Dissimilar	Unknown has small crease in the upper right eyelid which is not the case on the known right eyelid.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67NZD	Inconclusive	
U8BE68	Dissimilar	eyes of known appear to be more rounded compared to the narrow eyes of the unknown - superior and inferior palpebral creases appear to differ - angle of the medial canthuses differ
UGXDTR	Dissimilar	similar green eye color; the known's eyes appear more round in overall shape; the unknown's medial canthi appear slightly more narrow and elongated than the known, especially the right medial canthus; the right lateral canthus of the unknown appears more elongated than the known; the right superior palpebral crease of the known forks towards the lateral end, which is not how the unknown's is shaped; the known appears to have two superior palpebral creases and the unknown appears to have one; the known appears to have more prominent inferior palpebral creases; the left inferior palpebral crease appears more flat shaped on the bottom compared to the more round shape of the unknown
VGDWFB	Dissimilar	Upper eyelid (folds , including epicanthic fold)
WK96YB	Inconclusive	
X2TF24	Dissimilar	Periorbital eyelid appears larger in U on right; superior palpebral creases appear dissimilar in shape and prominence; more sclera in K, may be due to expression; iris color appears may be similar, looks somewhat darker in U, may be due to lighting; intercanthal distance appears wider on K; interpupillary distance appears similar; medial canthi appear sharper angle in K than U; inferior palpebral creases appear dissimilar in shape and depth; eyeballs appear more prominent on K
Z9L8L3	Dissimilar	Both have lighter colored eyes (blue). The crease in the known's right eyelid bifurcates and the unknown's does not. The unknown has very full eyelashes and the known's appear very light.

Image Set Q10: Table 4.10(g) - Eyes

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	approx. intercanthal distance and degree of hoodedness is consistent; overall eyes are dissimilar, as the known's are more rounded and prominent, the fissure opening is larger, and there is more sclera present, whereas the unknown's have a flatter appearance, fissure opening is narrower, and there is less sclera visible, however eye color appears to be similar; majority of the left superior palpebral crease is obstructed by the known's bands and unknown's glasses, but the shape of the right superior palpebral crease is dissimilar, as the known's appear to be curved to a greater degree, whereas the unknown's are rounded at the lateral ends and then tend to slope inward at the medial ends; the known appears to have a double crease on the left eye, whereas the second crease is not visible on the unknown; known's upper and lower eyelids are more rounded whereas the unknown's are more almond shape; medial canthi are dissimilar, as the known's are shorter and pointed with minimum light pink caruncle visible, whereas the unknown's are elongated and rounded with a deeper pink, more prominent, and meatier caruncle visible; upper lashes are dissimilar, as the unknown's are longer, thicker, darker, and more prominent, but this could be attributed to the application of makeup; known has very distinct inferior palpebral creases that follow the curvature of the eye and the area between the crease and lower lid is thick, whereas the unknown's inferior palpebral creases aren't as evident and doesn't have the thick area beneath the eyes, but does have slight bags; the unknown's application of makeup could attribute to lesser visibility of creases, however this wouldn't conceal the thickness beneath the eye

Features Observations Response Summary - Q10 Eyes			Total Participants: 62
	Response	Percent Reported	
	Similar	13 (21.0%)	
	Dissimilar	41 (66.1%)	
	Inconclusive	6 (9.7%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	1 (1.6%)	

Image Set Q10: Table 4.10(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Inconclusive	Fullness of the cheeks are similar. Cheekbone more prominent on the known, possibly due to the difference in expressions.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The cheek shape around the cheekbone area is dissimilar.
4EKVRZ	Similar	
4NN6W4	Not Applicable	
6VNPYY	Inconclusive	Known has an open mouth smile which is causing cheeks to be more pronounced.
8BND4V	[Not Reported]	cheeks more lifted for Known(1) than Unknown(2) from smiling expression
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	cheek shapes and contours are different in both cheeks of know and unknown
9WM27B	Similar	height and fullness of cheeks appears similar.
A4GTRA	[Not Reported]	Dissimilarities include:; Cheekbone prominence; Cheek shape Not comparable: Dimples
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Protrusion of cheek is fuller medial and superior on candidate
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known sub has rounder cheeks
BGZVPT	Dissimilar	Known has rounder cheeks
BVKBTR	Dissimilar	cheeks seem more puffy on known than unknown.
BYKLNK	Similar	
CBAKDA	Inconclusive	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Cheeks of the known appear more full, but that could also be due to expression.
E2YXFT	Dissimilar	Chubbier on known image, possibly because of facial expression
E7JQ38	Dissimilar	Dissimilar cheek fullness.

Image Set Q10: Table 4.10(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	Unknown's cheeks appear larger in area with lower zygomatic arches. Smiling differences impacting cheek shape appearance. Known has more cheek fullness (could be due to smiling and age difference).
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Known has more prominent cheek bones, possibly due to smiling. Known has faint dimples
HVURP4	Inconclusive	The cheeks are similar in fullness and the apple portion. The length of the cheek area from under the eyes to the chin area appears consistent. The nasal crease placement on the sides of the bridge of the nose also appear in consistent placement. There are several markings on both right and left cheek of the unknown that is not present on the known image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	cheeks more rounded in known, nasolabial crease more pronounced in known
KCVE8G	Dissimilar	Known's cheeks are slightly raised, they are full, round and have a slight rosy tone. The structure of unknown images cheekbones appears wider than known cheekbones and the texture of the skin appears less smooth than known.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Difference in expression. Both appear to have high, protruding zygomatic bones but the front cheek area appears fuller in K and the nasolabial creases appear deeper on Unk even when not smiling.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The cheeks appear to be fuller on the known however there is an expression change. The unknown's cheeks do not appear to indent as much as the known.
QFUJLW	Dissimilar	Not similar in size/shape.
QKRZZB	Dissimilar	The candidate appears to have fuller cheeks compared to the probe.
QT8L8U	Similar	Height of the right cheek bone appears similar.
QY9X6C	Dissimilar	Some of the left cheek of the known is cut off due to image, cheeks are redder in the known, marks on the unknown's cheeks that are not visible in the known, cheeks are fuller in the known, the unknown cheeks are longer in length
RJB49C	Similar	Cheeks of both are consistent in fullness with no observable marks.

Image Set Q10: Table 4.10(h) - Cheeks

WebCode	Observation	Feature Notes
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown has cheeks with more rounded projection.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67NZZ	Inconclusive	
U8BE68	Dissimilar	cheeks appear to differ in fullness - known appears to have more rounded and fuller cheeks
UGXDTR	Dissimilar	the known's cheeks appear more full than the known; there are several facial marks on the right cheek of the unknown that are not visible on the known
VGDWFB	Dissimilar	Cheekbone, cheek shape
WK96YB	Inconclusive	
X2TF24	Dissimilar	Zygomatic bones appear more prominent on K; right cheek appears fuller on K, may be due to expression
Z9L8L3	Dissimilar	Known's cheek bones are more prominent
ZCKK6L	Dissimilar	shape is somewhat similar, however the known's are smaller in surface area, but appear to be fuller, although the smiling expression could be attributed to the cheeks bulging appearance versus the flat appearance of the unknown's due to the more neutral expression displayed; unknown has two marks on the right cheek that are not visible on the known, however they could be transient marks

Features Observations Response Summary - Q10 Cheeks		Total Participants: 61
Response	Percent Reported	
Similar	13 (21.3%)	
Dissimilar	29 (47.5%)	
Inconclusive	15 (24.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	3 (4.9%)	

Image Set Q10: Table 4.10(i) - Nose

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns nose is more bulbous. Curvature of the nostrils appears to be dissimilar, more slanted on the known. Crease on the knowns left nostril, not found on the unknown. Left and right ala goes into the nostrils on the known, stops on the unknown. Columella is thicker on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The nose shape and size are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown has a straight nose with little to no definition around the tip and nostrils. Known base of nose is very defined with a round tip and small round nostrils on either side.
8BND4V	Dissimilar	nasal tip of Known(1) appears slightly more bulbous in shape; right/left alae of Known(1) appear slightly more lifted/thicker in shape than Unknown(2); Unknown(2) has several nose piercings
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	similar nasal root width but unknown has a more curved indentation, unknown appears to have more protrusion going down through body, nasal tip shape is different, ala shapes and their connections to the tip is different, nostril shapes different, known has distinct skin under nostrils coming from alae on both sides that is not visible on unknown
9WM27B	Dissimilar	width and length of nasal body appear dissimilar. the nasal base shape appears dissimilar. the alae of the known is much thicker than that of known. the shape and thickness of the columella is dissimilar. Nostril shape is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Nasal outline: shape, length, width, prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape, size; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Dissimilar	Nasal outline, Nasal root (bridge), Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose) Nasal base: nostrils (nasal openings)
A9BMPB	Dissimilar	Shape and size, nasal base
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known sub has rounder tip, different nostrils, shorter nose
BGVZPT	Dissimilar	Unknown has a thinner nose with numerous piecing, known has a rounded tip

Image Set Q10: Table 4.10(i) - Nose

WebCode	Observation	Feature Notes
BVKBTR	Inconclusive	nostrils on known seem more forward and go farther from the face. Known seems more bulbous. piercings could modify appearance. Could be lighting
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Dissimilar	nostrils, bridge, base differ
D3D3DQ	Dissimilar	Known's nose appears wider than the unknown's.
E2YXFT	Dissimilar	More bulbous on known image, possibly because of facial expression
E7JQ38	Similar	Similar nose length, tip shape and columella width.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Nasal root width is similar. Length of nose is similar. Unknown's nasal body appears more prominent (Note - contrast differences from shadows/highlight could be causing this perceived prominence dissimilarity). Known nasal base is broader (Note - smiling could be causing the ala to flare more). Ala appear thicker and rounded in Known, but appear flatter in Unknown. Nasal tip appears larger in the Known. Area of ala and columella attachment at the face appears dissimilar; there is extra tissue under the nostrils that isn't present in the Unknown.
FG99H7	Inconclusive	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has a more round nasal tip and thicker alae. Known has a wider nasal base.
HVURP4	Similar	Similar in width of the bridge of the nose and also the shallowness at the top of the bridge between the eyes/brows. The fullness/squareness of the tip of the nose and also the creases that on the nostril areas is similar. The thickness of the nasal base appears similar. Due to upturn of the unknown image, is difficult to see the nostril shape.
J4778Z	Dissimilar	the thickness between the nose and columella appear different
JEFCV2	Dissimilar	multiple alterations in unknown nose area, marks on known nose which do not appear in unknown, nasal tip and nostrils appear more rounded in known
KCVE8G	Dissimilar	The bridge of known's nose is wider than the bridge of unknown's nose. The tip of known's nose is round and slightly wider than unknown's more triangular shaped nose. Known's ala curve outward and unknown's ala are straight. There are a few alterations to unknown's ala and columella that do not appear on the nose of known. The unknown image appears to have small pieces of metal attached to the ala of each nostril, and on the columella in what presumably are piercings. The nasal base and nares are inconsistent in contour and shape between known and unknown images. The nasolabial folds are inconsistent in length, depth and direction/placement. Known's columella is wider than unknown's columella.
KRVGN	Similar	

Image Set Q10: Table 4.10(i) - Nose

WebCode	Observation	Feature Notes
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Lighting difference at capture. Unk has three alterations in both ala and septum of nose. K appears to have a lower nasal base that protrudes farther down than Unks. K appears to have two facial markings on nose that are not visible in Unk.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The nasal root appears to have a similar shaping/contour in both subjects. The nasal body appears to be less pronounced and wider on the known. The nasal tip appears to have a similar asymmetry but different sizing. The ala appears to attach lower on the known. The left nostrils appear to be more squared on the unknown.
QFUJLW	Dissimilar	Nasal body is not similar in thickness/shape. Nasal tip is not similar in size/shape/contour/thickness. Ala are not similar in shape/size/thickness. Nostrils are not similar in shape
QKRZZB	Dissimilar	The candidate appears to have a more bulbous nose compared to the probe. The formation of the alae appears to be different as well. The shape of the nasal base looks to be different between the probe and candidate. The probe appears to have a thinner nasal body compared to the candidate.
QT8L8U	Similar	Thickness of the nasal root, thickness and shape of the nasal body, shape of the nasal tip, thickness of the columella, thickness of the right alae, width of the nasal base appears similar.
QY9X6C	Dissimilar	Nasal root is wider in the known, length appears to be slightly longer in the unknown, ala is thicker in the known, the unknown has two nose piercings that are not visible in the known, the columella appears to be thicker in the known, nostril shape/size is dissimilar, tip comes more to a point in the known, nasal base appears wider in the known, nasolabial folds location/size/shape is dissimilar
RJB49C	Similar	Both known and unknown have a nose that narrows from bridge to tip and prominent columella
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown nasal base is much wider.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	nose of known appears to have more rounded features - unknown has multiple piercings - the manner at which the alae connect to the face appears to differ - nasolabial folds appear to differ which could be due to expression difference

Image Set Q10: Table 4.10(i) - Nose

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	the unknown's nasal root and bridge appears more pronounced and defined; the nasal tip shape appears different with the known's appearing more bulbous in shape; the nasal alae shape and attachment appears different, especially underneath the nostrils; the unknown has three nose piercings where the known has none
VGDWFB	Dissimilar	Nasal base (shape wings of nose)
WK96YB	Similar	
X2TF24	Dissimilar	Nasal root appears more narrow and protruded on U; nasal body appears wider in K, may be due to pose; nasal tip appears more rounded on K; left ala appears dissimilar in shape; where ala attaches to upper lip appears dissimilar, thicker in K; columella appears wider in K; piercings present on U, not visible on K
Z9L8L3	Dissimilar	Nostrils are wider in the known and also nasal tip is larger. Unknown has a thinner nose. Known's right nostril also appears to be slightly crooked
ZCKK6L	Dissimilar	overall shape is somewhat similar, however the known's appears to be larger and thicker, whereas the unknown's protrudes to a greater degree; nasal root width, nasal body width, length, and straight shape, and width of the nasal base is similar; known has a few very faint facial marks along the nasal body that aren't visible on the unknown, but this could be attributed to the makeup application; known's nasal tip is thicker and more bulbous, and the columella is wider and has a bracket-like shape, whereas the unknown's columella is more of a rounded "v" shape; the alae are somewhat similar in shape, however the known's are thicker and the attachment location is dissimilar, as the known's attach to the columella, whereas the unknown's are attached above the columella; asymmetry of the nostrils, with the left positioned higher than the right, is similar, however the known's are smaller due to the thickness of the skin between ala and columella and the shape is dissimilar; known has three piercings, one in each nostril and the septum; despite the expression difference being a potential cause for the prominence and shape differences in nasolabial folds, they are still dissimilar in length and proximity to the mouth, as the known's extend beyond the corners of the mouth, whereas the unknown's appear to end at the corners of the mouth and are closer in proximity

Features Observations Response Summary - Q10 Nose		Total Participants: 62
Response	Percent Reported	
Similar	11 (17.7%)	
Dissimilar	47 (75.8%)	
Inconclusive	3 (4.8%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q10: Table 4.10(j) - Ears

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the known.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The ears cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Ears are not visible on known due to hair. Earlobes only are visible on unknown due to hair.
8BND4V	Unable To Compare	unable to compare details of ears due to being cut off image of Known(1) or covered by hair of Known(1)/Unknown(2)
8FHAQ2	Not Applicable	ears are covered under hair for unknown and known one's ear is under black edge of picture
8T7EYX	Not Applicable	
9NAAFD	Unable To Compare	unable to see enough of the ears in either to compare
9WM27B	Unable To Compare	Obstructed/not used to compare.
A4GTRA	[Not Reported]	Not comparable: Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	covered by hair
BGVZPT	Unable To Compare	Blocked by hair
BVKBTR	Unable To Compare	Not vers visible on known, doesn't appear peirced but there is an apparant age gap.
BYKLNK	Unable To Compare	
CBAKDA	Inconclusive	
D2JEVW	Unable To Compare	

Image Set Q10: Table 4.10(j) - Ears

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Unable to compare due to hair covering ears in both images.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears not visible - occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Most of the ear area is covered with hair, or cropped out in the Known. The right lobe is available for comparison and appears similar. Lobe location on head is similar considering slight difference in pitch.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Unable To Compare	not visible. Unknown is wearing earrings
HVURP4	Unable To Compare	There is not enough ear showing to compare.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	obscured by hair or cut off (known image)
KCVE8G	Dissimilar	The ears of both known and unknown images are mostly covered by hair. A small portion of the lower earlobe is visible in both images and unknown earlobes have earrings while known's ears do not.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Unable To Compare	Not visible
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	covered by hair
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared
QT8L8U	Unable To Compare	Obstructed by hair.
QY9X6C	Dissimilar	Known's right ear is mostly covered by hair and the left ear is cut off due to image therefore the ears cannot be compared. The unknown has earrings and the little bit of the ear lobe that is visible in the known does not show an earring
RJB49C	Unable To Compare	Hair is covering right ears of both candidates. Left ear of known is not in frame.

Image Set Q10: Table 4.10(j) - Ears

WebCode	Observation	Feature Notes
RTFBMC	Unable To Compare	obstructed by hair or cutoff in picture
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67Nzd	Unable To Compare	
U8BE68	Not Applicable	
UGXDTR	Unable To Compare	unable to compare due to hair covering and image being cut off
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Ears are covered in known and therefore comparison cannot be conducted
ZCKK6L	Unable To Compare	due to hair coverage/ not being captured

Features Observations Response Summary - Q10 Ears		Total Participants: 62
Response	Percent Reported	
Similar	1 (1.6%)	
Dissimilar	2 (3.2%)	
Inconclusive	3 (4.8%)	
Unable to Compare	48 (77.4%)	
Not Applicable	8 (12.9%)	

Image Set Q10: Table 4.10(k) - Mouth

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	There is a difference in expressions, known is smiling showing teeth, unknown has a more neutral expression. Lips are thin on both subjects. Cupids bow prominent on the unknown, not found on the known, Philtrum prominent on the unknown, not found on the known. Marionette lines on the unknown, not found on the known. Mentolabial sulcus on the unknown, not found on the known. Tone of the knowns lips are more pinkish.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The fullness of the lip is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has an open smile exposing the top teeth and stretching the lips. A small stretched cupid's bow is present on the known. The upper lip appears thin than the bottom lip on the known. Unknown has a neutral expression. She has a pronounced small cupid's bow. Both upper and bottom lips appear to be the same fullness.
8BND4V	Dissimilar	Known(1) has mouth open and upper teeth visible in smiling expression while Unknown(2) has mouth closed in more neutral expression; philtrum appears more pronounced for Unknown(2)
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	known is smiling with mouth open and unknown has mouth closed, top lip shape appears different, the middle V at top of top lip is different, mouth end angles are different, bottom lip shape appears different
9WM27B	Dissimilar	upper and lower vermilion border is dissimilar. overall shape and size of lips is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Lip fissure: shape, degree of contact, angle Not comparable; Asymmetry; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Dissimilar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Inconclusive	
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk sub has fuller upper lip, smaller mouth

Image Set Q10: Table 4.10(k) - Mouth

WebCode	Observation	Feature Notes
BGZVPT	Dissimilar	Known appears to have a thinner mouth and lips
BVKBTR	Dissimilar	Mouth of unknown has well defined cupid's bow area and known doesn't maybe due to expression (smiling) bottom of known is not as defined as unknown, lines on unknown don't seem similar to known. position of lines on known next to nose to mouth seem differently curved.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Dissimilar	different sized lips
D3D3DQ	Dissimilar	Lips of known appear thinner but that could be due to expression.
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar lip fullness, lip shape and philtrum prominence.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Inconclusive	Different expressions, Known is smiling and Unknown is neutral. Known's upper lip is flatted and likely curled under ("gummy smile") making it appear thin. This is potentially consistent with the Unknown's upper lip, but Inconclusive. Lower lip is similar in shape and fullness. Philtrum is shorter and wider in Known, but could be due to the smiling. Unknown's mentolabial sulcus is closer under the lip than the Known's.
FG99H7	Inconclusive	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a fuller upper lip and a more defined cupid's bow
HVURP4	Inconclusive	Dissimilar possibly due to expression change. The width of the mouth appears similar but the upper lip on the known image appears thinner (likely due to expression change) while the unknown's is full. The bottom lips could be consistent, but again due to expression differences I am not able to determine with confidence.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	expression changes mouth area significantly, cupid's bow much thinner in known, nasolabial crease seems closer to lips in unknown than known
KCVE8G	Dissimilar	The known image has an open mouth smile exposing the upper teeth. The unknown image mouth is closed with a neutral expression. The upper and lower lips of the known and unknown image appear similar in fullness and length. The lower lip of the known image appears full and round while the lower lip of the unknown images appears to have a slight indentation. The unknown subject's philtrum is more defined than known. The cupid's bow is curved and pointed on the unknown image and is straight on known image
KRVVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	[Not Reported]	Difference in expression.

Image Set Q10: Table 4.10(k) - Mouth

WebCode	Observation	Feature Notes
MMPAFW	Unable To Compare	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The lips appear to have a dissimilar color and texture between the subjects. The cupid's bow appears to be more pronounced on the unknown. The lower lip appears to protrude less on the known however this could be due to the expression change. The teeth are not available for comparison on the unknown. The lips appear to be thinner on the known however this could be due to expression.
QFUJLW	Dissimilar	Vermillion border is not similar in shape/size. Lips are not similar in color/thickness/shape. Philtrum is not similar in size or shape.
QKRZZB	Dissimilar	There is a difference in expression between the probe and candidate..
QT8L8U	Similar	Thickness of the lip and bottom lips, upper and lower vermilion borders, tubercle of the upper lip, and fissure appear similar
QY9X6C	Dissimilar	Known is smiling with teeth showing, unknown is a neutral expression with mouth closed, marionette lines are dissimilar in shape/size, lips appear fuller in unknown, lip color is brighter in the known, the bottom lips sticks out more in the unknown but could be due to expression, cupid bow shape is dissimilar, tubercle of upper lip is more visible in the unknown, philtrum is more visible in the unknown but could be due to expression
RJB49C	Dissimilar	Known has a thinner upper lip with no dip in the middle. Lower lips are fairly consistent.
RTFBMC	Dissimilar	drastic difference in expression
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	mouth differs in expression - creases around the mouth appear to differ in prominence and location - relative lip thickness is difficult to compare due to expression
UGXDTR	Dissimilar	the known's mouth appears more wide than the unknown; the unknown's lips appear more full; the unknown's lower lip appears to protrude out more creating a more defined mental labial sulcus; the upper lip of the unknown has a more defined cupid's bow than the known, but this could be due to expression difference; there is a small, but prominent facial mark to the lateral side of the right side of the mouth on the unknown that is not visible in the known; the unknown appears to have more defined down and outward angled marionette lines compared to more curved facial lines/creases of the known
VGDWFB	Dissimilar	Overall shape
WK96YB	Similar	

Image Set Q10: Table 4.10(k) - Mouth

WebCode	Observation	Feature Notes
X2TF24	Dissimilar	Philtrum appears more defined in U; upper vermillion border appears more defined in U, may be due to expression; upper lip appears fuller in U; lower lip appears fuller in U; lower vermillion border appears more protruded in U; lip tone appears dissimilar, may be due to intentional alterations; mentolabial sulcus appears more defined and closer to lower lip in U
Z9L8L3	Dissimilar	Unknown has a distinct cupid's bow that is not seen in the known, but due to facial expression it could be less pronounced.
ZCKK6L	Dissimilar	shape is difficult to compare due to the expression difference; lip color is dissimilar, as the known's are a bright pink color, whereas the unknown's are more textured and a muted/ pale color; unknown's philtrum is narrower, longer, and deeper, however the known's could be shallower due to being stretched from the smile; known's upper lip is significantly thinner than the unknown's, however this could be attributed to the stretching of the lip due to the smiling expression; thickness of lower lip appears to be relatively similar; the unknown has a rounded mentolabial sulcus directly below the lower lip, whereas the known doesn't

Features Observations Response Summary - Q10 Mouth		Total Participants: 61
Response	Percent Reported	
Similar	7 (11.5%)	
Dissimilar	39 (63.9%)	
Inconclusive	10 (16.4%)	
Unable to Compare	4 (6.6%)	
Not Applicable	1 (1.6%)	

Image Set Q10: Table 4.10(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	Because of smile
2XLVQ2	Dissimilar	Unknowns chin is squared; knowns chin appears to be more rounded.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The shape of the jawline is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown chin juts out slightly. Unknown jaw line is square. Known chin juts out and down from the jawline. The jawline tends to curve out and up before turning up at the cheeks.
8BND4V	Dissimilar	Known(1) appears to have slightly sharper angle to curve of jawline, difference in expression
8FHAQ2	Similar	
8T7EYX	Inconclusive	because of smile
9NAAFD	Dissimilar	gonial angles appear different with known's jawline being much more rounded, known's chin is rounded with some unevenness in middle, unknown's chin is straight with an indentation in middle making an inverted V shape with the shadowing
9WM27B	Dissimilar	known has a longer thinner chin than that of unknown which is flat and wide.
A4GTRA	[Not Reported]	Dissimilarities include: Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Dissimilar	Chin
A9BMPB	Dissimilar	Narrower and shorter, asymmetries in inferior chin are opposite
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Similar	both have squarish chin
BGZVPT	Dissimilar	Known has a more angled jawline, unknown chin juts out more
BVKBTR	Dissimilar	Cheeks much fuller on known, jawline of known wider, chin seems to stick out more on unknown,
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Dissimilar	one more squared
D3D3DQ	Dissimilar	Known appears to have a longer chin than the unknown, but that could be due to position of the head being slightly different from the unknown.

Image Set Q10: Table 4.10(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Chin seems more prominent on unknown image, while chin on known image seems more square
E7JQ38	Dissimilar	Dissimilar gonial angle and chin shape and prominence.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	The distance between the lower lip and the bottom of the chin is shorter in the Unknown. Jawline and gonial angle appear dissimilar, but could be due to expression and pitch differences. Known's jawline has a higher gonial angle with more chin prominence. Unknown has a shallow lower gonial angle with a wide lower jawline and chin area.
FG99H7	Inconclusive	
GM7H34	Similar	
H7ZBPM	Dissimilar	Distance between the chin and the mouth in the unknown is shorter than the known. unknown has a more prominent chin. Unknown has a more square jawline.
HVURP4	Inconclusive	Chin and jawline appear similar in width in relation to the bottom lip. The known image has a slightly "left angle" to the chin while the unknown does not. Also, the known appears to have a line/crease/possible scar visible on the left underside of the chin that is not visible on the unknown image. There are markings visible on the unknown images chin that are not visible in the known image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	known chin flatter/goes down more than unknown (rounded up)
KCVE8G	Dissimilar	unknown's chin is flat on the bottom and the chin has greater prominence than known chin. Known's chin is narrower and more triangular, dissimilar to unknown's more squared chin. The unknown's mentolabial sulcus is deeper than known's more shallow mentolabial sulcus.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Difference in expression and capture angle.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The chin appears to be wider and more squared on the unknown. The gonial angle appears to be more feminine on the known.
QFUJLW	Dissimilar	Not similar in shape/size. Gonial angle is not similar in shape
QKRZZB	Dissimilar	The contour of the chin appears to be dissimilar between the probe and candidate. The probe looks to have a smaller chin compared to the candidate.

Image Set Q10: Table 4.10(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QT8L8U	Similar	Squareness of the chin, visible cleft chin, and shape of the right and left jawline appear similar.
QY9X6C	Dissimilar	Some of the left jawline of the known is cut off due to image, right jawline protrudes out further in the known, the jawline length appears to be shorter in the unknown, chin size/shape is dissimilar, the known is longer but could be due to expression, the unknown chin protrudes out further, the unknown shape is boxier and the known is rounder, left buccal crease is visible in the known but not the unknown, the known has a red mark near the lower left side of chin but is not visible in the unknown, mark near the right jawline/chin area of the unknown that is not visible in the known
RJB49C	Inconclusive	Chin of known does not appear as round as that of unknown. Jawline of known is more full than unknown, but this may be due to difference in expression.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known jawline is very slender and even with the neck compared to the unknown.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	chin of the known appears to be more prominent and pointed compared to the rounded chin of the unknown
UGXDTR	Dissimilar	the known appears to have a horizontal scar on the bottom of the chin that is not present on the unknown; the unknown's jawline appears more sharp in shape and prominence; the known's chin appears more bulbous in shape compared to the more squared shaped chin in the unknown; there is a facial mark on the right side of the chin that is not present in the known
VGDWFB	Dissimilar	Mental groove
WK96YB	Dissimilar	
X2TF24	Dissimilar	Chin appears larger and longer in distance from lower lip to bottom of chin in K, may be due to pitch change; shape of chin is dissimilar; jawline appears dissimilar, more defined on K
Z9L8L3	Dissimilar	Known has more of a square chin and unknown's is rounded. The smile lines are slightly different as well.
ZCKK6L	Dissimilar	shape of the right side of the jawline is dissimilar in length and shape, as the known's appears to be longer and has a rounded contour with a depression in the center, however this could be more evident due to the expression differences; width, height, and square-ish shape of the chin is somewhat similar, however the unknown's is more prominent and the right side is lower than the left whereas the known's left side is lower; the known also appears to have a small linear shaped, scar-like mark on the bottom right side of the chin, that is not visible on the unknown

Features Observations Response Summary - Q10 Chin/Jawline		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	9 (14.5%)	
Dissimilar	43 (69.4%)	
Inconclusive	9 (14.5%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q10: Table 4.10(m) - Neck

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Creases on the neck are dissimilar, more prominent on the known. The locations of the creases are also dissimilar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The wrinkles on the neck is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Only a small portion of the neck is visible on Known. A horizontal line is noted on known neck. Unknown has a long neck. One very faint horizontal line is noted on unknown neck. Potential acne is noted unknown neck
8BND4V	Dissimilar	prominent neck wrinkle present for Known(1) not visible/present for Unknown(2)
8FHAQ2	Unable To Compare	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	known has neck line in middle that is prominent that though unknown has neck line in a somewhat similar position it isnt of some prominence or curvature, unknown has marks on neck not seen on known
9WM27B	Dissimilar	some obstruction due to angle/cropping of known photo however neck lines and facial marks/moles on neck appear dissimilar. Unknown appears to have a longer neck than that of known.
A4GTRA	[Not Reported]	Dissimilarities include: Overall neck: width, height, details Not comparable;; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk has many marks on nect, different lines
BGZVPT	Unable To Compare	Not enough to compare
BVKBTR	Inconclusive	Such a little area to compare, the crease or line on known does not appear to be on unknown.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Lines on the known are not observed on the unknown. Marks on the unknown are not observed on the known.

Image Set Q10: Table 4.10(m) - Neck

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar neck soft tissue fullness.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Unable To Compare	Full neck is not visible in Known and hair is partially covering it. Unknown's neck is long and slender with thickness (or shadowing) under the chin.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Known has a crease through the center of the neck. Unknown has multiple freckles on neck.
HVURP4	Inconclusive	Possibly similar neck width but the known image's neck is partially covered. There could be a neck crease in a similar location on the neck, but due to quality/shadowing I am not able to determine with confidence. Also, the neck of the unknown image has markings while the known does not.
J4778Z	Dissimilar	lines and marks appear dissimilar
JEFCV2	Dissimilar	multiple marks on unknown that do not appear on known
KCVE8G	[Not Reported]	the neck of known and unknown appears similar in width. Unknown image has several marks/blemishes/scars/spots of discoloration scattered around the area of the neck that do not appear on the known image. Each image has a horizontal neck line on the left side of the neck that appears slightly deeper and more prominent on known image and not quite in the same location.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Unk has multiple facial markings and blemishes that are not visible in K. Neck line in K appears more pronounced and higher than Unks.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The unknown has some marks/scars on the neck that do not appear to be present on the known. There is a neck wrinkle on the known that does not appear to be in the same location on the unknown.
QFUJLW	Unable To Compare	Not similar in neck wrinkles. Facial markings on the unknown are not similar in size/shape/quantity.
QKRZZB	[Not Reported]	Neck wrinkles do not line up between the probe and candidate.
QT8L8U	Inconclusive	partially obstructed by hair in known. Unable to determine if horizontal line is in same location due to orientation of the head.

Image Set Q10: Table 4.10(m) - Neck

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	The known neck might be cut off due to image but from what is visible the unknown has a longer neck, the neck crease does not appear to be in the same spot, the known neck crease is deeper, the unknown has more neck creases, the unknown has marks throughout the neck where the known does not have any marks visible
RJB49C	Inconclusive	Neck of known candidate is only partially visible and neck of unknown is shadowed. Unable to compare creases, thought unknown has more dark spots visible than known.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	necks appear to differ in relative thickness compared to the face shape - multiple facial marks appear on unknown neck - creases appear on both but do not appear to be consistent
UGXDTR	Inconclusive	unable to fully compare due to image capture of known; the known has a prominent neck crease that does not appear present in the same location of the unknown; the unknown has various marks on the neck that are not present in the known
VGDWFB	Dissimilar	Height ,wrinkles, folds
WK96YB	Inconclusive	
X2TF24	Dissimilar	Neck creases on U and K, not similar in location/continuity; facial marks on neck of U, not present on K, may be transient
Z9L8L3	Dissimilar	Distinct neck crease in the known that is not present in the unknown. Unknown's neck appears longer
ZCKK6L	Dissimilar	length can't be compared due to the way the known image is cropped; width appears to be dissimilar, as the known's is narrower than the face, whereas the unknown's is relatively the same width; musculature is also dissimilar, as the known's appears to be thicker and more prominent; both have a neck crease that spans across the entirety of the neck, however their location on the neck is dissimilar, as the known's is located further up on the neck and the it is more prominent; the known has several marks scattered across the neck that are not present on the known, however they appear to be acne-like marks which are transient or could be due to an age difference

Features Observations Response Summary - Q10 Neck		Total Participants: 60
<u>Response</u>	<u>Percent Reported</u>	
Similar	4 (6.7%)	
Dissimilar	32 (53.3%)	
Inconclusive	15 (25.0%)	
Unable to Compare	8 (13.3%)	
Not Applicable	1 (1.7%)	

Image Set Q10: Table 4.10(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Dissimilar	Baby fine light hairs are noted chin and cheeks of unknown.
8BND4V	Not Applicable	
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable;; Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail;Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail ; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEW	Not Applicable	
D3D3DQ	Not Applicable	No facial hair observed.

Image Set Q10: Table 4.10(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	None noted in Known. Unknown has light downy hairs.
FG99H7	Not Applicable	
GM7H34	Similar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Dissimilar	Slight facial hair on the chin of the unknown that does not appear to be present on the known.
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Unknown appears to have peach fuzz throughout the face but the known appears to be smooth
RJB49C	Not Applicable	
RTFBMC	Not Applicable	low quality/resolution
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q10: Table 4.10(n) - Facial Hair

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Facial hair (peach fuzz) present on chin and right side of chin on U, not present on K, may be due to grooming
Z9L8L3	Not Applicable	None observed
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q10 Facial Hair			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	4 (6.6%)	
	Dissimilar	5 (8.2%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	50 (82.0%)	

Image Set Q10: Table 4.10(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Nasolabial folds are dissimilar, connect all the way on the known, stop at the upper lip on the unknown. Inferior palpebral creases are prominent on the known, not found on the unknown. Crease on the left side of the known's mouth, not found on the unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The shape of the nasolabial fold is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has an open mouth smile making lines around nose, mouth and chin more pronounced. However lines in these areas are not the same as the lines on unknown.
8BND4V	Dissimilar	right/left nasolabial folds of Known(1) appears to curve back slightly more than Unknown(2), then have a sharper angular curve toward lower end by corners of mouth
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	nasolabial line angles and curvatures are different, they also come down around mouth differently, known has lines coming up from each side of chin not seen on unknown
9WM27B	Dissimilar	Nasolabial folds appear dissimilar in placement of where they begin and end as well as depth, even considering difference in expression between photos.
A4GTRA	[Not Reported]	Dissimilarities include:; Superior palpebral crease - including bifurcation of the right eye crease; Inferior palpebral crease; Infraorbital crease; Nasolabial crease; Wrinkles on neck Not comparable; Frontal lines; Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Periorbital lines; Circumoral striae; Mentolabial sulcus; Marionette lines; Cleft chin; Buccal creases; Other creases
A8F4MA	Dissimilar	Left nasolabial crease/folds
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	marionette lines are different shaped
BGZVPT	Dissimilar	Already noted above
BVKBTR	Dissimilar	hard to tell due to expression differences. lines on lower mouth don't seem present on known that are on unknown. Again may be due to expression difference.

Image Set Q10: Table 4.10(o) - Facial Lines

WebCode	Observation	Feature Notes
BYKLNLR	Dissimilar	
CBAKDA	Unable To Compare	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Facial lines around the mouth appear different.
E2YXFT	Dissimilar	Lines on the neck do not match, lateral end of superior palpebral crease of the right eye on known image splits in two
E7JQ38	Dissimilar	Dissimilar palpebral crease prominence, nasolabial angle and neck crease.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Dissimilar	Dissimilar shape of superior palpebral crease. Dissimilar shape of inferior palpebral creases. Infraorbital creases not noted in Known, but present in Unknown (could be due to difference in age and tissue distribution in face). Nasolabial lines are presenting differently due to expression, they could be similar but inconclusive. Known has a deep neck crease; Unknown has a few neck creases but they are shallow and thin.
FG99H7	Unable To Compare	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has buccal creases. Unknown has a mentolabial sulcus
HVURP4	Inconclusive	Noted above/throughout.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	do not appear similar throughout images
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	Eyes, Neck
QCV8PW	Dissimilar	The known's nasolabial lines appear to be angled and further lateral than the unknown. The known appears to have a dimple that is not visible on the unknown. The unknown has marionette lines that are not visible on the known.
QFUJLW	Dissimilar	Nasolabial folds are not similar in shape/size/location. Buccal crease are not similar in shape/size/location.

Image Set Q10: Table 4.10(o) - Facial Lines

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	The nasolabial folds between the probe and candidate appears to be dissimilar in location. The candidate has deep inferior palpebral creases while the probe doesn't appear to have any. The superior palpebral crease also looks to be different between the two images.
QT8L8U	Similar	Start and line of the nasal labial folds, marionette lines, and mentolabial sulcus appear similar. The unknown appears to have marionette lines on both the right and left that cannot be seen in the known. Could be aging and lighting.
QY9X6C	Not Applicable	
RJB49C	Inconclusive	Unable to tell if facial lines correspond due to expression differences.
RTFBMC	Dissimilar	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZZ	Similar	
U8BE68	Dissimilar	mentioned in the eyes, nose, mouth and neck
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Dissimilar	buccal crease
WK96YB	Similar	
X2TF24	Dissimilar	Nasolabial folds appear dissimilar in shape and prominence/angle; marionette lines on U not visible on K, may be due to expression; crease on left side below lower lip on K, not present in U; others aforementioned
Z9L8L3	Dissimilar	Neck crease in known that is not seen in unknown. The nasolabial folds do not appear similar nor to the creases near the eyes.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q10 Facial Lines		Total Participants: 61
Response	Percent Reported	
Similar	10 (16.4%)	
Dissimilar	35 (57.4%)	
Inconclusive	8 (13.1%)	
Unable to Compare	3 (4.9%)	
Not Applicable	5 (8.2%)	

Image Set Q10: Table 4.10(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Not Applicable	
2XLVQ2	Dissimilar	Appears to be a scar on the bottom of the knowns chin, not found on the unknown.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Nil observed
A8F4MA	Not Applicable	
A9BMPB	Similar	No scars
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	It looks like there is a scar on the known's chin that is not observed on the unknown.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q10: Table 4.10(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Known has a linear scar on the bottom right edge of the chin. Unknown has numerous acne scars across chin and neck.
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Inconclusive	Noted above/throughout.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	potential scar (line) on known chin which does not appear in unknown
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Dissimilar	There appear to be scar/marks on the unknown's chin and neck that are not visible on the known.
QFUJLW	Not Applicable	
QKRZZB	Dissimilar	Scars or marks on the neck of the probe are not present on the candidate.
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	right side of chin-known
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZD	Not Applicable	
U8BE68	Not Applicable	

Image Set Q10: Table 4.10(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	None observed
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q10 Scars			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (5.0%)	
	Dissimilar	9 (15.0%)	
	Inconclusive	3 (5.0%)	
	Unable to Compare	2 (3.3%)	
	Not Applicable	43 (71.7%)	

Image Set Q10: Table 4.10(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Facial marks on the unknown's neck, none observed on the known. Marks on the left cheek and left side of the known's mouth, not found on the known.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Dissimilar	One of the individuals has noticeable moles and acne on the neck.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Facial marks, potential acne is noted on right cheek and neck of unknown. No facial marks are noted on known
8BND4V	Dissimilar	Unknown(2) has multiple facial marks present on neck and lower right cheek that do not appear present/visible for Known(1)
8FHAQ2	Dissimilar	unknown seem to have acne-spots on overall neck, health-related...temporary
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	marks discussed in above categories
9WM27B	Dissimilar	facial marks on right cheek and chin of unknown are not observed on known. additionally, several facial marks and moles observed on unknown's neck are not observed on known.
A4GTRA	[Not Reported]	Dissimilarities include: Facial mark on the right cheek of Q1 not observed in R1; Facial mark on the left side of the neck of Q1 not observed in R1 (possible obstruction)
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	many marks on unk sub face/neck not on known subject
BGVPT	Not Applicable	None noticed
BVKBTR	Dissimilar	Marks on unknown are not on known, however, possibly due to age. Acne not permanent.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Marks on the known's nose is not observed on the unknown. Marks on the right cheek of the unknown are not observed on the known.

Image Set Q10: Table 4.10(q) - Facial Marks

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Visible moles and dark spots on the face and neck of unknown image that are missing on known image
E7JQ38	Dissimilar	Unknown: Marks on right cheek and neck not visible in the Known.
E9D7GU	Dissimilar	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Unknown has three marks on the right lower cheek, one neck to the right side of the mouth inside of the nasolabial line, and one or two on the left side of the neck. Known has freckling across the nose, a mark on the left upper alar, and two marks on the left lower alar bordering the nostril.
FG99H7	Not Applicable	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Discussed above. Unknown also has a freckle on the right cheek near the jaw line.
HVURP4	Inconclusive	Noted above/throughout.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	do not appear similar throughout images
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Unable To Compare	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	There appear to be scar/marks on the unknown's chin and neck that are not visible on the known.
QFUJLW	Dissimilar	No facial markings are similar in location/size/shape/color
QKRZZB	Dissimilar	Facial marks on the probe are not visible on the candidate.
QT8L8U	Dissimilar	the unknown appears to have marks on both the right and left sides of the neck. Unsure if it is acne or moles. They are not seen on the know.
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has several facial marks while unknown has mostly smooth and blemish/mark free skin.

Image Set Q10: Table 4.10(q) - Facial Marks

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Not Applicable	
U8BE68	Dissimilar	mentioned in the neck
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Dissimilar	Freckles in neck
WK96YB	Not Applicable	
X2TF24	Dissimilar	Facial marks present on right cheek and right side of chin in U, not visible on K; facial marks on nose and left side of chin of K, not visible on U ;others aforementioned
Z9L8L3	Dissimilar	Unknown has facial marks on her neck that are not present in the known.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q10 Facial Marks		Total Participants: 61
Response	Percent Reported	
Similar	1 (1.6%)	
Dissimilar	42 (68.9%)	
Inconclusive	2 (3.3%)	
Unable to Compare	2 (3.3%)	
Not Applicable	14 (23.0%)	

Image Set Q10: Table 4.10(r) - Alterations

WebCode	Observation	Feature Notes
2EKB7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Different pose, lighting
2XLVQ2	Inconclusive	Unknown is wearing glasses, possibly makeup and have nose piercings.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	One of the individuals has a piercing on the face.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown wears glasses, has three piercings in her nose, has earrings, and has a necklace. Known has no alterations.
8BND4V	Dissimilar	died hair; Unknown(2) is wearing glasses and has numerous piercings on nose/ears
8FHAQ2	Dissimilar	piercings and eyeglass
8T7EYX	Dissimilar	different pose- lighting
9NAAFD	Not Applicable	no alterations of note
9WM27B	Dissimilar	Piercings observed in the nose (3) of the unknown are not observed in that of known.
A4GTRA	[Not Reported]	Piercing - nasal piercings in Q1 not observed in R1
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Piercing in nose and ears
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Dissimilar	Numerous piercing in nose of unknown
BVKBTR	Inconclusive	Piercing on unknown not on known ears, or nose.
BYKLNK	Not Applicable	
CBAKDA	Dissimilar	Nose piercing in unknown image
D2JEW	Not Applicable	
D3D3DQ	Dissimilar	Unknown has multiple piercings in ears and nose where the known does not.
E2YXFT	Dissimilar	Pierced ears and nose, plus glasses and makeup on unknown image
E7JQ38	Dissimilar	Unknown: Piercing nose x 3 not visible in the Known.

Image Set Q10: Table 4.10(r) - Alterations

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	[No observations reported for this feature.]	
EYNFWN	[Not Reported]	Unknown is wearing glasses, makeup, and nasal jewelry.
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	unknown has several nose piercings
HVURP4	Dissimilar	Glasses on the unknown image and not on the known.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	unknown wearing glasses, earrings, various jewelry, both images appear to have hair dye
KCVE8G	Dissimilar	mentioned above. Unknow subject nose and ear piercings.
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Inconclusive	
MX9NJY	Unable To Compare	
NPD6JF	Dissimilar	
PT369V	[Not Reported]	facial expression
QCV8PW	Dissimilar	Glasses and jewelry on the unknown.
QFUJLW	Not Applicable	
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Dissimilar	Unknown has several alterations of the nose in the form of piercings that the known do doesn't have.
QY9X6C	Dissimilar	Unknown is wearing glasses and has two piercings in the nose, the unknown also may have some makeup on, known appears to have added some color to hair
RJB49C	Not Applicable	
RTFBMC	Dissimilar	ear and nose piercings and possible make-up noted in unknown
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	

Image Set Q10: Table 4.10(r) - Alterations

WebCode	Observation	Feature Notes
U8BE68	Dissimilar	multiple piercings seen on unknown and corrective lenses
UGXDTR	Dissimilar	unknown is wearing glasses
VGDWFB	Dissimilar	Piercing (nose)
WK96YB	Dissimilar	
X2TF24	Dissimilar	U appears to be wearing makeup, K appears to not be wearing any; piercings mentioned in nose section
Z9L8L3	Dissimilar	Multiple piercings in unknown that are not present in known.
ZCKK6L	Dissimilar	unknown is wearing glasses, has ear and nose piercings, and appears to be wearing makeup

Features Observations Response Summary - Q10 Alterations			Total Participants: 55
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.8%)	
	Dissimilar	36 (65.5%)	
	Inconclusive	3 (5.5%)	
	Unable to Compare	1 (1.8%)	
	Not Applicable	14 (25.5%)	

Image Set Q10: Table 4.10(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison Limitations		Examination limitations: The images displayed a number of limiting factors including, but not limited to, age, facial expression, pose, lighting and image quality conditions. These limited the comparison and the observations that were able to be made
E7JQ38	Limitations	NotApplicable	Perspective distortion, expression, make-up and occlusion (glasses, hair and image crop).
EYNFWN	Age		Known is younger than Unknown
PT369V	glasses	Dissimilar	
QY9X6C	Overall Image Quality		Quality of both images are good, lighting is darker in the unknown, known is closer to the camera
EYNFWN	Expression		Known is smiling, Unknown is neutral
EYNFWN	Head position		Known has left roll, right yaw, and slightly downward pitch. Unknown has slightly upward pitch compared to Known and neutral roll/yaw.
EYNFWN	Image quality		Known image is good quality, but part of the left side of the face is cropped. Lighting in Unknown image is creating shadows and highlights. . Unknown image is slightly lower quality in terms of resolution.

Detailed Feature Observations

TABLE 4 - Image Set Q11

Image Set Q11: Table 4.11(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin is similar. Skin is smooth on known and unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Inconclusive	The skin's texture on the forehead is similar but since some area is covered by a mask a conclusion cannot be made.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects are white females with slight red tones
8BND4V	Similar	both appear to have similar skin tone/texture, slightly more reddish tone to Unknown(2) which can be due to lighting
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have similar tone and texture, similar luminance on forehead
9WM27B	Similar	skin texture and tone appears similar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar color and texture
BGZVPT	Similar	Similar in complexion and color
BVKBTR	Similar	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar.
E2YXFT	Similar	Similar texture and tone

Image Set Q11: Table 4.11(a) - Skin

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar skin tone and texture.
E9D7GU	Similar	
E9YHHN	Inconclusive	
EYNFWN	Similar	similar tone and texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar texture and tone.
HVURP4	Similar	Consistent coloration and texture.
J4778Z	Similar	
JEFCV2	Similar	similar coloring, texture
KCVE8G	Similar	KNOWN AND UNKNOWN: consistent in warm, medium color skin tone. Smooth texture to the skin.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	both have light skin with light texture.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to have a similar light skin tone with red hues. There appears to be a similar texture on both subjects.
QFUJLW	Similar	Similar in Light color
QKRZZB	Similar	Skin tones of the probe and candidate are similar.
QT8L8U	Similar	texture and coloring of the skin appear similar
QY9X6C	Similar	Tone appears to be lighter in the known due to lighting, texture is similar
RJB49C	Similar	Skin is consistent between candidates in contour and texture. Color is only slightly different, likely due to lighting.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	

Image Set Q11: Table 4.11(a) - Skin

WebCode	Observation	Feature Notes
U67Nzd	Similar	
U8BE68	Similar	skin tone and texture appear to be consistent between subjects
UGXDTR	Similar	similar skin tone and texture
VGDWFB	Similar	Luminance and color
WK96YB	Similar	
X2TF24	Similar	Skin appears similar in texture/tone/luminance
Z9L8L3	Similar	Both are caucasian females
ZCKK6L	Similar	uneven texture in forehead region and medium tanned complexion is similar

Features Observations Response Summary - Q11 Skin			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	56 (91.8%)	
	Dissimilar	2 (3.3%)	
	Inconclusive	2 (3.3%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	1 (1.6%)	

Image Set Q11: Table 4.11(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Unable To Compare	Unable to compare, unknown is wearing a facial mask.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Inconclusive	The contour of the forehead is similar but since some area is covered by a mask, a conclusion cannot be made.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Unknown is wearing a mask covering the lower portion of her face. The upper portion of the head that is visible has the same shape.
8BND4V	[Not Reported]	unable to compare much of face/head outline due to difference in angle and due to face mask of Unknown(2)
8FHQAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have similar head shapes in the top half, unknown has mask obscuring lower half of head
9WM27B	Similar	overall head outline appears similar. unable to compare face outline Unable to compare due to obstruction of mask.
A4GTRA	[Not Reported]	Not comparable: Shape of the cranial vault; Overall shape of the face
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	long/oval
BGZVPT	Similar	Of what can be seen it appears similar.
BVKBTR	Inconclusive	much covered by mask on unknown
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Only top part of unknown's face is visible due to a mask, but the outline at the top appears similar.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar shape of the cranial vault.

Image Set Q11: Table 4.11(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	similar rounded cranial vault; differences in yaw and Unknown's face covering prevent a proper comparison
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar cranial vaults. Hard to compare shape of face due to unknown wearing a mask
HVURP4	Similar	Consistent face and head outline...Oval in shape thru the under eyes to the forehead and hairline.
J4778Z	Unable To Compare	
JEFCV2	Similar	what is available appears similar
KCVE8G	Similar	Known is a frontal image with right and left side facial features equally visible. The unknown's head is turned slightly to the left, exposing more of the right side of the face. Known and unknown have consistent contour, shape, size, weight and placement of visible facial features. Known and unknown appear to be close in age.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The face/head outline (where visible) appears to be rounded on the upper two thirds of both subjects. The lower portion of the unknown is not able to be compared more thoroughly due to the face mask.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Full face outline cannot be compared due to the face mask worn by the probe.
QT8L8U	Inconclusive	Head obstructed by hair. Face partially obstructed by mask
QY9X6C	Similar	The upper half of the face/head is similar in being rounded – the lower half cannot be compared due to mask on the unknown, width of upper half is similar
RJB49C	Inconclusive	Face of each is similar in width. Length cannot be compared due to mask on unknown.
RTFBMC	Similar	exam limited to upper portion due to mask in unknown
T9A37R	Similar	

Image Set Q11: Table 4.11(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TLDKJC	Unable To Compare	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	general shape of the upper portion of the face appears to be similar
UGXDTR	Similar	similar overall facial shape with what is visible; cranial vault shape appears similar
VGDWFB	Inconclusive	Overall shape of face
WK96YB	Similar	
X2TF24	Inconclusive	Superior portion of face outline appears similar; inferior part of face obstructed by mask in U; shape of cranial vault appears may be similar
Z9L8L3	Inconclusive	The top half is similar. The bottom half is obscured by a mask in the unknown so a comparison is difficult.
ZCKK6L	Unable To Compare	lower portion of unknown's face is obstructed by facial mask and therefore the true shape of the face can't be compared, however the dome-like shape of the upper portion is similar

Features Observations Response Summary - Q11 Face/Head Outline		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	36 (59.0%)	
Dissimilar	1 (1.6%)	
Inconclusive	10 (16.4%)	
Unable to Compare	12 (19.7%)	
Not Applicable	2 (3.3%)	

Image Set Q11: Table 4.11(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Distance between the eyes appears to be similar.
3UFTE6	Inconclusive	
44J8XH	Not Applicable	
474EX6	Inconclusive	The upper area of the face's composition is similar but since it is covered by a mask, a conclusion cannot be made.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Eyes are spaced evenly on both subjects.
8BND4V	Similar	position of upper right ear relative to eyes appears similar, difference in angle of face/head; unable to compare much of face/head composition due to Unknown(2) wearing mask
8FHAQ2	Unable To Compare	that unknown is wearing a mask and angle of photo restricts comparison
8T7EYX	Inconclusive	
9NAAFD	Inconclusive	eyes and right ear are in similar positions relative to one another in know and unknown
9WM27B	Unable To Compare	unable to compare due to obstruction of mask.
A4GTRA	[Not Reported]	Not comparable: Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth; Eye position relative to face length
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	forehead same length to eyebrows and eyes and ears
BGVPT	Inconclusive	Unknown has head at an angle
BVKBTR	Inconclusive	mask covers much.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Not Applicable	
D3D3DQ	Similar	Composition, from what is visible, is similar.

Image Set Q11: Table 4.11(c) - Face/Head Composition

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Inconclusive	Subject pose and occlusion in the Unknown limit the face/head composition assessment.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	upper face has similar feature spacing and placement; mid to lower face unable to be compared
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	visible facial features are in the same spatial relationship on the face
HVURP4	Similar	The face/head composition appears to have the features located in the same location.
J4778Z	Similar	
JEFCV2	Similar	what is available appears similar
KCVE8G	Similar	KNOWN AND UNKNOWN: Features are consistent in placement on the face.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Dissimilar	
QCV8PW	Similar	The vertical alignment of the eyes and right ear appear to be similar on both subjects. The eyes have a similar asymmetric horizontal alignment on both subjects. The rest of the features are not able to be compared due to the face mask.
QFUJLW	Similar	Eyes are placed on the face in a similar location in relation to the hairline. Eyebrows are in a similar location between the eyes and hairline.
QKRZZB	[Not Reported]	The distance from the eyebrows to the eyes appears to be similar between the probe and candidate. The intercanthal distance of the eyes appears to be similar between the two images.
QT8L8U	Inconclusive	Head obstructed by hair. Face partially obstructed by mask
QY9X6C	Dissimilar	Distance between eyes is similar, can't tell about distance from eyes to mouth due to mask in the unknown
RJB49C	Similar	Both are symmetric, each having wide-set eyes.
RTFBMC	Unable To Compare	exam limited to upper portion due to mask in unknown

Image Set Q11: Table 4.11(c) - Face/Head Composition

WebCode	Observation	Feature Notes
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZD	Inconclusive	
U8BE68	Similar	most of the face of the unknown is covered - visible portions are similar in composition
UGXDTR	Similar	with what features are visible the relative proportion of the facial features to one another appears similar
VGDWFB	Unable To Compare	
WK96YB	Inconclusive	
X2TF24	Similar	Eyes appear similarly placed on face; ear position relative to eyes appear similar
Z9L8L3	Inconclusive	The top half is similar. The bottom half is obscured by a mask in the unknown so a comparison is difficult.
ZCKK6L	Similar	configuration, alignment, and size of the eyes, brows, and ears are consistent with respect to each other and their location on the face; the distance from the corner of the right eye to the hairline appears to be dissimilar, but this is due to the angle difference

Features Observations Response Summary - Q11 Face/Head Composition			Total Participants: 59
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	27 (45.8%)	
	Dissimilar	4 (6.8%)	
	Inconclusive	17 (28.8%)	
	Unable to Compare	7 (11.9%)	
	Not Applicable	4 (6.8%)	

Image Set Q11: Table 4.11(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Style of the hair is different, knowns is pulled back and unknowns is down. Tone of the hair is somewhat similar; unknown has some greying along the hairline. Curvature of the hairline is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The hair texture and color are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Inconclusive	Both subjects have brown hair. Known hair is pulled back. Unknown hair is long, straight, and parted in the middle.
8BND4V	Similar	Known(1) has hair pulled back while Unknown(2) has hair down; similar hair color/texture, difference in tone can be due to difference in lighting; what is visible of right hairline appears to follow similar shape
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar texture and tone similar frontal hairline despite different hair styles as known has hair back and unknown has hair down and parted in middle
9WM27B	Similar	Hair color, texture, style, length appears similar. Hairline appears similar in the front and on the sides.
A4GTRA	[Not Reported]	Similarities include: Hair: texture, symmetry, density, tonality; Forehead hairline: shape; Hairline right side: shape Dissimilarities include: Hair: shape/spatial distribution, texture, symmetry, density, tonality Not comparable: Hairline left side: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Similar	Forehead hairline, Hairline right side
A9BMPB	Inconclusive	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar color, hairline
BGVZPT	Similar	Hair styles are different but the texture and color are similar
BVKBTR	Similar	similar color, similar hair line, pulled back vs loose.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q11: Table 4.11(d) - Hair

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Hair and texture appears similar.
E2YXFT	Similar	Similar texture
E7JQ38	Similar	Similar hair texture, color and right side hairline.
E9D7GU	Similar	
E9YHHN	Inconclusive	
EYNFWN	Similar	different hair styles; hair color, density, and texture are similar. Right and top hairline is similar
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar color and texture. Similar forehead hairlines.
HVURP4	Similar	Hair color and texture appears similar. Also the center part appears consistent in both images.
J4778Z	Unable To Compare	color appears mostly similar of what can be seen
JEFCV2	Similar	similar hair color with lighter strands throughout, different hairstyles and part
KCVE8G	Similar	KNOWN AND UNKNOWN: hair is similar in long length, texture, dark color and smoothness. Known's hair is pulled straight back away from the face and unknown's hair is down, parted in the center of the head and rests flat along the sides of the head, down past the shoulders.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	similar dark hair with smooth texture.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The hair appears to a combination of light/dark on both subjects. The texture is likely similar however the change in hairstyle of the known is covering most of the hair. The hairline appears to be similar with a notch in the middle of the top and a relatively flat/angle of the right temple peak. The left side is not able to be compared due to angle/hairstyle.
QFUJLW	Similar	Similar in dark color/texture. Hairline is similar in shape
QKRZZB	Similar	Hair color and texture appears to be similar between the probe and candidate.
QT8L8U	Similar	Right side of the hairline appears similar. Texture also appears similar

Image Set Q11: Table 4.11(d) - Hair

WebCode	Observation	Feature Notes
QY9X6C	Similar	Known has hair pulled back, unknown has hair down, the upper half of the hair is dark and similar in the unknown to the known, hairline around the right side appears to be similar, the unknown has a part where the known does not due to hairstyle difference
RJB49C	Similar	Hair is consistent between the two, including color and hairline.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	hair appears similar in color and texture - hairline appears to be consistent
UGXDTR	Similar	similar brown hair color; known appears to have hair pulled back where unknown's hair appears to be down with a more center part; hairline growth pattern appears similar
VGDWFB	Similar	Forehead hairline ,Hairline side,color,
WK96YB	Similar	
X2TF24	Similar	Right side hairline and top hairline appear similar in shape; variation in color appears similar; darkness in hair color appears similar; style appears dissimilar; texture appears similar and fine details of stray hairs
Z9L8L3	Similar	Both have brown hair, similar hairline and texture/appearance. Known's is pulled back so a further comparison is difficult.
ZCKK6L	Similar	right side hairline and hairline along the forehead appears to be similar, despite the style differences; smooth texture, straightness, and dark color along the roots is similar; the unknown has two small gray patches along the right side of the hairline that aren't visible on the known, but this can be attributed to hairstyle, grooming, or age differences

Features Observations Response Summary - Q11 Hair			Total Participants: 62
	Response	Percent Reported	
	Similar	54 (87.1%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	4 (6.5%)	
	Unable to Compare	1 (1.6%)	
	Not Applicable	2 (3.2%)	

Image Set Q11: Table 4.11(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	The forehead protrudes in a similar way. Shape of the forehead is similar.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Similar	The forehead shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Forehead size is similar on both subjects. Horizontal lines on forehead similar on both subjects.
8BND4V	Similar	difference in angle, relative height of forehead appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size and shape, similar frontal lines in positions and curvatures, similar contouring in middle and above brow ridges
9WM27B	Similar	Forehead is similar in shape, width, height, and slope.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Similar	Forehead shape, Brow ridges
A9BMPB	Inconclusive	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar distance to eyebrows
BGVPT	Similar	Similar in size and shape and the forehead lines are consistent
BVKBTR	Similar	looks similar, similar forehead lines and marks.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Size and shape appears similar. Lines on forehead appear similar.
E2YXFT	Similar	Similar brow ridges
E7JQ38	Similar	Similar forehead general shape.

Image Set Q11: Table 4.11(e) - Forehead

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar height and shape, similar contours (vertical depression through center of forehead), similar brow ridge prominence
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar forehead creases and brow prominence
HVURP4	Similar	The forehead width and rectangular shape appears consistent. The frontal creases are consistent in location and length.
J4778Z	Similar	frontal lines appear consistent. Size and shape consistent also.
JEFCV2	Similar	multiple creases similar in location, relationship, curvature
KCVE8G	Similar	KNOWN AND UNKNOWN: have four visible forehead creases, starting on the right side of the forehead extending toward the center, that are consistent in length, shape, size and placement.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	both have rounded foreheads with several front lines in similar positions, both have a slight brow ridge protrusion.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The forehead appears to have a similar size and indentation in the middle which is made more prominent by the brow ridge.
QFUJLW	Similar	Similar in size/shape/width/length. Frontal lines are similar in quantity/location/shape/size.
QKRZZB	Similar	The contour of the forehead appears to be similar between the probe and candidate. The length and width of the forehead looks to be similar between the two.
QT8L8U	Similar	Height of the forehead and protrusion of the brow appears similar. Width is not fully visible due to angle of the face
QY9X6C	Similar	Height of forehead is similar, width of forehead is similar, frontal lines are similar in location/size/shape, lower half of known forehead appears to be redder due to lighting, frontal lines appear deeper in the unknown but could be due to lighting/angle/expression
RJB49C	Similar	The foreheads are consistent in shape and distance from hairline to eyebrows, including visible creases.
RTFBMC	Similar	
T9A37R	Similar	

Image Set Q11: Table 4.11(e) - Forehead

WebCode	Observation	Feature Notes
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	forehead appears to be similar in shape and size - frontal lines appear to be similar in location and size
UGXDTR	Similar	similar forehead length; similar frontal lines in number, size, shape and prominence; similar brow ridge prominence
VGDWFB	Similar	Relative height, Relative width
WK96YB	Similar	
X2TF24	Similar	Forehead appears similar in relative height/width/slope; forehead appears to have similar frontal lines in location/prominence/quantity; brow ridges appear similar in prominence
Z9L8L3	Similar	Forehead creases are similar in length and shape in both the known and unknown
ZCKK6L	Similar	curved contour and musculature is similar; the depression in the center of the forehead and the prominence of the brow ridge is similar; the frontal lines are consistent in location, quantity, shape, and length, however the unknown's are more defined, but this could be attributed to how the lighting is hitting the face at an angle

Features Observations Response Summary - Q11 Forehead			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	58 (93.5%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	2 (3.2%)	
	Not Applicable	0 (0.0%)	

Image Set Q11: Table 4.11(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Thickness of the eyebrows are similar. Similar growth pattern, continuous growth on both subjects. Brows have a similar arch. The tail of the right brow is found in similar locations. Distance from the brows to the eyes is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The eyebrow shape and the position of the wart beside the eyebrow is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Eyebrows are dark on both subjects. Right eyebrow has same shape/ arch on outer portion on both subjects.
8BND4V	Similar	visible shape/thickness/curve of left eyebrow similar; similar shape/curve/thickness/size of right eyebrow
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size, shape, curvatures, similar position above eyes, similar starting points at medial ends, similar thicknesses
9WM27B	Similar	Color, Grooming, Growth Pattern, Density and distribution are similar.
A4GTRA	[Not Reported]	Similarities include: Shape; Size; Position (visible portions only); Density of hair; Hair details; Asymmetry - left eyebrow arches up more than the right in both images Not comparable: Conjoined
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar shape, length
BGZVPT	Similar	Similar in size, shape, and thickness
BVKBTR	Similar	Similar shape on both, left wide area between eye and bottom of eyebrow consistent
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Eyebrow shape, color, and thickness appears similar.

Image Set Q11: Table 4.11(f) - Eyebrows

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar shape and density
E7JQ38	Similar	Similar eyebrow shape, peak, medial endpoint and distance to upper lid.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar groomed shape, distance from eye, hair density, and arch shape
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar shape and thickness. Both have a raised bump near the nasal root of the left eyebrow
HVURP4	Similar	Similar in shape and hair growth pattern. The width from brow to brow appears similar. There is a similar bump on the left brow outer area that is consistent.
J4778Z	Similar	appear consistent in size and shape and color
JEFCV2	Similar	mark in medial area similar in both images in location, size. eyebrows similar in color, shape
KCVE8G	Similar	KNOWN AND UNKNOWN: eyebrows are consistent in placement, width and shape. Both unknown and known have similarly thin, medium brown colored eyebrows that also appear consistent in length from the inner corner to the tail/end near the lateral canthus and shape across the brow ridge. At the beginning of the left eyebrow in each known and unknown image there is a consistent small round area that is lighter in color in relation to the rest of the skin.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have similarly groomed, arched, dark brows with thicker medial sides. Both have a raised circular mole at medial edge of L brow.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The visible portions of the eyebrows appear to have similar tone, texture, contour, and asymmetric placement. The arc of the brows appears to have a similar apex, and the medial portions of each brow appear to line up with the medial canthi
QFUJLW	Similar	Similar in shape/size/contour/color. There is a bump located at the inner corner of the left eyebrow. Similar in size/color/location
QKRZZB	Similar	The growth pattern of the eyebrows on the probe and candidate appears to be similar. As well as the thickness of the eyebrows appears to be consistent between the two images.
QT8L8U	Similar	Distance between inner corners, density, grooming, growth pattern, and bump on inner corner of left eyebrow appears similar.

Image Set Q11: Table 4.11(f) - Eyebrows

WebCode	Observation	Feature Notes
QY9X6C	Similar	Color of eyebrows is similar, distance apart is similar, mark near the left eyebrow is similar, vertical glabellar lines are similar in location, shape of eyebrows is similar, thickness is similar, distance from eyes is similar, distance from lateral canthus is similar
RJB49C	Similar	Eyebrows are very similar in style, thickness and color.
RTFBMC	Similar	
T9A37R	Similar	Known and unknown have similar eyebrow shape as well as eyebrow texture.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	brows appear to be consistent in shape and size and color
UGXDTR	Inconclusive	unable to fully compare due to image capture and pose of the unknown; similar shape and contour; similar color; similar irregular growth pattern on the upper portion of the right eyebrows; similar facial mark in shape and prominence at the medial end of the left eyebrow
VGDWFB	Similar	Shape, size
WK96YB	Similar	
X2TF24	Similar	Eyebrows appear similar in color/shape/angle/thickness/width apart; similar facial mark on inside of left eyebrow in size/shape/color; similar location of where left and right eyebrow begin in relation to the eye; similar placement to end laterally
Z9L8L3	Inconclusive	Eyebrows are both brown and have the same shape. Similar growth and style.
ZCKK6L	Similar	dark color, length, curved shape, thinness, and growth distribution/pattern is consistent; the known's appear to curve more at the lateral ends, but this could be due to the angle differences; great distance between the medial ends, the shape of the medial ends, and distance above the eyes is consistent; there is a small, skin-toned colored, raised, and round facial mark at the end of the medial end of the left brow that is similar on both the known and unknown

Features Observations Response Summary - Q11 Eyebrows			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	59 (95.2%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	2 (3.2%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	0 (0.0%)	

Image Set Q11: Table 4.11(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	[Not Reported]	Shape of the eyes are similar. Right fissure has a similar curvature. Right medial canthus has a similar shape. Prominence of the upper eyelid is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The eye size and shape are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Eyes appear to be same shape on both subjects. Same amount of eyelids are visible on both subjects
8BND4V	Similar	right superior palpebral crease similar in curve; shape/size/angle of right medial canthus similar; what is visible of left canthus appears to have similar angle; what is visible to start of curve of medial end of left superior palpebral crease appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar sizes and shapes, similar medial canthus shapes, similar eyelid shapes and sizes, similar under eye lines in position and curvatures
9WM27B	Similar	eye color, presence of scalars, eye fissure are similar. hooded left eyelid is similar. shape and slope of right medial canthus is similar. density and distribution and length of upper eye lashes are similar.
A4GTRA	[Not Reported]	Similarities include: Inter-canthal distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Medial canthus: shape, angle; Lateral canthus: shape, angle Dissimilarities include: Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening Not comparable: Interpupillary distance; Lash characteristics; Eyeball prominence; Irregularity of iris; Medial canthus: caruncle; Asymmetry
A8F4MA	Similar	Inter-canthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, right and left eyeball prominence, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar color brown, inner corner, bottom eyelid
BGVPT	Similar	Both sets are oval shaped and the same color

Image Set Q11: Table 4.11(g) - Eyes

WebCode	Observation	Feature Notes
BVKBTR	Similar	similar sockets, similar white area, similar eyelid creases, same eye color
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Eye shape and color appear similar.
E2YXFT	Similar	Colour, overall eye shape and fissure are similar
E7JQ38	Similar	Similar right upper lid shape, right medial canthus, right and left lower lid shape, eyelash visibility and iris tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar hooded wide shape, similar elongated shape of right medial canthus, similar narrow amount of eyelid visible, similar orbital cavity shape and size
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar iris color. Both have elongated right medial canthus and a rounded right lateral cathus.
HVURP4	Similar	Consistent shape with almond shape and the small/thin crease is consistent. The canthus pointiness and slight downward point is consistent.
J4778Z	Similar	the medial and lateral canthus appear consistent. Color, shape, and distance between
JEFCV2	Similar	similar color, similar curve under eye, similar crease in upper eyelid
KCVE8G	Similar	KNOWN AND UNKNOWN: eye's are open and have a happy expression with cheeks slightly raised. Similar large, round shape. Both probe and candidate's eyes are consistent in size, placement and medium to dark brown color. Consistent contour of superior palpebral crease. The inferior palpebral crease, medial canthus, lateral canthus and upper eyelid. tissue under the eyes has consistent contour and fullness. The lateral orbital lines and inferior orbital grooves are identical in length, shape, amount, and fullness. The left and right lower eyelid creases are consistent in length, shape and placement.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have large dark eyes with flatter lower eye lids at the fissure and pointed medial canthi with deep superior palpebral creases.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	

Image Set Q11: Table 4.11(g) - Eyes

WebCode	Observation	Feature Notes
PT369V	Similar	
QCV8PW	Similar	Both eyes appear to have angled medial canthi with a similar distance between them. The known appears to have a higher lateral canthus on the right eye however this could be due changes in pose or imaging conditions.
QFUJLW	Similar	Similar in shape/contour. Medial/lateral canthus is similar in shape. Inferior and superior palpebral creases are similar in location/shape.
QKRZZB	Similar	The shape of the medial canthus on the left and right eyes appear to be similar between the probe and candidate. The shape of the lateral canthus in both left and right eyes also appear to be similar in shape. The overall shape of the eyes appears to be consistent.
QT8L8U	Similar	Right eye fissure, right medial canthus, right lateral canthus, right superior palpebral crease start and line appear similar
QY9X6C	Similar	Left inferior palpebral crease is similar in location/size/shape, the right inferior palpebral crease is not visible in the known, the infraorbital crease is similar in location, the known is looking to the right making the sclera appear different in size, both have brown eyes, eyelid size is similar, medial canthus slants downwards in both similarly
RJB49C	Similar	Both have wide-set eyes of similar color and shape. Folds over upper lids are consistent.
RTFBMC	Similar	
T9A37R	Similar	Known and unknown have similar reveal of upper eyelid and medial canthus.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	eyes appear to be consistent in shape and size - creases around the eyes appear to be consistent - angle of the medial canthuses appear to be similar between subjects
UGXDTR	Similar	similar overall size and shape of the eyes; similar brown eye color; similar shaped and prominent medial canthi; similar shaped and prominent superior palpebral creases; similar inferior palpebral creases in shape and prominence
VGDWFB	Similar	Eyes fissure opening (shape, angle) medial canthus (shape, angle)
WK96YB	Similar	
X2TF24	Similar	Size and shape of eyes appear similar; intercanthal distance appears similar, interpupillary distance appears similar; periorbital eyelid area appears similar in size on l/r eyes; similar shape and prominence of superior palpebral creases; similar size of l/r iris; more sclera visible on inferior part of right eye in U and lateral part of left eye in U, may be due to expression/pose; inferior palpebral creases appear similar in prominence/shape; shape of r/l medial canthi appear similar; eyeball prominence appears similar; eyelashes appear similar in length; iris color appears similar
Z9L8L3	Similar	Both have brown eyes. Slightly hooded eyes with minimal eyelid showing, but similar in both. The medial canthus on the right eye is similar in both as well.

Image Set Q11: Table 4.11(g) - Eyes

WebCode	Observation	Feature Notes
ZCKK6L	Similar	approx. intercanthal distance and extreme degree of hoodedness is consistent; thickness of the upper and lower eyelids is similar; shape of the superior palpebral creases and curvature of the inferior palpebral creases are similar; shape, size, and prominence of the eyes is similar; dark color of the irises, medial canthi shape, and amount of caruncle visible is consistent

Features Observations Response Summary - Q11 Eyes		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	59 (96.7%)
	Dissimilar	1 (1.6%)
	Inconclusive	0 (0.0%)
	Unable to Compare	1 (1.6%)
	Not Applicable	0 (0.0%)

Image Set Q11: Table 4.11(h) - Cheeks

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	Cannot be compared due to the mask.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Unknown is wearing a mask covering the lower portion of her face.
8BND4V	Unable To Compare	unable to compare details of cheeks due to being covered by mask in Unknown(2)
8FHAQ2	Unable To Compare	that unknown is wearing a mask restricts comparison
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see unknowns cheeks due to mask
9WM27B	Unable To Compare	Unable to compare due to obstruction of mask.
A4GTRA	[Not Reported]	Not comparable: Cheekbone prominence; Cheek shape; Dimples
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	
BGVPT	Unable To Compare	Unknown covered by mask
BVKBTR	Unable To Compare	
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEV	Unable To Compare	
D3D3DQ	Unable To Compare	Covered by mask.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Cheeks not observed in the Unknown due to mask.
E9D7GU	Inconclusive	

Image Set Q11: Table 4.11(h) - Cheeks

WebCode	Observation	Feature Notes
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Similar	Due to the mask on the candidate image, The upper region of the cheeks are consistent in coloration and also the crease location under the eyes is consistent.
J4778Z	Unable To Compare	
JEFCV2	Not Applicable	unknown covered by face mask
KCVE8G	Unable To Compare	cheeks of unknown are covered with a facial covering. No information available for comparison purposes.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot compare due to mask worn on probe
QT8L8U	Unable To Compare	Obstructed by mask in unknown
QY9X6C	Unable To Compare	Cheeks are covered in the unknown due to mask therefore cannot compare
RJB49C	Unable To Compare	Cheeks are obscured by mask on unknown candidate.
RTFBMC	Unable To Compare	exam limited to upper portion due to mask in unknown
T9A37R	Unable To Compare	
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	cheeks of the unknown are covered

Image Set Q11: Table 4.11(h) - Cheeks

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	unable to compare due to facial mask covering
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	
ZCKK6L	Unable To Compare	due to unknown's mask coverage

Features Observations Response Summary - Q11 Cheeks			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	2 (3.2%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	3 (4.8%)	
	Unable to Compare	50 (80.6%)	
	Not Applicable	6 (9.7%)	

Image Set Q11: Table 4.11(i) - Nose

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	Cannot be compared due to the mask.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Unknown is wearing a mask covering the lower portion of her face.
8BND4V	Unable To Compare	unable to compare details of nose due to being covered by mask in Unknown(2)
8FHAQ2	Unable To Compare	that unknown is wearing a mask restricts comparison
8T7EYX	Inconclusive	
9NAAFD	Inconclusive	similar width and contour at nasal root, similar width at top of body of noses, the rest of nose is covered in unknown due to mask
9WM27B	Unable To Compare	Unable to compare due to obstruction of mask.
A4GTRA	[Not Reported]	Dissimilarities include: Nasal root: width, length, shape, depth, angle Not comparable;; Nasal outline: shape, length, width, prominence; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape, size, hair; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Similar	Nasal root (bridge)
A9BMPB	Unable To Compare	
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	
BGVZPT	Unable To Compare	Unknown covered by mask
BVKBTR	Inconclusive	
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEVV	Unable To Compare	
D3D3DQ	Unable To Compare	Covered by mask.

Image Set Q11: Table 4.11(i) - Nose

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Nose not observed in the Unknown due to mask.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Inconclusive	root of the nose bridge is likely similar; the rest of the nose is covered and not able to be compared
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar nasal root width
HVURP4	Not Applicable	Due to covering of the nose on the candidate image can not determine.
J4778Z	Unable To Compare	
JEFCV2	Similar	nose bridge similar, rest of feature covered by face mask
KCVE8G	Unable To Compare	nose of of unknown is covered with a facial covering. No information available for comparison purposes
KRVVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Similar	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Similar	The nasal root appears to have a similar asymmetric triangular shaping on both subjects. The nasal body begins to have a similar structure at the top but then the rest of the sub-features are not able to be compared due to the face mask.
QFUJLW	Unable To Compare	Nasal root is similar in width.
QKRZZB	Unable To Compare	Cannot compare due to mask worn on probe
QT8L8U	Unable To Compare	Nasal root appears similar but rest of the nose is obstructed by mask in the unknown
QY9X6C	Similar	Nasal root is similar in width, the width of whats visible of the bridge is similar, most of the bridge, nasal base, nostrils, columnella all cannot be compared due to mask in the unknown covering
RJB49C	Unable To Compare	Nose is obscured by mask on unknown candidate.
RTFBMC	Unable To Compare	exam limited to upper portion due to mask in unknown
T9A37R	Similar	

Image Set Q11: Table 4.11(i) - Nose

WebCode	Observation	Feature Notes
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	nose of the unknown is covered
UGXDTR	Inconclusive	similar nasal root width; unable to fully compare due to mask covering
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Similar	Nasal root appears similar in width and protrusion; nasal body and tip are obstructed by mask
Z9L8L3	Inconclusive	Nasal body width appears to be similar. Rest of nose can't be compared due to mask.
ZCKK6L	Unable To Compare	majority of unknown's is covered by the face mask, however width and degree of protrusion of the nasal root and body is similar

Features Observations Response Summary - Q11 Nose		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	9 (14.5%)	
Dissimilar	1 (1.6%)	
Inconclusive	10 (16.1%)	
Unable to Compare	38 (61.3%)	
Not Applicable	4 (6.5%)	

Image Set Q11: Table 4.11(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Similar	Only the right ear is visible on the unknown. Curvature of the helix is similar.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Inconclusive	One of the ears is similar but the other ear cannot be compared, and therefore a conclusion cannot be made.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Right ear is visible on both subjects. Outline and shape of right ear is similar on both subjects.
8BND4V	Similar	visible thickness/curve/shape of right helix similar; unable to compare left ear due to angle of head of Unknown(2); visible shape of right ear outline similar; difficult to compare much detail of right ear due to difference in angle of face
8FHAQ2	Similar	Right ear helix - size and shape
8T7EYX	Similar	
9NAAFD	Similar	similar right ear helix shape and size, similar protrusion from head of right ear, left ear not visible in unknown due to head turn
9WM27B	Similar	Overall shape size and placement of right ear are similar. the shape of the helix is similar. left ear could not be compared due to angle of photo.
A4GTRA	[Not Reported]	*Top portion of the R ear only* Similarities include: Helix: size, shape Not comparable.; Asymmetry; Ear protrusion; Overall ear: size, shape angle; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Similar	Right and left ear hélix
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Unable To Compare	
BF6CMR	Similar	her right ear is similar shape
BGVZPT	Inconclusive	Unable to tell due to angle, however what can be seen looks similar in shape
BVKBTR	Inconclusive	right ear similar but not discriminating.
BYKLNLR	Similar	

Image Set Q11: Table 4.11(j) - Ears

WebCode	Observation	Feature Notes
CBAKDA	Similar	Earlobe not visible in the unknown image.
D2JEVW	Similar	
D3D3DQ	Similar	Only right ear is visible in the unknown image. Ear appears similar.
E2YXFT	Similar	Helix of the right ear seems similar
E7JQ38	Similar	Similar right ear outer shape and helix thickness.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar ear length and helix shape, similar narrow folded helix; there are two faint indentations on upper and lower helix.
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Right ear has similar Helix shape and thickness
HVURP4	Similar	The right ear appears consistent in length and thickness of the helix. The location on the side of the head is consistent.
J4778Z	Similar	The right ear shape appears consistent
JEFCV2	Similar	only one ear available due to angle of unknown. similar rim curvature and shape
KCVE8G	Similar	KNOWN AND UNKNOWN: only the upper half of the unknown's left ear is visible. The helix and fossa of the left ear are consistent in contour, shape, size, placement and protrusion from head.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Similar	only R ear is comparable, both have similar shape, thickness, and depth of helix of ear. no visible alteration
MMPAFW	Similar	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Similar	The left ear is not available for comparison. The right ear appears to have a similar thin helix with an indentation about a third of the way down on both subjects. The helix appears to get thicker before the lobe on both subjects.
QFUJLW	Similar	Helix is similar in shape.
QKRZZB	Similar	The shape and thickness of the ear appears to be similar between the probe and candidate.
QT8L8U	Inconclusive	Helix of the right ear appears similar, but rest of the ear is not visible

Image Set Q11: Table 4.11(j) - Ears

WebCode	Observation	Feature Notes
QY9X6C	Similar	Left ear on the unknown is not visible due to angle, the bottom part of the right ear is covered by the mask in the unknown, the right helix is similar in shape/size, right ear placement is similar, size and shape of whole ear cannot be compared due to mask covering and angle of image in the unknown
RJB49C	Similar	Only the right ear of unknown candidate is visible. It is consistent in shape with known candidate.
RTFBMC	Inconclusive	exam limited to upper portion due to mask in unknown and angle image was taken
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	general shape of the right ear helix appears to be similar - though there is a difference in angle
UGXDTR	Inconclusive	only able to partially compare right ear; right helix thickness and shape appears similar
VGDWFB	Unable To Compare	
WK96YB	Similar	
X2TF24	Similar	Right helix appears similar in shape and thickness; schafoid fossa appears similar in depth; placement of right ear on head appears similar; appears right ear may be more protruded, may be due to head pose; left ear not visible for comparison
Z9L8L3	Similar	The right helix is similar in shape and width. No dissimilarities noted. Left ear cannot be compared
ZCKK6L	Similar	unknown's left ear isn't visible due to angle of capture, however the shape, size, and degree of protrusion of the right ear is similar; the irregular shape and thickness of the helix is consistent

Features Observations Response Summary - Q11 Ears		Total Participants: 62
Response	Percent Reported	
Similar	47 (75.8%)	
Dissimilar	0 (0.0%)	
Inconclusive	6 (9.7%)	
Unable to Compare	7 (11.3%)	
Not Applicable	2 (3.2%)	

Image Set Q11: Table 4.11(k) - Mouth

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	Cannot be compared due to the mask.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Unknown is wearing a mask covering the lower portion of her face.
8BND4V	Unable To Compare	unable to compare details of mouth due to being covered by mask in Unknown(2)
8FHAQ2	Unable To Compare	that unknown is wearing a mask restricts comparison
8T7EYX	Not Applicable	
9NAAFD	Unable To Compare	unable to see mouth in unknown due to mask
9WM27B	Unable To Compare	Unable to compare due to obstruction of mask.
A4GTRA	[Not Reported]	Not comparable: Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Lip fissure: shape, degree of contact, angle; Asymmetry; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	
BGZVPT	Unable To Compare	Unknown covered by mask
BVKBTR	Unable To Compare	
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Covered by mask.

Image Set Q11: Table 4.11(k) - Mouth

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Mouth not observed in the Unknown due to mask.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Not Applicable	Due to covering of the mouth on the candidate image can not determine.
J4778Z	Unable To Compare	
JEFCV2	Not Applicable	unknown covered by face mask
KCVE8G	Unable To Compare	mouth of unknown is covered with a facial covering. No information available for comparison purposes.
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot compare due to mask worn on probe
QT8L8U	Unable To Compare	Obstructed by mask in unknown image
QY9X6C	Unable To Compare	Cannot compare due to the mask of the unknown covering the mouth
RJB49C	Unable To Compare	Mouth is obscured by mask on unknown candidate.
RTFBMC	Unable To Compare	exam limited to upper portion due to mask in unknown
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	

Image Set Q11: Table 4.11(k) - Mouth

WebCode	Observation	Feature Notes
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	mouth of unknown is covered
UGXDTR	Not Applicable	unable to compare due to facial mask covering
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	
ZCKK6L	Unable To Compare	due to unknown's mask coverage

Features Observations Response Summary - Q11 Mouth			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	0 (0.0%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	51 (82.3%)	
	Not Applicable	9 (14.5%)	

Image Set Q11: Table 4.11(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	Cannot be compared due to the mask.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Unknown is wearing a mask covering the lower portion of her face.
8BND4V	Unable To Compare	unable to compare details of chin/jawline due to being covered by mask in Unknown(2)
8FHAQ2	Unable To Compare	that unknown is wearing a mask restricts comparison
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see jawline and chin due to mask
9WM27B	Unable To Compare	Unable to compare due to obstruction of mask.
A4GTRA	[Not Reported]	Not comparable;; Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	
BGZVPT	Unable To Compare	Unknown covered by mask
BVKBTR	Unable To Compare	
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Covered by mask
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Chin and jawline not observed in the Unknown due to mask.

Image Set Q11: Table 4.11(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Not Applicable	Due to covering of the chin/jawline on the candidate image can not determine.
J4778Z	Unable To Compare	
JEFCV2	Not Applicable	unknown covered by face mask
KCVE8G	Unable To Compare	Chin and jawline of unknown are covered with a facial covering. No information available for comparison purposes.
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot compare due to mask worn on probe
QT8L8U	Unable To Compare	Obstructed by mask in unknown image
QY9X6C	Unable To Compare	Cannot compare due to the mask of the unknown covering the chin/jawline
RJB49C	Unable To Compare	Chin and jawline are obscured by mask on unknown candidate.
RTFBMC	Unable To Compare	exam limited to upper portion due to mask in unknown
T9A37R	Similar	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67Nzd	Unable To Compare	

Image Set Q11: Table 4.11(I) - Chin/Jawline

WebCode	Observation	Feature Notes
U8BE68	Unable To Compare	chin and jawline of unknown is covered
UGXDTR	Not Applicable	unable to compare due to facial mask covering
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	
ZCKK6L	Unable To Compare	due to unknown's mask coverage

Features Observations Response Summary - Q11 Chin/Jawline			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.6%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	52 (83.9%)	
	Not Applicable	7 (11.3%)	

Image Set Q11: Table 4.11(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Inconclusive	
2KAT63	Inconclusive	
2XLVQ2	Inconclusive	Creases found on knowns neck, not found on unknown possibly due to the difference in angles.
3UFTE6	Unable To Compare	
44J8XH	[No observations reported for this feature.]	
474EX6	Unable To Compare	Cannot be compared due to the mask.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Necks are barely visible on both subjects. Right side of neck is visible on unknown and left side of neck is visible on known.
8BND4V	Unable To Compare	unable to compare much detail of neck due to angle difference, mask and hair of Unknown(2)
8FHQAQ2	Unable To Compare	
8T7EYX	Inconclusive	
9NAAFD	Inconclusive	only partial of neck of unknown visible and due to angle there's nothing to really compare with the known
9WM27B	Similar	Neck can only be compared generally as there is obstruction in both images. appears similar in width and height.
A4GTRA	[Not Reported]	Not comparable: Overall neck: width, height, details; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Similar	
BF6CMR	Unable To Compare	
BGVZPT	Unable To Compare	Not enough shown in images
BVKBTR	Unable To Compare	
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEVW	Inconclusive	
D3D3DQ	Unable To Compare	Cannot compare due to difference in body position.
E2YXFT	Unable To Compare	
E7JQ38	Inconclusive	Insufficiently resolved in the Unknown.

Image Set Q11: Table 4.11(m) - Neck

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Not Applicable	Not much visible on the candidate image, so not much to compare.
J4778Z	Unable To Compare	
JEFCV2	Inconclusive	creases seen in known but not in unknown, could be due to image quality/angle
KCVE8G	Inconclusive	The majority of unknown's neck is covered and there is not much information available for comparison purposes. There is a round mark/discoloration located at the top of the left side of known's neck and a crease around the center of known's neck that are not visible on unknown due to the position of the head.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Inconclusive	positioning of the neck and quality of UNK is not sufficient to compare
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Inconclusive	Nothing remarkable to compare due to obstructions
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	No comparable features
QT8L8U	Inconclusive	Not fully visible due to hair and angle of the face/neck in unknown image
QY9X6C	Unable To Compare	Neck crease is visible in the known, the unknown only has a little bit showing of the neck but not enough to compare anything
RJB49C	Unable To Compare	Neck of unknown candidate is partially obscured by mask. Both candidates necks are only slightly visible. Not enough visible for comparison.
RTFBMC	Inconclusive	cannot compare due to angle images were taken
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	

Image Set Q11: Table 4.11(m) - Neck

WebCode	Observation	Feature Notes
TQ9EET	Inconclusive	
U67NZZ	Unable To Compare	
U8BE68	Unable To Compare	neck of the unknown is not visible
UGXDTR	Not Applicable	unable to compare due to image capture and clothing covering
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	
ZCKK6L	Unable To Compare	due to shadowing present

Features Observations Response Summary - Q11 Neck			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (4.9%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	15 (24.6%)	
	Unable to Compare	38 (62.3%)	
	Not Applicable	5 (8.2%)	

Image Set Q11: Table 4.11(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Unable To Compare	Unable to compare, not found on the known and not visible on the unknown.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	known doesnt have facial hair and I assume unknown doesnt as well but because of mask I cant say for sure
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Unable To Compare	Face is covered by mask.

Image Set Q11: Table 4.11(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Unable To Compare	Facial hair not observed in the Known and not observed in the Unknown due to mask.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Unable To Compare	
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	none visible
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Not Applicable	none visible.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Known has nasolabial folds, marionette lines, left buccal crease visible but not in the unknown due to mask
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q11: Table 4.11(n) - Facial Hair

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	unable to compare due to facial mask covering
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Unable To Compare	
Z9L8L3	Not Applicable	None noted.
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q11 Facial Hair		Total Participants: 61
Response	Percent Reported	
Similar	2 (3.3%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	16 (26.2%)	
Not Applicable	42 (68.9%)	

Image Set Q11: Table 4.11(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Frontal lines are found in the same relative location. Arrangement of the frontal lines are similar. Inferior palpebral creases have a similar prominence.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Similar	The wrinkles on the forehead is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Horizontal lines on forehead similar on both subjects.
8BND4V	Similar	similar curve/shape/number of frontal lines and similar distance/distribution of frontal lines to one another; what is visible of right inferior palpebral crease appears to follow similar curve, slightly more prominent for Unknown(2) than Known(1) which can be due to potential expression difference
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	frontal lines as discussed in forehead section are similar
9WM27B	Similar	frontal lines appear similar in placement, depth, length.
A4GTRA	[Not Reported]	Similarities include: Frontal lines; Inferior palpebral crease; Superior palpebral crease; Infraorbital crease Not comparable;; Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Periorbital lines; Circumoral striae; Mentolabial sulcus; Nasolabial crease; Marionette lines; Cleft chin; Buccal creases; Wrinkles on neck; Other creases
A8F4MA	Similar	Frontal lines (forehead wrinkles)
A9BMPB	Similar	Similar lines forehead
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	wrinkles on forehead similar
BGVPT	Similar	Lines on both foreheads are in agreement
BVKBTR	Similar	forehead creases seem consistent.
BYKLNK	Dissimilar	
CBAKDA	Similar	
D2JEW	Similar	

Image Set Q11: Table 4.11(o) - Facial Lines

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Face is covered by mask.
E2YXFT	Similar	Similar horizontal lines on the forehead and superior palpebral creases on eyelids of both images
E7JQ38	Similar	Similar forehead creases and palpebral crease.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	strong support for the similarity of the transverse frontal lines. Similar inferior palpebral creases. similar crease below the right eyebrow
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Discussed above
HVURP4	Similar	Noted above.
J4778Z	Similar	forehead frontal lines appear similar
JEFCV2	Similar	those in features available are similar
KCVE8G	Similar	mentioned above. Forehead
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	forehead
QCV8PW	Inconclusive	None visible other than mentioned above
QFUJLW	Similar	Discussed in earlier sections
QKRZZB	Similar	Both the probe and candidate have frontal lines. The lines on the forehead of both individuals appear to line up with each other.
QT8L8U	Similar	Placement and line of the forehead lines appears similar
QY9X6C	Not Applicable	
RJB49C	Similar	The only facial lines visible are the forehead lines and eyelid folds previously mentioned.
RTFBMC	Similar	exam limited to upper portion due to mask in unknown, lighting
T9A37R	Similar	Known and unknown frontal lines are very similar in depth and shape.

Image Set Q11: Table 4.11(o) - Facial Lines

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67NZD	Unable To Compare	
U8BE68	Similar	mentioned in the eyes and forehead sections
UGXDTR	Inconclusive	unable to fully compare due to facial mask covering; nothing additional to those annotated above
VGDWFB	Similar	Vertical frontal lines
WK96YB	Unable To Compare	
X2TF24	Similar	Previously mentioned
Z9L8L3	Similar	Similar forehead lines - very thin, but defined. Length and shape is similar in both.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q11 Facial Lines			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	50 (82.0%)	
	Dissimilar	2 (3.3%)	
	Inconclusive	2 (3.3%)	
	Unable to Compare	6 (9.8%)	
	Not Applicable	1 (1.6%)	

Image Set Q11: Table 4.11(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Unable To Compare	
2KAT63	Inconclusive	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Inconclusive	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Nil observed
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Dissimilar	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEWV	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q11: Table 4.11(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted in comparable area
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	Non noted.
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	none visible
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Inconclusive	Scar/mark on the medial portion of the left eyebrow that appears to be lighter than the skin tone. If there are any other scar/marks than they are not able to be compared due to obstruction
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Inconclusive	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	none noted
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	

Image Set Q11: Table 4.11(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	unable to compare due to facial mask covering
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	None noted.
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q11 Scars			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	2 (3.3%)	
	Dissimilar	1 (1.7%)	
	Inconclusive	6 (10.0%)	
	Unable to Compare	5 (8.3%)	
	Not Applicable	46 (76.7%)	

Image Set Q11: Table 4.11(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Similar	Facial mark at the start of the left brow is similar in size and prominence. Mark on the knowns chin, unable to compare covered on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Not Applicable	
474EX6	Similar	The position of the wart beside the eyebrow is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have the same facial mark/ bump at the inner edge of the left eyebrow
8BND4V	Similar	similar size/shape/protrusion of mark near medial end of left eyebrow
8FHAQ2	Similar	both of them have nevus on the bottom-right of left eyebrow
8T7EYX	Similar	
9NAAFD	Similar	both have mark at medial end of left eyebrow similar in size and shape
9WM27B	Similar	left inner eyebrow facial mark appears similar in placement, color, shape, and size.
A4GTRA	[Not Reported]	Similarities include: Facial mark on the medial corner of the left eyebrow observed in both images Not comparable: Facial marks observed on R1 not visible in Q1 due to pose and face mask obstruction
A8F4MA	Similar	Skin mark in left brow
A9BMPB	Similar	Medial left eyebrow
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	both have mark on eyebrow
BGVZPT	Dissimilar	Mark/mole on interior of right eyebrow in both images
BVKBTR	Similar	mole near end of left eyebrow near bridge of nose similar. but does not look like a permanent mark.
BYKLNK	Dissimilar	
CBAKDA	Unable To Compare	
D2JEVW	Similar	
D3D3DQ	Similar	There is a facial mark on the left eyebrow observed on both known and unknown.
E2YXFT	Similar	Similar spot in the medial corner of the left eyebrow

Image Set Q11: Table 4.11(q) - Facial Marks

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar tonal variation above eyebrow.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar light mark at the start of the left brow.
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Discussed above
HVURP4	Similar	Noted the consistent creases on the forehead and also the bump on the the left eye region.
J4778Z	Similar	mark above left eye in eyebrow area appears consistent.
JEFCV2	Similar	those in features available are similar
KCVE8G	Dissimilar	previously noted
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	ieft eyebrow
QCV8PW	Inconclusive	Scar/mark on the medial portion of the left eyebrow that appears to be lighter than the skin tone. If there are any other scar/marks than they are not able to be compared due to obstruction
QFUJLW	Not Applicable	
QKRZZB	Similar	Facial mark on the left medial canthus side of the eyebrow that is present on both the probe and candidate.
QT8L8U	Inconclusive	Bump on inner corner of left eyebrow appears similar
QY9X6C	Not Applicable	
RJB49C	Similar	There is mole or bump visible on the inner edge of the left eyebrow adjacent to the nose on both candidates.
RTFBMC	Similar	exam limited to upper portion due to mask in unknown, medial side left eyebrow
T9A37R	Similar	Known and unknown have fleshy mole at the left side of the nasal root (top).
TLDKJC	[No observations reported for this feature.]	

Image Set Q11: Table 4.11(q) - Facial Marks

WebCode	Observation	Feature Notes
TQ9EET	Similar	
U67NZD	Unable To Compare	
U8BE68	Not Applicable	
UGXDTR	Inconclusive	unable to fully compare due to facial mask covering; nothing additional to those annotated above
VGDWFB	Similar	Acne left Eyebrows
WK96YB	Unable To Compare	
X2TF24	Similar	Facial mark on left inferior forehead appears similar in placement; other previously mentioned
Z9L8L3	Similar	Facial mark near the left eyebrow present in both the known and unknown.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q11 Facial Marks		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	44 (72.1%)	
Dissimilar	4 (6.6%)	
Inconclusive	3 (4.9%)	
Unable to Compare	4 (6.6%)	
Not Applicable	6 (9.8%)	

Image Set Q11: Table 4.11(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Different pose, lighting, focal length
2XLVQ2	Inconclusive	Unknown is wearing a face mask covering the lower half of the face.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	[Not Reported]	Unknown(2) is wearing facial mask
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	different pose - lighting - focal
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Nil observed
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Dissimilar	Unknown has mask on covering nose downward
BVKBTR	Not Applicable	
BYKLNK	Dissimilar	
CBAKDA	Unable To Compare	
D2JEWV	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Dissimilar	Face mask on unknown image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Dissimilar	

Image Set Q11: Table 4.11(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	[No observations reported for this feature.]	
EYNFWN	[Not Reported]	unknown wearing a face covering
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	None noted.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	unknown wearing facial mask
KCVE8G	Not Applicable	none visible
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Not Applicable	
MX9NJY	Unable To Compare	
NPD6JF	Dissimilar	Mask
PT369V	Not Applicable	
QCV8PW	Dissimilar	Face mask on the unknown
QFUJLW	Dissimilar	Unknown is wearing a mask
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Unknown is wearing a mask covering most of the lower half of face
RJB49C	Not Applicable	
RTFBMC	Dissimilar	mask in unknown
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Inconclusive	face mask present on unknown
UGXDTR	Dissimilar	unknown is wearing a mask

Image Set Q11: Table 4.11(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Appears U could be wearing eyeliner not visible on K
Z9L8L3	Not Applicable	None noted.
ZCKK6L	Inconclusive	unknown is wearing a mask

Features Observations Response Summary - Q11 Alterations		Total Participants: 56
<u>Response</u>	<u>Percent Reported</u>	
Similar	2 (3.6%)	
Dissimilar	14 (25.0%)	
Inconclusive	4 (7.1%)	
Unable to Compare	4 (7.1%)	
Not Applicable	32 (57.1%)	

Image Set Q11: Table 4.11(s) - Other Features

WebCode	Feature	Response	Feature Notes
3UFTE6	mole	Similar	
A4GTRA	Comparison limitations		Examination limitations: The images displayed a number of limiting factors including, but not limited to, age, obstruction, pose, lighting and image quality conditions. These limited the comparison and the observations that were able to be made.
E7JQ38	Limitations	NotApplicable	Image quality, lighting, perspective distortion, pose and occlusion (mask and hair).
EYNFWN	head position	Dissimilar	dissimilar yaw, frontal vs angled profile
PT369V	mask	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Image quality is good in both images, the known is a frontal image, the unknown is an angle image, lighting is brighter in the known, might be an age difference in the two
U67Nzd	Mole on chin	Similar	
WK96YB	mole	Similar	
EYNFWN	lighting	Dissimilar	lighting in Known image is coming from the right, lighting in the Unknown image is coming from above
EYNFWN	camera	Dissimilar	slight perspective distortion in Known

Detailed Feature Observations

TABLE 4 - Image Set Q12

Image Set Q12: Table 4.12(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of skin is similar. Texture of the skin is fairly smooth on both subjects; unknown appears to be wearing makeup.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The skin tone is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Similar	Both subjects are lighter skinned females with similar skin tone
8BND4V	[Not Reported]	both appear to have similar skin tones, slight difference can be from lighting/sun exposure; Unknown(2) appears to be wearing more makeup on face
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	skin texture is different, the tone is slightly different , luminance of forehead and cheeks is different
9WM27B	Similar	skin color, texture, and tone is similar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known has rougher, darker skin
BGZVPT	Similar	Similar in texture and color
BVKBTR	Inconclusive	
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar.

Image Set Q12: Table 4.12(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Different texture
E7JQ38	Similar	Similar skin tone and texture.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Dissimilar	Similar light-medium skin with yellow undertones. Known skin is smooth and youthful. Unknown skin is more textured with more fine lines.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar texture and tone
HVURP4	Dissimilar	The colorations of the known image is slightly darker than that of the unknown. Also the known appears to have several more facial moles/markings than that of the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	similar tonigh, but various texture
KCVE8G	Dissimilar	The known subject's skin is light to medium in color, warm in tone with a slight rosy undertone. There are several small dots, marks and/or specs scattered around the facial area that vary in darker shade from the overall color and tone of the skin. The skin of the unknown subject is light to medium in color, has a warm golden tone and is smooth in texture.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Both have light skin but Unk has makeup on and a couple of facial markings visible on R side of face, K appears natural and has many facial markings over all of face.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Inconclusive	The subjects appear to present with a similar light skin tone with variations in hue/coloration which could be due to exposure, imaging conditions, etc. The subjects both present with textured skin however the unknowns appear to be more age related.
QFUJLW	Similar	Skin is similar in medium color
QKRZZB	Similar	Skin tone between the probe and candidate appears to be similar.
QT8L8U	Inconclusive	The unknown has makeup on changing the texture of her skin, which is visible on her chin where it has become "cakey"
QY9X6C	Dissimilar	Tone is darker in the known, the unknown has a brighter glow, texture appears to be smoother in the unknown

Image Set Q12: Table 4.12(a) - Skin

WebCode	Observation	Feature Notes
RJB49C	Dissimilar	Skin on known candidate is slightly textured on forehead and cheeks. Unknown has more textured chin. Small marks, possibly freckles, differ between candidates.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Knwon has rougher skin texture, mainly towards the bottom portion of the face.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	skin tone appears to be similar - texture of the unknown appears to be slightly rougher than the known
UGXDTR	Similar	skin tone appears similar with both individuals appearing to have light brown/olive skin; skin texture appears similar
VGDWFB	Similar	Luminance and color
WK96YB	Similar	
X2TF24	Dissimilar	Skin appears dissimilar in texture/overall tone/luminance
Z9L8L3	Similar	Skin is similar, slightly darker.
ZCKK6L	Dissimilar	texture is dissimilar, as known's appears to be weathered in forehead and cheek regions whereas the unknown's is uneven, specifically in the mouth and chin region; light-brown complexion is similar, however the unknown is lighter in the t-zone area but this could be attributed to the application of makeup; the known's tonality is evenly distributed whereas the unknown has a reddish tone on the outer perimeters

Features Observations Response Summary - Q12 Skin		Total Participants: 61
Response	Percent Reported	
Similar	28 (45.9%)	
Dissimilar	27 (44.3%)	
Inconclusive	4 (6.6%)	
Unable to Compare	1 (1.6%)	
Not Applicable	1 (1.6%)	

Image Set Q12: Table 4.12(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Head is rounded on both subjects.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The face shape is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Both subjects have a round head shape
8BND4V	[Not Reported]	both appear to have round shape to lower face/head outline; Known(1) appears to curve slightly wider outward in shape near eyes
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	head shapes are different with unknown's head appearing more squared in bottom half
9WM27B	Similar	overall face shape (round) is similar.
A4GTRA	[Not Reported]	Similarities include: Overall shape of the face Not comparable: Shape of the cranial vault
A8F4MA	Dissimilar	overall shape of face
A9BMPB	Inconclusive	Similar outline, dissimilar in detail.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Similar	both are round shaped
BGZVPT	Dissimilar	Known is a little more rounded
BVKBTR	Dissimilar	face more rounded on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Similar	Outline is similar.
E2YXFT	Dissimilar	More oval on unknown image
E7JQ38	Dissimilar	Dissimilar overall shape of face.

Image Set Q12: Table 4.12(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known's head is rounded, Unknown's head is round-oval
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Both have an oval face. Similar cranial vault.
HVURP4	Dissimilar	Face/head outline is dissimilar. The unknown image has a fuller thru the cheek area and also longer from hairline to chin, than that of the known image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	known higher cheeks, unknown more rounded at bottom
KCVE8G	Dissimilar	Both known and unknown have a similar wide, round face with features placed evenly and symmetrically on the face. Unknown subject appears slightly older than known and has more weight in the face and neck.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a wide oval face with a wider jaw area, K has a rounder face with a wider zygomatic bone area.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Dissimilar	The face/head outline appears to be similar around the cranial vault, wider on the known around the middle, and similar on the lower portion.
QFUJLW	Similar	Head shape is similar in oval shape.
QKRZZB	Similar	Probe and candidate appears to have similarities face outline.
QT8L8U	Dissimilar	Head obstructed by hair. Face outline does not appear to be the same shape
QY9X6C	Dissimilar	Unknown appears to be longer in height and wider in width, the unknown is more ovalish and the known is more circular
RJB49C	Inconclusive	Both candidates have rounded face/head shapes. Known candidate's appears narrower.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known face has a wider profile towards the lower portion of the face.
TLDKJC	Similar	
TQ9EET	Dissimilar	

Image Set Q12: Table 4.12(b) - Face/Head Outline

WebCode	Observation	Feature Notes
U67NZD	Similar	
U8BE68	Dissimilar	general shape of the faces appear to differ, unknown appears to be more rounded overall
UGXDTR	Inconclusive	known facial shape appears more oval shaped where unknown facial shape appears more pear shaped; unable to definitively tell, but unknown cranial vault appears to be more flat in contour than the known
VGDWFB	Dissimilar	Overall shape of face
WK96YB	Similar	
X2TF24	Dissimilar	Face shape appears dissimilar in inferior half; shape of cranial vault appears dissimilar
Z9L8L3	Similar	Outline is similar- both have rounder faces.
ZCKK6L	Similar	round shape and size of the face is similar; the curvature of the cranial vault appears to be similar, but is difficult to compare due to the thickness of the known's hair

Features Observations Response Summary - Q12 Face/Head Outline		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	19 (31.1%)
	Dissimilar	38 (62.3%)
	Inconclusive	3 (4.9%)
	Unable to Compare	0 (0.0%)
	Not Applicable	1 (1.6%)

Image Set Q12: Table 4.12(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Nose to mouth distance appears to be longer on the known.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The intercanthal distance is dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features are spaced relatively similarly
8BND4V	[Not Reported]	lower end of ear distance relative to mouth appears lower down for Unknown(2) than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Inconclusive	eyes nose and mouth are in relatively same positions of face, but ears are lower on unknown
9WM27B	Dissimilar	placement of facial features and spacing between features is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Approximate distance from nose to upper lip relative to face length; Eye position relative to face length Dissimilarities include: Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth - nose only as top of the ears not visible
A8F4MA	Dissimilar	Proportions/position of features on face
A9BMPB	Inconclusive	General composition does not include great differences in general, but has dissimilar characteristics in detail.
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	wide set eyes for known subject, different nose length
BGVPT	Dissimilar	Unknowns face seems longer
BVKBTR	Dissimilar	ears to follow forward are much lower on unknown than known on both sides.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Similar	Composition is similar.

Image Set Q12: Table 4.12(c) - Face/Head Composition

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Relative distances between facial features seem different
E7JQ38	Dissimilar	Dissimilar relative position of features.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Similar	Somewhat similar feature placement and spacing. Eyes are further apart.
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Unknown's eyes appear closer together and the ears are lower on the face
HVURP4	Dissimilar	Face/head composition appear dissimilar in location of the eyes in relation to the nose and the length of the bridge of the nose on the unknown is longer.
J4778Z	Dissimilar	
JEFCV2	Similar	
KCVE8G	Similar	Both known and unknown subjects have a round, plump, chubby face and features that are placed evenly and symmetrically. Unknown subject's features are more angular than known subject's features.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	K's features are evenly spaced over the face with a small forehead and small chin. Unk's features are more concentrated on the lower half of face with a larger forehead.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Dissimilar	The features of the face appear to have a similar vertical alignment however the unknown appears to have a wider horizontal alignment.
QFUJLW	Similar	Features are placed on the face in a similar fashion. Nose is placed in a similar place in relation to eyes and mouth.
QKRZZB	Dissimilar	The intercanthal distance between the probe and candidate appears to be dissimilar. The distance from the hairline to the eyebrows appears to be dissimilar.
QT8L8U	Similar	Head obstructed by hair. Facial composition appears similar in placement of features on the face
QY9X6C	Dissimilar	Distance between eyes appears to be further apart in the known, distance from eyes to mouth appear to similar, distance from nose to mouth appears to be similar
RJB49C	Inconclusive	Each is symmetric.

Image Set Q12: Table 4.12(c) - Face/Head Composition

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Similar	relative shape and size of the features compared to one another appears to be similar overall
UGXDTR	Similar	similar symmetry and proportion to both facial images
VGDWFB	Dissimilar	
WK96YB	Similar	
X2TF24	Dissimilar	Approximate width of nose relative to eyes appears wider in U; approximate width of mouth relative to eyes appears similar; Approximate distance from nose to upper lip relative to face length appears dissimilar; approximate distance from chin to lower lip relative to face length appears dissimilar; Eye position relative to face length appears dissimilar
Z9L8L3	Inconclusive	Similar composition - chins appear similar. distance between the eyes is shorter in the unknown.
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features, with the exception of the nose, are similar with respect to each other and their location on the face, residing centrally in the face

Features Observations Response Summary - Q12 Face/Head Composition		Total Participants: 59
Response	Percent Reported	
Similar	23 (39.0%)	
Dissimilar	30 (50.8%)	
Inconclusive	4 (6.8%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.4%)	

Image Set Q12: Table 4.12(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Texture of the hair is dissimilar, known is curlier. Curvature of the hairline is dissimilar, more pointed on the known. Tone of the hair is similar.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	One of the individuals has a curly hair, the other has a straight hair.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown has long dark brown hair that is pulled back in a pony tail; the hair appears mostly straight. Known has dark brown hair pulled back in a pony tail; hair appears coarse in texture and curly.
8BND4V	[Not Reported]	both appear to have darker hair colors and hair pulled back; Known(1) appears to have curlier hair than Unknown(2) which is straighter
8FHQAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	known has coarser hair than unknown, frontal hairline position and curvature is different, hair color is somewhat similar
9WM27B	Dissimilar	Hair color is similar, however texture, density, distribution, and hairline is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Hair: shape/spatial distribution, texture, symmetry, density, tonality; Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape Not comparable: Cranial baldness pattern: shape, distribution
A8F4MA	Dissimilar	Forehead hairline, Hairline right side Hairline left side
A9BMPB	Dissimilar	Structure, hairline
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	receding hair in unk subject
BGZVPT	Similar	Similar in thickness and texture
BVKBTR	Dissimilar	Different color hair, curly vs straight
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Hair color and texture appear different. Hairline appears different as well.

Image Set Q12: Table 4.12(d) - Hair

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Different texture
E7JQ38	Dissimilar	Dissimilar hair texture.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	similar color; dissimilar texture and density; dissimilar hairline
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Similar color but different texture. They also have different hairlines
HVURP4	Dissimilar	Similar in color but the texture of the known image appears coarser and fuller than that of the unknown image.
J4778Z	Dissimilar	different texture
JEFCV2	Dissimilar	similar color, different texture (curly vs straight), different part
KCVE8G	Dissimilar	Known's hair is thick, wavy, close to the top of the head as if pulled back behind the head or cut in a short hair style. The texture of the hair appears coarse. The hair color of the known subject is dark, almost black with dark red highlights. The hairline of known is in a high, narrow arch, there is a small part on the right side with a small widow's peak in the center. Unknown's hair is long, straight, pulled back behind the head away from the face, smooth in texture and very dark in color. The hairline and the top of the forehead is in a high arch shape with no visible widow's peak.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has dark straight hair that is pulled back. K has dark, tight, curly hair that is pulled back and parted on the R.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The hairline appears to be higher and more asymmetric on the left side on the unknown. The subjects both present with dark hair however the color and texture appear different.
QFUJLW	Dissimilar	Not similar in texture/color. Hairline is not similar in shape/size.
QKRZZB	Dissimilar	Hairline between the probe and candidate appears to be dissimilar. The probe hair color appears to be darker than the candidate.
QT8L8U	Dissimilar	Hairline and texture appear dissimilar

Image Set Q12: Table 4.12(d) - Hair

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Both have dark hair, texture appears to be smoother in the unknown, known hair appears to have some curl to it and the unknown is straight, due to hairstyle of the known hairline cannot be compared
RJB49C	Dissimilar	Known candidate has thick curly/wavy hair that appears to be dark brown and a lower hairline. Unknown candidate has straight hair that is dark brown or black with a higher hairline.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has straight hair while unknown has thicker curlier hair.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	hair appears to be similar in dark color - hairline appears to differ - texture of the hair appears to differ
UGXDTR	Inconclusive	hair color appears similar; known's hair texture appears more thick and curly compared to the more straight hair of the unknown; the known appears to have a slight, more prominent widow's peak; the hair growth pattern along the temporal peaks appears different in shape
VGDWFB	Dissimilar	Hairline side, color,gaps, texture
WK96YB	Dissimilar	
X2TF24	Dissimilar	Hair appears dissimilar in texture and darker in U, may be due to intentional alterations; hairline appears dissimilar in shape
Z9L8L3	Dissimilar	Both have dark hair, however the known has curly hair and unknown's appears straight. Texture looks different.
ZCKK6L	Dissimilar	hairline along the sides can't be compared due to the manner in which the known's hair is laying and the hairline along the forehead is dissimilar, as the known's is shorter and has a small willow's peak whereas the unknown's is relatively consistent in shape; dark color is similar, however growth distribution, type, and thickness is dissimilar as the known's appears to be thicker and curly whereas the unknown's seems to be thicker and straight, however this could be attributed to grooming differences

Features Observations Response Summary - Q12 Hair		Total Participants: 61
Response	Percent Reported	
Similar	4 (6.6%)	
Dissimilar	52 (85.2%)	
Inconclusive	3 (4.9%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q12: Table 4.12(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns forehead appears to protrude more. Shape of the forehead is similar.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The hairline and the forehead shape are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Unknown forehead has more horizontal creases. Unknown forehead appears taller
8BND4V	Dissimilar	Unknown(2) has the presence of more frontal lines visible on forehead which do not appear similar/present for Known(1)
8FHQAQ2	Dissimilar	height is different
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	size and shapes are different, contouring and protrusion is different, frontal lines are different in positions and curvatures
9WM27B	Dissimilar	height and width of forehead is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Forehead shape: relative height, relative width, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Dissimilar	Forehead shape,
A9BMPB	Dissimilar	Height is dissimilar. Brow ridge has similar protrusion.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	much higher forehead in unk subject
BGZVPT	Dissimilar	Unknown has a higher forehead, some lines can be found on the unknown and not the known
BVKBTR	Dissimilar	known too low hair line
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Forehead appears larger in the unknown and there are lines on the unknown not observed on the known. There are marks on the known not observed on the unknown.
E2YXFT	Dissimilar	Different hairline, longer on unknown image

Image Set Q12: Table 4.12(e) - Forehead

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar forehead width.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Unknown forehead is taller, dissimilar contours (Known is flatter, Unknown is more curved)
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Similar	Unknown has a larger forehead with a higher hairline
HVURP4	Dissimilar	The unknown's forehead is wider and longer. The distance from top of the brow to the hair line is greater on the unknown. The hairline itself is lower on the forehead of the known image.
J4778Z	Dissimilar	different size and shape
JEFCV2	Dissimilar	creases in unknown not visible in known, marks in known not visible in unknown
KCVE8G	Dissimilar	KNOWN: Known's forehead is narrow at the top of the hairline and widens as you follow the contour downward to the cheekbones. The known's forehead is shorter in height and width than unknown's forehead. There aren't any visible lines on known's forehead but there are a few, very faint, small dots, marks and/or specs that do not appear present on the unknown's forehead. UNKNOWN: Unknown's forehead has a high arch shape, narrow at the top of the forehead and wide as you follow the contour down to the temples. There are 3-4 visible forehead creases, fine lines along the left and right sides of the forehead.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unks has a larger forehead with an asymmetrical hairline and frontal lines visible. K has a smaller forehead with a small widows peak and no visible front lines.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The forehead appears to be wider, taller, and less pronounced on the unknown than the known.
QFUJLW	Dissimilar	Similar in width is not similar in height/shape/luminesce
QKRZZB	Dissimilar	The shape of the forehead appears to be dissimilar. The probe looks to have a smaller forehead compared to the candidate. The contour of the forehead appears to be dissimilar.
QT8L8U	Dissimilar	Height and width of the unknown appears taller and wider than that of the known. Unknown's brow ridge appears to protrude more

Image Set Q12: Table 4.12(e) - Forehead

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Width appears to be wider in the unknown, height is longer in the unknown, some of the hair in the known is covering the sides of the forehead, frontal lines are dissimilar in location/size/shape, marks throughout the knowns forehead that are not visible in the unknown, brow ridge appears to be further up in the unknown
RJB49C	Dissimilar	Forehead of known is smaller, with a shorter distance between hairline and eyebrows and no distinct creases. Unknown has a larger forehead with greater distance between hairline and eyebrows with noticeable creases.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has a wider and taller forehead.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	forehead appears to differ in size and shape - unknown appears to have a tall and narrow forehead compared to the shorter and wider forehead of the known
UGXDTR	Dissimilar	the unknown appears to have a taller forehead height; the unknown has frontal lines present whereas the known does not; the known has prominent facial marks present that the unknown does not; similar brow ridge prominence
VGDWFB	Dissimilar	Relative height, Relative width
WK96YB	Dissimilar	
X2TF24	Dissimilar	Forehead appears dissimilar in relative length, longer in U; similar in relative width; appears dissimilar in slope; brow ridges appear more prominent in U
Z9L8L3	Dissimilar	The distance between the hairline and the eyebrows is slightly longer in the unknown. There are creases in the unknown that are not present in the known, but this could be due to age.
ZCKK6L	Dissimilar	rounded contour with depressions on the side is similar, however size and musculature is dissimilar as the known's is shorter and thicker/puffier in height; known has a facial mark above the right medial end of the brow and some scar-like marks in the center that are not visible on the unknown; unknown has a few frontal lines of various sizes and location that are not visible on the known; brow ridge is dissimilar, as the unknown's is more prominent

Features Observations Response Summary - Q12 Forehead		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	5 (8.1%)
	Dissimilar	56 (90.3%)
	Inconclusive	1 (1.6%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q12: Table 4.12(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Similar	Thickness of the eyebrows are similar. The tails of the eyebrows end in similar locations. Growth pattern of the brows are similar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Similar	The eyebrow shape is similar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown eyebrows are square near center and get thin at outer ends; hair at outer ends do not lay flat and stick out from the skin. Known eyebrows have a similar arch/ curve as the unknown, but the amount of hair at the inner portion is thinner on known.
8BND4V	Dissimilar	Unknown(2) appears to have darker/more styled eyebrows than Known(1) which appears to have natural trim to eyebrow hairs; medial ends of Unknown(2) eyebrows appear more rectangular in shape than Known(1)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	starting points at medial ends and growth patterns are different, curvatures are also different, position above eyes of left brow is different
9WM27B	Dissimilar	eyebrow grooming, growth pattern, texture, density is dissimilar. medial brows begin in dissimilar locations. facial mark above left eyebrow (center) in known is not observed in unknown.
A4GTRA	[Not Reported]	Dissimilarities include:; Shape; Size; Position; Density of hair; Hair details; Asymmetry - Q1 left eyebrow arches higher than the right - not observed in R1 Not comparable: Conjoined
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Dissimilar	Grooming, placement. Left brow is higher in unknown.
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar shape, length
BGVZPT	Dissimilar	Unknowns brows are thicker
BVKBTR	Dissimilar	drawn vs natural, position slightly off.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	

Image Set Q12: Table 4.12(f) - Eyebrows

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Makeup has been used to fill in eyebrows of the unknown. Color and thickness appear similar however the direction of hair on outer edges of eyebrows of the unknown is different from that of the known.
E2YXFT	Similar	Overall shape seems similar
E7JQ38	Dissimilar	Dissimilar eyebrow medial growth pattern, distance to upper lid and lower angle.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	both have groomed brows; appearance is similar, but Unknown's eyebrows are penciled in. Unknown looks to have more brow hair density.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Similar shape. Known has a freckle in the middle of the left eyebrow. Unknown has hair that sticks out toward the lateral sides of the eyebrows
HVURP4	Dissimilar	Similar in color and shape, but the knowns are more penciled in or colored in. The distance from brow to eyelid crease is shorter in that of the known image. On the known images left brow there appears to be a mark that is not present in the unknown image.
J4778Z	Dissimilar	drawn on versus growth
JEFCV2	Dissimilar	unknown appears potentially drawn/colored in, scar in known which does not show in unknown, mark on upper eyebrow in known which does not show in unknown
KCVE8G	Dissimilar	Unknown's eyebrows appear darker than known but could have been altered with make-up. Unknown's eyebrows are dissimilar in thickness, width, length and height to known's eyebrows. The distance between unknown's eyebrows is greater than known's eyebrows. There is a small mark, darker area of skin above the arch of the left eyebrow on known image that does not appear on unknown image. The hair growth pattern of the eyebrows is inconsistent between known and unknown subjects.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has penciled, drawn in, or tattooed brows, K has natural brows that are groomed and has a small facial marking at the apex of the L brow. K also has a linear facial mark or an artifact of the camera capture inferior to the L lateral edge of brow.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The eyebrows appear to have a similar dark color. The medial portion of the brows appear to have a similar angle however extending laterally the arc appears to be higher on the unknown. The lateral portion of the right brow appears to extend lower on the known. The spacing between the eyes and the brows appears to be larger on the unknown.

Image Set Q12: Table 4.12(f) - Eyebrows

WebCode	Observation	Feature Notes
QFUJLW	Similar	Similar in shape/color/thickness. Distance between eyebrows is similar. Facial marking above left eye in the Known is not similar in size/location with Unknown
QKRZZB	Dissimilar	The growth pattern of the eyebrows appears to be similar between the probe and candidate.
QT8L8U	Inconclusive	Unknown's are filled in with makeup/possible microbladding. True density/grooming/growth pattern is unknown due to this
QY9X6C	Dissimilar	Unknown eyebrows appears to be drawn on with makeup, known is more natural looking, distance apart appears to be closer in the known, distance to eyes appears to be shorter in the known, distance to lateral canthus appears to be closer on the left eye in the known
RJB49C	Similar	The eyebrows of each are similar in shape and style. Unknown appears to have makeup darkening her eyebrows.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known eyebrows are more scarce.
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67NZZ	Inconclusive	
U8BE68	Dissimilar	brows appear to have a similar contour along the brow ridge - growth pattern appears to differ, unknown appears to be thicker and more squared off on edges
UGXDTR	Dissimilar	similar color; similar shape and contour; the known has a small facial mark above the left eyebrow that is not present in the unknown; different irregular growth pattern present in unknown towards lateral ends compared to known; distance between eyebrows and eyes is different between the individuals
VGDWFB	Dissimilar	Hair details (color)
WK96YB	Inconclusive	
X2TF24	Dissimilar	Eyebrows appear dissimilar in thickness and texture; dissimilar in where they begin in relation to the eyes; dissimilar width apart; appears U has makeup on eyebrows
Z9L8L3	Dissimilar	The eyebrows are both similar in size and appearance. The unknown's is heavily penciled so growth is a little hard to determine. Known's eyebrows appear a little longer.
ZCKK6L	Similar	dark color, thickness, length, and straight medial end shape with a drastic curved shape at the lateral ends is similar; the distance above the eyes and the distance from the corner of the eyes to the lateral ends is greater for the unknown; approx. distance between the medial ends and from the lateral ends to the hairline is similar; known has a facial mark above the center of the left brow and a short linear scar at the lateral end of the left brow; known's brows slightly darker but this can be attributed to application of makeup

Features Observations Response Summary - Q12 Eyebrows		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	15 (24.2%)	
Dissimilar	39 (62.9%)	
Inconclusive	8 (12.9%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q12: Table 4.12(g) - Eyes

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Upper eyelid creases are dissimilar, more sunken in on the unknown. Knowns eyes are more prominent. The shape of the eyes are similar. Known appears to have on makeup.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The shape of the superior palpebral crease on the top eyelid is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has more of the upper eyelid visible. Unknown has more creases under eyes and at outer corners of eyes. Unknown skin above eyes is puffier.
8BND4V	Dissimilar	Unknown(2) is wearing more/darker makeup around eyes; Known(1) appears to have rounder lower curve to shape of medial canthi, appears more angular for Unknown(2); Unknown(2) has more visible creases under eyes which can be from age difference; superior palpebral creases of Known(1) appear to curve further toward medial canthi than those of Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	eye shapes and sizes are different, iris size is different, interpupillary distance is different, under eye lines are different, medial canthus shapes are different, eyelid sizes are different
9WM27B	Dissimilar	eye color appears similar. eye fissure, protrusion of the eyes, shape and slope of medial and lateral canthus' are dissimilar. intercanthal distance is dissimilar. visibility of upper eyelid is dissimilar. protrusion of lower eyelids is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Intercanthal distance; Interpupillary distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil;; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Eyeball prominence; Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening, irregularity of iris; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry Not comparable: Lash characteristics
A8F4MA	Dissimilar	Intercanthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, right and left eyeball prominence, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Dissimilar	Makeup. Eyefissure. Right eye on known is more protruding.
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	

Image Set Q12: Table 4.12(g) - Eyes

WebCode	Observation	Feature Notes
BF6CMR	Dissimilar	much wider set in known subject, different shape
BGZVPT	Dissimilar	Knowns eyes are rounder and has amore pronounced superior palprbral crease
BVKBTR	Dissimilar	iris size seems smaller on known. hard to compare due to makeup eyeliner. underside dark circles on known are deep creases on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Known appears to have thicker eyelids than the unknown. Unknown is wearing makeup.
E2YXFT	Dissimilar	Different gaze, bigger and more protruding on known image
E7JQ38	Dissimilar	Dissimilar eye fissure shape, eyelid height, medial canthus, visible sclera and relative distance.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Unknown wearing makeup. Known has larger intercanthal distance, less space between the eye fissure and eyebrows, more visible sclera, and more eyeball prominence.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Eye fissure is similiar but known has a wider distance between the upper lid and the superior palpebral crease.
HVURP4	Dissimilar	Both have almond shaped eyes, but the knowns are wider open than that of the unknow. The upper lid crease is wider in the known image than that of the unknown. There appears to be a line/crease/scar on the outer edge of the known image –right brow that is not present in that of the unknown image.
J4778Z	Dissimilar	different shape, sclera, and upper eyelids
JEFCV2	Dissimilar	creases dissimilar throughout images, mark in unknown above upper crease which is not visible in known, crease/potential scar on lateral side of known which is not visible in unknown
KCVE8G	Dissimilar	Both known and unknown images have very dark, almost black irises. The circumference of unknown's cornea, iris and pupil is larger than unknown. There are visible creases/crow's feet at the corners of each right and left eye in the unknown subject that are not visible on known subject. There is a small diagonal line/scar/mark on the lateral or tail end of known's left eyebrow that is not visible on unknown's left eyebrow.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	

Image Set Q12: Table 4.12(g) - Eyes

WebCode	Observation	Feature Notes
LYMV82	Dissimilar	both have deep superior palpebral creases but with smaller upper lids above them compared to Unk. K has no crows feet but has large, protruding dark eyes. Unk has makeup, deep superior palpebral creases and larger lids above the crease along with inferior palpebral creases and crows feet.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The eyes appear to be smaller on the unknown. The known appears to have more visible sclera on both eyes. The intercanthal distance appears to be wider on the known. The medial canthi appear to be thicker on the known. The lateral canthi of both eyes appears to be higher on the known. There is a similar sagging/bags under the eyes on both subjects. The fissures of the eyes appear to be similar except for the medial portion
QFUJLW	Dissimilar	Similar in shape. Medial canthus is not similar in shape/size. Lateral canthus is similar in shape/size. Periorbital creases are not similar in shape/quantity. Inferior palpebral crease is not similar in size/shape. Superior palpebral similar in size/shape/location. Unknown has a dimple on right eye that is not similar in location
QKRZZB	Dissimilar	The eye shape appears to be dissimilar between the probe and candidate. The shape of the medial and lateral canthus of the left and right irises appear to be dissimilar.
QT8L8U	Dissimilar	Presence of the sclera in both eyes, fissure on both eyes, eye projection of both eyes appear dissimilar. The known's eyes project more
QY9X6C	Dissimilar	Crows feet in the unknown are visible but not in the known, mark above the right eye in the unknown that is not visible in the known, upper eyelids are larger in the known, superior palpebral creases are longer in the known, inferior palpebral creases are close to the eye in the known, medial canthus on the right eye of the unknown slants downwards where the known is straight across, the medial canthus shape/size is dissimilar, sclera size is larger in the known
RJB49C	Dissimilar	Known candidate has dark eyes with larger eyelids below folds. Unknown also has dark eyes, but smaller visible eyelids below folds. Unknown also has visible creases below eyes.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known upper eyelid has less reveal.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	eyes differ in overall shape - distance from upper eyelid to superior palpebral crease differs - presence of inferior palpebral crease differs - known appears to have indentation crease on the lateral section of the left eye

Image Set Q12: Table 4.12(g) - Eyes

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	similar color; the irises of the unknown appear larger; similar shaped and prominent superior palpebral creases; the unknown has more prominent crow's feet creases; the unknown's inferior palpebral creases appear more flat in shape
VGDWFB	Dissimilar	Upper eyelid (visibility of the crease above the upper eyelid)
WK96YB	Inconclusive	
X2TF24	Dissimilar	Eyes appear dissimilar in overall shape and size; eyeballs appear more prominent in K; periorbital eyelids appear larger on U; upper eyelids appear larger in K, may be due to eyeliner on U; medial canthi appear dissimilar in shape; eyes more rounded in K; more sclera visible in K, may be due to expression; inferior palpebral creases appear dissimilar in shape/length/prominence; periorbital creases on U not visible on K, may be due to expression/aging
Z9L8L3	Dissimilar	Both have brown eyes. Known's eyelids are more exposed. There is a small scar about the known's left eye on the left side that is not observed in the unknown.
ZCKK6L	Dissimilar	approx. intercanthal distance and degree of hoodedness is dissimilar, as the known appears to have a greater distance and eyelids aren't as hooded as the unknown's; unknown's upper lids are significantly thicker than the known's and the right lid possesses a skin colored facial mark directly above the superior palpebral crease; curvature and prominence of the superior palpebral creases is similar; almond shape and small size is similar, however the known's are more prominent in their degree of protrusion; known has larger amount of sclera, smaller irises, and more elongated medial canthi with visible caruncle whereas the unknown has no visible caruncle, larger irises, and less sclera visible; known's inferior palpebral creases are less prominent and more closely follow the curvature of the lower lid; unknown has numerous periorbital creases visible whereas the known doesn't

Features Observations Response Summary - Q12 Eyes		Total Participants: 62
	Response	Percent Reported
	Similar	3 (4.8%)
	Dissimilar	55 (88.7%)
	Inconclusive	4 (6.5%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q12: Table 4.12(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Unknowns cheeks appear to be fuller, possibly due to the difference in expressions.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The shape of the cheek around the cheekbone is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known cheeks are flat with little definition. Unknown cheeks are fuller and have more shape/ definition.
8BND4V	[Not Reported]	cheeks of Unknown(2) appear slightly more pronounced than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	known's cheeks are flatter with not much contour in them, whereas unknown's cheeks are protruding more with contouring in middle of them
9WM27B	Dissimilar	height and fullness of cheeks is dissimilar. Unknown has more round/bulbous cheeks.
A4GTRA	[Not Reported]	Dissimilarities include: Cheekbone prominence; Cheek shape Not comparable: Dimples
A8F4MA	Dissimilar	Right and left cheekbone
A9BMPB	Dissimilar	Unknown has fuller cheeks.
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	rounder in unk subject, deeper lines for unk subject
BGZVPT	Dissimilar	Unknown has fuller cheeks
BVKBTR	Dissimilar	puffier cheeks on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Unknown appears to have slightly fuller cheeks than the known.
E2YXFT	Dissimilar	Higher cheekbones and more off tissue on unknown image
E7JQ38	Dissimilar	Dissimilar cheek prominence and fullness.

Image Set Q12: Table 4.12(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Dissimilar	Unknown has fuller and more rounded cheeks. Known's cheek outer perimeter is more flat and less full.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown has fuller cheeks with more prominent cheek bones
HVURP4	Dissimilar	Cheeks of the unknown image are fuller and wider than that of the known image. Also, the known image has several facial markings that are present that are not on the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	unknown cheeks more rounded, shape between both images dissimilar, various marks present in both images which do not correspond in location, coloring, or relationship to other features
KCVE8G	Dissimilar	The nasolabial folds are inconsistent in number, length and placement between the unknown and known images. Unknown's cheeks are fuller, higher and rounder than known's cheeks.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	K has more pronounced zygomatic bones but Unk has fuller cheeks. K has several facial markings on L cheek not in common with Unk. K has facial markings on R cheek (possible scars) not in common with Unk's two facial markings on R cheek.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The cheekbone area appears to be more pronounced on the unknown. The cheeks appear to be fuller on the unknown whereas the known angle toward the chin.
QFUJLW	Dissimilar	Not similar in shape/size/fullness/prominence.
QKRZZB	Dissimilar	The fullness of the cheeks appears to be dissimilar between the probe and candidate. The candidate appears to have fuller cheeks compared to the probe.
QT8L8U	Dissimilar	Soft tissue of the right and left cheeks on the unknown appears to be more plentiful and therefore dissimilar than that of the known
QY9X6C	Dissimilar	Unknown cheeks are fuller, overall cheek size appears to be larger in the unknown, marks throughout the known's cheeks are not visible in the same location on the unknown
RJB49C	Dissimilar	Known has flatter narrower cheeks than unknown, who has fuller, rounder cheeks.

Image Set Q12: Table 4.12(h) - Cheeks

WebCode	Observation	Feature Notes
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known's cheeks are more projected.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	cheeks of the unknown appear to be more rounded and full - facial marks appear to be present on both subjects but do not line up
UGXDTR	Dissimilar	the unknown's cheeks appear more full; there are several facial marks present on the known's cheeks that are not present on the unknown
VGDWFB	Dissimilar	Cheekbone, cheek shape
WK96YB	Dissimilar	
X2TF24	Dissimilar	Cheekbones appear more prominent in U; cheeks appear fuller in U; appears dimples present in U, may be due to expression
Z9L8L3	Dissimilar	Cheeks are rounded in both. There are facial marks in the known that are not present in the unknown.
ZCKK6L	Dissimilar	overall shape and large size is similar, however the unknown's are fuller, rounder, and cheekbones are more prominent; known has several scar-like marks present on the right cheek, a facial mark along the upper portion of the left cheekbone, and two facial marks on the lower portion of the left cheek, whereas the unknown has two facial marks on the lower portion of the right cheek parallel to the nasolabial fold

Features Observations Response Summary - Q12 Cheeks		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	7 (11.5%)
	Dissimilar	51 (83.6%)
	Inconclusive	3 (4.9%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q12: Table 4.12(i) - Nose

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Tip of the known nose is more bulbous. Unknowns nasal body is longer. The opening of the knowns nostrils is smaller and more rounded.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The nose shape is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown bridge of nose appears longer and skinnier than known. Area between nostrils is flatter on known and protrudes slightly on unknown.
8BND4V	Dissimilar	Known(1) has smaller/more rounded nostrils compared to Unknown(2) which has slightly larger/more oval nostrils; thickness of left/right alae of Known(1) appears thicker than Unknown(2); columella appears to round more downward for Unknown(2) than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	nasal root width and indentation are different, nasal body with and bone structure are different, nostril shapes and ala shapes are different
9WM27B	Dissimilar	length and width of nasal body is dissimilar. thickness of columella is dissimilar. shape and thickness of alae are dissimilar. shape of nostrils is dissimilar. where alae connect to nasal base are dissimilar. overall width of nasal base is dissimilar. shape of nasal tip is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Nasal outline: shape, length, width, prominence; Nasal root: width, length, shape, depth, angle; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape, size; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Dissimilar	Nasal outline, Nasal root (bridge), Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose), Nasal base: nostrils (nasal openings), Nasal base: columella
A9BMPB	Dissimilar	Nasal base, inward vs outward. Shape of nostrils, thickness alae, body of nose is more narrow on unknown.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk subject has longer, thinner nose. Different nostrils
BGVZPT	Dissimilar	Unknown has a longer nose; known has rounder nostrils
BVKBTR	Dissimilar	higher more flared nostrils on unknown. center lower on unknown, right nostril similar but right is closer in and lower center of nose is wider on unknown.
BYKLNK	Dissimilar	

Image Set Q12: Table 4.12(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	columella, bridge, alae differ
D3D3DQ	Dissimilar	Known's nose appears shorter and marks on known's nose is not observed on the unknown.
E2YXFT	Dissimilar	Bridge of the nose in shorter, columella less prominent and alae wider on known image, also the shape of nostrils is different on both images
E7JQ38	Dissimilar	Dissimilar bridge, width, length, body, tip shape, columella shape and attachment, alae shape, nasal base and nostril angle.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Unknown has a more prominent nasal body and defined nasal root. Known has a shorter nose with a shallow nasal root and body with possibly a bit of an upturn to the nasal tip which is more prominent than the rest of the nose. The width and size of the nasal base is similar. The shape of the nostrils and appearance of the columella is dissimilar (alar attachment is lower than the columella in the Known and alar attachment is higher than the columella in the Unknown).
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has a shorter nasal body and thicker alae.
HVURP4	Dissimilar	The known images bridge of the nose is shorter and flatter at the upper portion (nearest the eyes) The nostril shape is more round on the known image and slightly triangular on the unknown image. There is a mark in the center of the bridge of the nose in the upper region- near the eyes.
J4778Z	Dissimilar	different nostril shapes and one is more bulbous than the other
JEFCV2	Dissimilar	nostrils and nasal tip differs in shape and angle, bridge of unknown is thinner
KCVE8G	Dissimilar	The nasal body of unknown is longer and narrower than the known. The nasal base of the known and unknown subjects is inconsistent in size, shape and width. The size and shape of the columella is larger on unknown than on known subject. Unknown's columella is wider and longer than known's columella. Unknown's nostrils flare up and out which is dissimilar to known's smaller nares, flat nasal base and round nostrils. The columella of the unknown image is also lower than the nostrils while known's columella is higher than the nostrils. The root of known's nose has an inward curve while the root of unknown's nose protrudes outward.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	K has a shorter nose and a high set nasal base with thick ala and small nostrils and two small facial markings. Unk has a longer nose with a defined nasal body, larger nostrils, a flatter nasal base and a thinner nasal tip.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	

Image Set Q12: Table 4.12(i) - Nose

WebCode	Observation	Feature Notes
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The nasal root appears to be indented on the known but not the unknown. The nasal body appears to be more pronounced and thinner on the unknown. The nasal tip appears to be more bulbous on the known. The ala appear to be thicker on the known and the nostrils appear to be more angled on the unknown.
QFUJLW	Dissimilar	Nasal root is not similar in width. Nasal body is not similar in thickness/width/shape/contour/. Similar in length. Nasal tip not similar in size/shape. Nostrils are not similar in size/shape. Ala are not similar in size/shape/thickness. Columella is not similar in size/shape/width
QKRZZB	Dissimilar	The length of the candidate nasal body is longer than the probe. The shape of the nostrils between the probe and candidate appears to be different. The nostrils of the probe appear to fold inwards, while the candidate's flare out. The shape of the columella appears to be different. The columella of the candidate appears to be thicker than the probe.
QT8L8U	Dissimilar	Nasal body length and width of the unknown appears slimmer than that of the known. The shape of the nostrils and the way the alae connect to the base of the nose on the unknown appears dissimilar than that of the known. Also, the thickness of the alae of the unknown's alae is much thinned than that of the known
QY9X6C	Dissimilar	Length is longer in the unknown, nasal root is wider in the known, the nasal root also looks like its sunk in on the known, mark on nasal root in the known that is not visible in the unknown, nasal base is wider in the known, nostril shape/size is dissimilar – the known is more round, columella is larger in the unknown and protrudes outward, ala is thicker in the known, nasolabial folds are dissimilar in length/locations
RJB49C	Dissimilar	Nose of known has nostrils which extend lower than columella. Unknown has the opposite, with a more prominent columella.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known's columella is farther down/slower than the nostrils, while unknown's is higher or above the nostrils.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	shape of the columella differs - prominence of the nasolabial folds differs - shape of the alae differs
UGXDTR	Dissimilar	the unknown appears to have a more elongated nose; the unknown's nasal bridge appears more defined and prominent than the known's; the known has a prominent facial mark towards the nasal root that is not present on the unknown; the nostril size and shape is different; the nasal alae shape and attachment appears different
VGDWFB	Dissimilar	Overall shape , nasal opening (shape, symmetry)
WK96YB	Dissimilar	

Image Set Q12: Table 4.12(i) - Nose

WebCode	Observation	Feature Notes
X2TF24	Dissimilar	Nasal root appears more protruded and wider in U, appears more shallow in K; nose appears longer in U; nasal tip appears more rounded in U; columella appears farther extended in U, wider in K; alae appears thicker in K; nostrils appear dissimilar in size/shape/asymmetry; marks on nose in K, not visible in U
Z9L8L3	Dissimilar	Noses are quite different. The known's is noticeably shorter and the columella sits inward from the nostrils where the unknown's is outward. The nasal tip is smaller in the unknown.
ZCKK6L	Dissimilar	overall shape is similar, however size is dissimilar as the knowns is smaller and does not protrude as much; known's nasal root is narrower and shallower than the unknown's and possesses a small facial mark in the center, whereas the unknown's doesn't; nasal body shape is similar however the unknown's is narrower, longer, and more prominent; nasal base width is similar, however the known's nasal tip is more bulbous and the columella shape is a squared "u" shaped whereas the unknown's columella is larger and more of a rounded "v" shape; rounded shape of the alae is similar, however the known's are thicker; nostril shape is dissimilar, as the known's are round whereas the unknown's are more of a slanted tented shape; nasolabial folds are dissimilar, as the known's are a linear shape and are diagonal in orientation/ directionality, are faint, shorter, and end further away from the corners of the mouth, whereas the unknown's right is subtly curved and the left is tented in shape, more prominent, they extend beyond the corners of the mouth, and are in a closer proximity to the mouth

Features Observations Response Summary - Q12 Nose		Total Participants: 62
Response	Percent Reported	
Similar	1 (1.6%)	
Dissimilar	61 (98.4%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q12: Table 4.12(j) - Ears

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Unable To Compare	Unable to compare, mostly covered on the known.
3UFTE6	Unable To Compare	
44J8XH	Not Applicable	
474EX6	Unable To Compare	The ears cannot be compared as it is not visible.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Small portion of ear lobes is visible on known. Unknown ears are partially visible.
8BND4V	Unable To Compare	difficult to compare details of ears due to angle and from being covered by hair, particularly for the Known(1)
8FHAQ2	Unable To Compare	known one's ears are covered under hair
8T7EYX	Inconclusive	
9NAAFD	Inconclusive	unable to see much of known's ears other than part of lobes, the left lobe appears different shaped than unknown's
9WM27B	Unable To Compare	did not compare ears due to obstruction by hair in known image.
A4GTRA	[Not Reported]	Similarities include: Lobe: size, shape, attachment Not comparable; Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Lobes are the only visible feature. Shape of left lobe. Right side not enough information. Challenging pitch on unknown.
AE2ZQY	Unable To Compare	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	
BGVZPT	Unable To Compare	Unable to see knowns
BVKBTR	Dissimilar	lobes seem higher on unknown, ear position seems off (lower on head than known)
BYKLNK	Unable To Compare	
CBAKDA	Dissimilar	
D2JEVW	Unable To Compare	

Image Set Q12: Table 4.12(j) - Ears

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Most of the known's ears are covered by hair.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears are insufficiently resolved for assessment.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Inconclusive	Not fully visible for comparison. Earlobes sit higher on the head in the Known and lower on the head in the Unknown (potentially due to subtle differences in pitch).
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Dissimilar	Only a small portion of the lobe is visible and they are both pierced. Lobe is lower on the face of the unknown
HVURP4	Unable To Compare	Very minimal portion of the lobes is visible, but not enough to make a decision on.
J4778Z	Unable To Compare	
JEFCV2	Dissimilar	lobes do not appear similar in shape or curvature
KCVE8G	Unable To Compare	Not visible enough for comparison purposes in known image.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	Not comparable other than both have one visible set of piercings in each lobe.
MMPAFW	Inconclusive	
MX9NJY	Unable To Compare	
NPD6JF	Dissimilar	
PT369V	Not Applicable	
QCV8PW	Inconclusive	The general position of the lobes appears to be higher on the known however this and the rest of the sub features on the ear cannot be compared due to obstruction.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared
QT8L8U	Unable To Compare	
QY9X6C	Dissimilar	Knowns ears are covered by hair except for some of the ear lobe, knowns ear lobes do not protrude outward like the unknowns, known has hoop earrings in and the unknown has studs in
RJB49C	Unable To Compare	Ears of known are not visible for comparison.

Image Set Q12: Table 4.12(j) - Ears

WebCode	Observation	Feature Notes
RTFBMC	Unable To Compare	both peirced but not enough area visible for comparison
T9A37R	Unable To Compare	
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	not visible on the known
UGXDTR	Not Applicable	unable to compare due to hair covering; both individuals have their ears pierced
VGDWFB	Not Applicable	
WK96YB	Unable To Compare	
X2TF24	Inconclusive	Ears appear to be pierced in both; other external characteristics not visible in K for comparison
Z9L8L3	Unable To Compare	There is not enough ear showing to conduct a complete comparison.
ZCKK6L	Unable To Compare	due to the known's hair completely covering them

Features Observations Response Summary - Q12 Ears		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.2%)
	Dissimilar	8 (12.9%)
	Inconclusive	10 (16.1%)
	Unable to Compare	36 (58.1%)
	Not Applicable	6 (9.7%)

Image Set Q12: Table 4.12(k) - Mouth

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Fullness of the lips are similar. The curvature of the lips are somewhat similar, cupid's bow wider on the known. Fissure has a similar opening. Marionette lines are found in similar locations
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The mouth shape is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown upper lip is thinner than lower lip. Known upper lip is approximately same fullness as bottom lip. Known has a wide cupid's bow, with right side point higher than left. Unknown has a small cupid's bow.
8BND4V	Dissimilar	Unknown(2) appears to have sharper shape to cupid's bow than Known(1) which appears to have wider shape to cupid's bow; left peak of Known(1)'s cupid's bow appears to have higher peak than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	top lip and bottom lip shapes are different, mouth ends are different, fissure of mouth is different
9WM27B	Dissimilar	overall mouth shape is dissimilar. Upper vermilion boarder is dissimilar, as well as lower vermilion boarder. Thickness of upper and lower lips are both dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermilion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermilion border shape, detail; Lip fissure: shape, degree of contact, angle; Asymmetry Not comparable;; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Dissimilar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Dissimilar	Shape. Tilt. Cupids bow.
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	top lip has different shape
BGZVPT	Dissimilar	Unknown has a wider philtrum and thinner lips
BVKBTR	Dissimilar	cupid bow different sizes. could be due to lipstick.
BYKLNLR	Dissimilar	

Image Set Q12: Table 4.12(k) - Mouth

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Lip shape and fullness of bottom lip appears different.
E2YXFT	Dissimilar	Lower lip is similar, but upper lip has more distinguishable asymmetry on known image
E7JQ38	Dissimilar	Dissimilar mouth asymmetry, lower lip shape and philtrum prominence.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Unknown might be wearing lip liner which could change the appearance of the vermillion border. Known philtrum appears longer. Dissimilar mouth shape, but somewhat similar size. Known's upper vermillion border has a rounded cupid's bow, and the Unknown potentially has a more angular cupid's bow.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Similar width. Unknown has a fuller bottom lip. Known has an upper lip that slightly raises on the left side. Unknown has little creases on the outside of the mouth
HVURP4	Dissimilar	The upper lip of the known image is bumpy in the cupid's bow area while the unknown's is not. The upper lip of the known image appears wider. There is a visible ring above the upper lip of the unknown image that is not visible on the
J4778Z	Dissimilar	different upper vermillion border
JEFCV2	Dissimilar	upper lip is not same size, shape, or contour. nasolabial creases dissimilar in location and curvature
KCVE8G	Dissimilar	The upper lip of the known subject is wider than unknown subject's upper lip. The contour of the upper vermillion border is asymmetrical with the left half of the upper lip being higher than the right half in the image of the known subject. The upper vermillion border in the unknown image has a consistent sloping curve from left oral commissure to right oral commissure. The lower lip of the unknown image is dissimilar in shape to the known image's lower lip. There is a fine line, mentolabial crease that is visible in the unknown image and not visible in known image. The melomental folds are deeper, longer and inconsistent in placement between the known and unknown images.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Both have downturned corners of the mouth but Unk has a very narrow philtrum whereas K has a wide philtrum and a slight upwards skew of the L side of mouth. Unk has more pronounced nasolabial creases.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	

Image Set Q12: Table 4.12(k) - Mouth

WebCode	Observation	Feature Notes
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The upper vermillion borders appear to be opposite with the left of the known being higher and the right of the unknown being higher. The upper lip appears to be thinner on the unknown however this could be due to expression or age. The lower lip appears to protrude more on the known. The unknown appears to have a wider fissure however this could be due to expression. The color of the lips appears to be darker on the unknown however this could be due to makeup.
QFUJLW	Dissimilar	Vermillion border is not similar in shape. Lips are not similar in size/shape/color.
QKRZZB	Dissimilar	The overall shape of the mouth appears to be dissimilar between the probe and candidate. The upper and lower vermillion border appears to follow a different path. The mouth fissure between the probe and candidate appears to be different.
QT8L8U	Dissimilar	Thickness of the upper and lower lips, line of the upper and lower vermillion borders, and fissure appears dissimilar
QY9X6C	Dissimilar	Marionette lines are dissimilar in shape/size/location, upper and lower vermillion border is dissimilar, upper lip is fuller in the known, bottom lip is fuller in the unknown, shape of mouth is dissimilar, width of mouth is smaller in the unknown, cupid bow is dissimilar in the shape – the known has more of a widened U shape and the unknown has a dip, fissure of the mouth is dissimilar
RJB49C	Dissimilar	Known has fuller upper lip with wider dip in the middle. Unknown has thinner upper lip with only slight dip.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown upper vermillion boarder is less defined.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	general shape of the vermillion border differs - buccal creases around the mouth differs
UGXDTR	Dissimilar	mouth size appears similar; the shape of the upper lip appears different with a wider spread between the upper lip alae; the unknown's lip fissure extends further laterally and angled further downward than the known; the known appears to hae a wider philtrum than the unknown
VGDWFB	Dissimilar	Overall mouth (shape), upper vermillion border shape
WK96YB	Dissimilar	
X2TF24	Dissimilar	Distance from nasal base to upper lip appears longer in K; philtrum appears more protruded and wider in K; upper vermillion border appears dissimilar in shape; upper lip appears dissimilar in shape/fullness; lower lip appears dissimilar in fullness; lower vermillion border appears dissimilar in shape and protrusion; lips appear dissimilar in tone and texture; mentolabial sulcus appears dissimilar in shape and more prominent in U

Image Set Q12: Table 4.12(k) - Mouth

WebCode	Observation	Feature Notes
Z9L8L3	Dissimilar	Known has a wider cupid's bow than unknown and upper lip is fuller. Unknown's mouth appears smaller.
ZCKK6L	Dissimilar	overall shape and degree of protrusion is dissimilar; philtrum is dissimilar in shape, as the known's is fan shaped and shallower whereas the unknown's is tear-drop shaped and more prominent; unknown has larger area between nasolabial folds than known; known's upper vermilion border is asymmetric with the left side taller than the right, whereas the unknown's is more symmetrical in height and rounded in shape, however both left sides are similar in their slanted shape; the unknown's lower lip is symmetrically curved and significantly fuller than the known's, however the known's protrudes to a greater degree; the mentolabial sulcus curvature and prominence is similar, however the known's is closer to the lower vermilion border and slightly longer; curved fissure shape is similar, however the unknown's lines are extended beyond the mouth and the right side is aligned higher whereas the known's left side is higher; lip color is dissimilar, but this could be attributed to the unknown's makeup; the marionette lines are similar in diagonal shape and length, however the unknown's left one is longer

Features Observations Response Summary - Q12 Mouth		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	1 (1.6%)	
Dissimilar	59 (95.2%)	
Inconclusive	2 (3.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q12: Table 4.12(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Chin is similarly rounded on both subjects. Mentolabial sulcus has a similar prominence and found in similar locations.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Similar	The jawline is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a small protruding chin with a jaw line that curves upward
8BND4V	Similar	both appear to have round curve to jawline
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	jawline roundedness is different, chin shape and protrusion/size is different
9WM27B	Dissimilar	unknown has a wider jaw line, known has a more bulbous chin. depth of mentolabial sulcus is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Dissimilar	Chin
A9BMPB	Similar	Unknown is wider and sits higher.
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	both are round
BGZVPT	Similar	Both have rounded jawline and similar shaped chins
BVKBTR	Inconclusive	similar chen shape, possible weight/age difference
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Similar	
D3D3DQ	Dissimilar	Shape appears similar but jaw appears a little wider in the unknown than the known.
E2YXFT	Similar	Similar shape

Image Set Q12: Table 4.12(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar jawline shape and angle and chin shape.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Similar rounded chin shape and jaw angle.
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Similar	Similar jaw lines and mentolabial sulcus.
HVURP4	Dissimilar	The unknown is fuller and wider across the entire chin and jawline area. The marionette lines/creases on the unknown image extended further down on the chin area than that of the known image. Both images have similar downturned mentolabial creases.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	more rounded tip in unknown image, multiple marks in known image which are not visible in unknown
KCVE8G	Dissimilar	Unknown has a wider, broader jawline than known. The gonial angle is inconsistent between known and unknown images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both have rounded chins but Unk has a heavier jawline, possibly due to weight. K has three visible facial markings on chin not in common with Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Dissimilar	The chin appears to have a similar round/soft shaping however the knowns appears to be more pronounced. The jawline appears to be more angled on the known and more rounded on the unknown.
QFUJLW	Similar	Chin is similar in size/shape. Gonial angle is similar in size/shape
QKRZZB	Dissimilar	The contour of the jawline appears to be similar between the probe and candidate.
QT8L8U	Dissimilar	Shape of the chin appears similar but the jawline appears dissimilar
QY9X6C	Dissimilar	Jawline is shorter in the known, chin is smaller in width in the known, mentolabial sulcus is dissimilar in shape/size/location, marks on the chin in the known are not in the same location as the unknown, length of chin is longer in the unknown, unknown chin protrudes outward more, both have a double chin but the unknown is narrower
RJB49C	Inconclusive	Both known and unknown have similar chin and jawline shapes. Freckles differ between the two.

Image Set Q12: Table 4.12(I) - Chin/Jawline

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Dissimilar	Known has a wider and more defined jawline.
TLDKJC	Similar	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	chin region appears to be similar - jawline of the unknown appears to be more rounded
UGXDTR	Dissimilar	the shape of the jawline and prominence/shape of the chins appears similar; there are various facial marks present on both individuals that are not consistent/similar; the known appears to have more of a double chin than the unknown
VGDWFB	Dissimilar	Overall shape of chin
WK96YB	Inconclusive	
X2TF24	Dissimilar	Chin appears larger in U; similar in shape; jawline appears similar in shape, dissimilar in width
Z9L8L3	Inconclusive	Both have rounded chins and wider faces. No striking dissimilarities noted aside from the lack of agreement in facial marks.
ZCKK6L	Similar	curved shape, length, and prominence of the jawline is similar, however the unknown's gonial angle appears to be greater; round shape and prominence of the chin is similar, however the known's is narrower and shorter and possesses four facial marks in a relatively linear pattern, whereas these are either not present or visible on the unknown

Features Observations Response Summary - Q12 Chin/Jawline		Total Participants: 62
Response	Percent Reported	
Similar	27 (43.5%)	
Dissimilar	29 (46.8%)	
Inconclusive	6 (9.7%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q12: Table 4.12(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Arrangement of the creases on the neck is dissimilar. The width of the neck appears to be similar. Known an extra fold under the chin, not found on the unknown.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The positions of the wrinkles on the neck is dissimilar.
4EKVRZ	Similar	
4NN6W4	Inconclusive	
6VNPYY	Dissimilar	Neck creases on known are closer to chin than chest. Neck creases on unknown are closer to chest and spaced further apart than those on known. Both subjects have a facial mark in a similar place on the neck--low, just off center to the right.
8BND4V	Dissimilar	difference in distribution and curve of visible neck wrinkles; neck wrinkle for Unknown(2) appears to have longer more angular curve while Known(1) appears to have rounder curves
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	neck lines are different in position and curvatures
9WM27B	Dissimilar	height and width of neck is similar, however neck lines are dissimilar in placement depth and length. facial marks observed on each neck are dissimilar in placement size and color
A4GTRA	[Not Reported]	Similarities include: Overall neck: width, height, details Not comparable: Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Similar looking width, dissimilar shape and outline.
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	wrinkles are different
BGZVPT	Dissimilar	Lines and marks do not line up
BVKBTR	Inconclusive	unknown much more neck size gobbler, possibly age related.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Lines and marks on neck appear in different positions.

Image Set Q12: Table 4.12(m) - Neck

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar width
E7JQ38	Dissimilar	Dissimilar neck width.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known's neck is longer with a double chin. Unknown's neck is shorter with a wattle.
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar width. Freckles on the left side of the neck are in similar locations.
HVURP4	Dissimilar	The neck of the unknown is wider/thicker. There are 2 prominent creases on the neck, but they are not consistent in location. The markings on the neck do not match up in location.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	creases and marks present in both images do not appear to relate in location, shape, or relationship
KCVE8G	Dissimilar	Unknown has more weight under the chin and around the neck than does the known subject. The skin under unknown's chin and neck comes down in the form or shape of a "V" which is inconsistent with the shape under the known image's chin. Both known and unknown images have a neckline that spans across the front of the neck that is dissimilar in contour.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has neck line much lower on the neck than K. K has several neck lines visible and facial markings not in common with Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The neck appears to be thicker on the known. The subjects both present with neck wrinkles however they are not in similar amount, contour, or positioning.
QFUJLW	Dissimilar	Similar in width. Not similar in shape. Neck wrinkles are not similar in shape/quantity.
QKRZZB	Dissimilar	Neck wrinkles on the probe and candidate do not line up.
QT8L8U	Dissimilar	Thickness of the neck appears similar, but the placement of the horizontal neck lines appear dissimilar

Image Set Q12: Table 4.12(m) - Neck

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Neck creases are visible in both but in different locations, marks throughout the neck on the unknown are not in the same location on the known, width of neck appears to be wider in the unknown, height is longer in the known
RJB49C	Dissimilar	Known has a slightly narrower neck than unknown. Neck creases are not in corresponding locations.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has a bit of a wattle to the neck area.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	both subjects appear to have creases in the neck, do not appear to be consistent between subjects - difference in facial marks in the neck region
UGXDTR	Dissimilar	the relative neck width appears similar; both individuals have neck creases, but their prominence and location is not similar; both individuals have various facial marks present that are not consistent/similar with each other
VGDWFB	Dissimilar	Double chin, wrinkles
WK96YB	Inconclusive	
X2TF24	Dissimilar	Neck appears wider in U; creases present on both in dissimilar location/prominence; marks appear dissimilar in location/quantity/color; K appears to have double chin
Z9L8L3	Dissimilar	Known has a slight double chin and unknown does not, but could be due to camera angle. both have neck creases and facial marks, but are different than each other.
ZCKK6L	Dissimilar	width and short length is similar, however the musculature is dissimilar, as the unknown's neck is thicker; the unknown has 2 parallel neck creases, with the upper one being deeper and more prominent, and several facial marks/ scar-like marks throughout the entire neck that are not present on the known; the known has four facial marks scattered throughout, but mostly on the left side, and two neck creases, which bifurcate in multiple locations, that aren't as deep as the unknown's

Features Observations Response Summary - Q12 Neck		Total Participants: 62
	Response	Percent Reported
	Similar	10 (16.1%)
	Dissimilar	42 (67.7%)
	Inconclusive	8 (12.9%)
	Unable to Compare	1 (1.6%)
	Not Applicable	1 (1.6%)

Image Set Q12: Table 4.12(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Dissimilar	Can see a shadow of a mustache on the unknown, not found on the known.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Dissimilar	Unknown appears to have some fine facial hair above her upper lip. No facial hair visible on known.
8BND4V	Not Applicable	
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Not comparable: Above upper lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Below lower lip: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Dissimilar	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	IS that a line of facial hair on the unknown?
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	Possible facial hair observed on upper lip of unknown, not observed on known.

Image Set Q12: Table 4.12(n) - Facial Hair

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	None noted
FG99H7	Not Applicable	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	unknown has a thin line of facial hair above the upper lip
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Unable To Compare	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has a light mustache.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q12: Table 4.12(n) - Facial Hair

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed
VGDWFB	Inconclusive	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	None noted
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q12 Facial Hair		Total Participants: 61
Response	Percent Reported	
Similar	2 (3.3%)	
Dissimilar	7 (11.5%)	
Inconclusive	2 (3.3%)	
Unable to Compare	3 (4.9%)	
Not Applicable	47 (77.0%)	

Image Set Q12: Table 4.12(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknown has frontal lines, not found on the known. Nasolabial folds are dissimilar, more prominent and longer on the unknown. Inferior palpebral creases are found in similar locations. Unknown has crows feet, not found on known.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The position of the nasolabial fold is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	[Not Reported]	Lines surrounding noses and mouth are not shaped similarly. Right side line on unknown has an angle just above mouth. See above for other facial lines
8BND4V	Dissimilar	Unknown(2) appears to have more visible frontal lines on forehead; Unknown(2) has more creases under eyes, crow's feet compared to Known(1); Unknown(2) has more creases visible around mouth; nasolabial folds of Unknown(2) more prominent than Known(1), left nasolabial fold of Unknown(2) appears to have sharper angle toward lower end of curve toward the left lateral corner of mouth
8FHAQ2	Dissimilar	unknown one has crow's feet, known does not have
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	nasolabial line positions and curvatures are different, lines from ends of mouth are angled different, other lines are discussed above
9WM27B	Dissimilar	Frontal lines observed on unknown are not visible in known. periorbital creases observed on unknown are not seen in known. nasolabial folds begin and end in dissimilar places.
A4GTRA	[Not Reported]	Dissimilarities include: Frontal lines; Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Infraorbital crease; Mentolabial sulcus; Nasolabial crease; Wrinkles on neck; Marionette lines Not comparable;; Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Circumoral striae; Cleft chin; Buccal creases; Other creases
A8F4MA	Dissimilar	Right and left nasolabial crease/folds, Wrinkles on neck
A9BMPB	Dissimilar	Neck lines, nasolabials.
AE2ZQY	Not Applicable	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	marionette lines different
BGVPT	Dissimilar	Unknown has lines on her forehead
BVKBTR	Dissimilar	lines don't seem to be the same, right side of nose and mouth, left of mouth on known

Image Set Q12: Table 4.12(o) - Facial Lines

WebCode	Observation	Feature Notes
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEV	Dissimilar	
D3D3DQ	Dissimilar	Facial lines on both but in different positions and there are far less on the known than the unknown.
E2YXFT	Dissimilar	Crease on upper eyelids starts from the medial corner and ends at the lateral corner of both eyes on known image, lines on the neck do not match
E7JQ38	Dissimilar	Dissimilar palpebral crease position and shape.
E9D7GU	Dissimilar	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	All lines and creases are dissimilar
FG99H7	Not Applicable	
GM7H34	Similar	
H7ZBPM	Dissimilar	Known has small nasolabial folds that do not reach the mouth. The left side has a crease coming from the corner of the mouth up towards the nose. The unknown has more defined nasolabial creases that both split in to 2 creases near the mouth
HVURP4	Dissimilar	Noted above.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	dissimilar throughout many features
KCVE8G	Dissimilar	previously noted
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Dissimilar	Neck. mouth
QCV8PW	[Not Reported]	The nasolabial lines appear to be more defined on the unknown however this could be due to expression. The unknown appears to have frontal lines that are not visible on the known. The infraorbital lines appear to be angled different on both eyes.
QFUJLW	Dissimilar	Nasolabial folds are not similar in shape/size. Mentolabio sulcus is similar in location/size/shape

Image Set Q12: Table 4.12(o) - Facial Lines

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	Frontal lines of the probe do not line up between the probe and candidate. The nasolabial folds are different in length and depth.
QT8L8U	Dissimilar	The unknown has prominent visible frontal lines on the forehead the known does not appear to have
QY9X6C	Dissimilar	Crease above the upper lip in the unknown that is not visible in the known
RJB49C	Dissimilar	Both have similar nasal folds, but unknown has more prominent creases at corners of the mouth.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has deeper frontal lines where unknown has none.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	mentioned in the eyes, nose, mouth and neck sections
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Dissimilar	Frontal Lines (vertical),periorbital crease
WK96YB	Similar	
X2TF24	Dissimilar	Frontal lines present on U not visible on K; nasolabial folds appear dissimilar in shape and prominence; others aforementioned
Z9L8L3	Dissimilar	The neck creases are the most distinct difference. There are lines in the unknown's forehead that aren't in the known, but could be due to an age difference.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q12 Facial Lines		Total Participants: 59
Response	Percent Reported	
Similar	6 (10.2%)	
Dissimilar	48 (81.4%)	
Inconclusive	1 (1.7%)	
Unable to Compare	0 (0.0%)	
Not Applicable	4 (6.8%)	

Image Set Q12: Table 4.12(p) - Scars

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Dissimilar	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Dissimilar	Known(1) has small scar visible at lateral end of left eyebrow that is not present for Unknown(2)
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Dissimilar	scar on left lateral eyebrow of known is not observed on known.
A4GTRA	[Not Reported]	Nil observed
A8F4MA	Dissimilar	Scar in left brow
A9BMPB	Dissimilar	Scar lateral under left brow on known.
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	There is an area near the hairline on each that is lighter in appearance than the surrounding skin but that may be due to lighting. Regardless, the potential scar is in slightly different positions. Also it seems there may be a scar on the outer left eye of the known that is not observed in the unknown.
E2YXFT	Not Applicable	

Image Set Q12: Table 4.12(p) - Scars

WebCode	Observation	Feature Notes
E7JQ38	Unable To Compare	Unknown: scar on lower neck not visible in the Know due to necklace.
E9D7GU	Dissimilar	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Known has two linear scars under the left eyebrow, a scar under the right outer eye, and faint scars across the upper cheeks. Possible scar above medial right eyebrow.
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Known has a scar towards the lateral side underside of the left eyebrow
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	dissimilar in eyebrow area
KCVE8G	Not Applicable	skin variations are mentioned above
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Dissimilar	Left eye
QCV8PW	Dissimilar	There appears to be scar/marks throughout the face on both subjects however they do not appear to have a similar arrangement, coloration, and shaping.
QFUJLW	Dissimilar	Discussed earlier
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	

Image Set Q12: Table 4.12(p) - Scars

WebCode	Observation	Feature Notes
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Scar appears present near left lateral eyebrow in K, not visible in U
Z9L8L3	Dissimilar	There is a small scar just below the left eyebrow in the known that is not present in the unknown. There is also a small scar (could be from a piercing) or mole on the left side of the mouth in the known that is not present in the unknown.
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q12 Scars		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.3%)
	Dissimilar	17 (27.9%)
	Inconclusive	1 (1.6%)
	Unable to Compare	1 (1.6%)
	Not Applicable	40 (65.6%)

Image Set Q12: Table 4.12(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Inconclusive	makeup
2XLVQ2	Dissimilar	Facial marks on the chin, and left cheek of the known, not found on the known. Unknown possibly wearing makeup. Unknown has mark on the right cheek, not found on the known. Marks on the neck are found on both subjects but the arrangement and locations are dissimilar.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The number of freckles is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has several facial marks that are not present on unknown - above right eyebrow, bridge of nose, right cheek, chin. Unknown has 2 facial marks on left cheek, not present on known. Known is younger in age than unknown.
8BND4V	Dissimilar	Known(1) has more visible facial marks on cheeks/nose/chin compared to Unknown(2); Known(1) has a few facial marks visible on chin below lower lip and one toward lower left of chin not visible for Unknown(2); mark visible toward upper center of left eyebrow of Known(1) not present for Unknown(2); Known(1) has visible marks on left cheek not visible for Unknown(2) while Unknown(2) has facial marks toward lower middle of right cheek not visible for Known(1)
8FHAQ2	Dissimilar	both have skin marks however location of skin marks are different
8T7EYX	Inconclusive	makeup
9NAAFD	Dissimilar	each have marks on face at different positions
9WM27B	Dissimilar	known has several facial marks on the nasal body, left and right cheeks, and chin that are not observed in unknown. unknown has two facial marks on the right cheek that are not consistent in placement color or size.
A4GTRA	[Not Reported]	Dissimilarities include: A number of facial marks observed on both R1 and Q1 however these are inconsistent
A8F4MA	Dissimilar	Skin marks in cheekbone and chin
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known has marks on face not visible in unknown
BGVZPT	Dissimilar	Known has several small brown marks on her cheeks and chin unknown doesn't
BVKBTR	Dissimilar	marks on neck might line up, most on known are not visible on unknown.
BYKLNK	Dissimilar	

Image Set Q12: Table 4.12(q) - Facial Marks

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	They both have facial marks but they are in different positions and there are far less facial marks on the unknown than the known.
E2YXFT	Dissimilar	More moles on known image, which do not match with the ones on unknown image
E7JQ38	Dissimilar	Variation of cheek and neck marks between the Unknown and the known.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	All marks dissimilar. Known has marks around left eye, nose, on cheeks, chin, and neck. Unknown has marks on right cheek and neck and potentially on left nasolabial line.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has more freckles on the face
HVURP4	Dissimilar	Noted above.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	dissimilar throughout both images
KCVE8G	Dissimilar	mentioned above
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	There appears to be scar/marks throughout the face on both subjects however they do not appear to have a similar arrangement, coloration, and shaping.
QFUJLW	Dissimilar	Marking on the face is Not similar in size/shape/location/color. Markings on the neck are not similar in size or shape.
QKRZZB	Dissimilar	Both the probe and candidate appear to have facial marks, but the marks do not line up between each other.
QT8L8U	Dissimilar	None of the facial marks on the face and chin line up with each other between the known and unknown
QY9X6C	Not Applicable	

Image Set Q12: Table 4.12(q) - Facial Marks

WebCode	Observation	Feature Notes
RJB49C	Dissimilar	Freckles are inconsistent between known and unknown candidates.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknknown has several facial marks compared to known.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	mentioned in the cheek and neck sections
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Dissimilar	Moles left cheek,chin,neck
WK96YB	Dissimilar	
X2TF24	Dissimilar	Facial marks present in both are dissimilar in location/color/shape/size/quantity
Z9L8L3	Dissimilar	The facial marks in the known are not in the unknown and vice versa. Several on the known's cheeks
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q12 Facial Marks		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	0 (0.0%)
	Dissimilar	56 (91.8%)
	Inconclusive	3 (4.9%)
	Unable to Compare	0 (0.0%)
	Not Applicable	2 (3.3%)

Image Set Q12: Table 4.12(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	pose, makeup.
2XLVQ2	Inconclusive	Unknown is possibly wearing makeup.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Both have ears pierced and are wearing earrings.
8BND4V	[Not Reported]	Known(1) is wearing gold colored hoop-like earrings while Unknown(2) is wearing smaller stud earrings; Unknown(2) appears to be wearing more noticeable makeup than Known(1)
8FHAQ2	[No observations reported for this feature.]	
8T7EYX	Dissimilar	pose
9NAAFD	Not Applicable	no alterations of note
9WM27B	Dissimilar	makeup/microblading observed in unknown are not observed in known.
A4GTRA	[Not Reported]	Piercing - similar both R1 and Q1 have the lobes pierced
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	both have periced ears.
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Similar	Both have pierced ears.
E2YXFT	Dissimilar	Heavy makeup on unknown image, pierced ears on both images
E7JQ38	Not Applicable	Alterations not observed.

Image Set Q12: Table 4.12(r) - Alterations

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	[No observations reported for this feature.]	
EYNFWN	[Not Reported]	Unknown is wearing makeup
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Both have pierced ears
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	different hairstyles, makeup, and jewelry
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Marks
PT369V	Dissimilar	facial expression
QCV8PW	Similar	Jewelry on both subjects.
QFUJLW	[No observations reported for this feature.]	
QKRZZB	Not Applicable	
QT8L8U	Dissimilar	It appears the unknown has the brown microbladed
QY9X6C	Dissimilar	Unknown has makeup throughout face where the known is more natural
RJB49C	Not Applicable	
RTFBMC	Inconclusive	noticeable make-up in unknown
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67Nzd	Not Applicable	
U8BE68	Dissimilar	ear piercings present on both subjects

Image Set Q12: Table 4.12(r) - Alterations

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed
VGDWFB	Dissimilar	Tattoo (eyebrow)
WK96YB	Not Applicable	
X2TF24	Dissimilar	Makeup present on U, not visible on K; piercings present in both ears; no tattoos present
Z9L8L3	Inconclusive	Both are wearing earrings.
ZCKK6L	Dissimilar	unknown is wearing makeup; both have their earlobes pierced

Features Observations Response Summary - Q12 Alterations		Total Participants: 54
	<u>Response</u>	<u>Percent Reported</u>
	Similar	7 (13.0%)
	Dissimilar	14 (25.9%)
	Inconclusive	6 (11.1%)
	Unable to Compare	0 (0.0%)
	Not Applicable	27 (50.0%)

Image Set Q12: Table 4.12(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Comparison limitations		Examination limitations: The images displayed a number of limiting factors including, but not limited to, age, pose, lighting and image quality conditions. These limited the comparison and the observations that were able to be made.
BGZVPT	Age	Dissimilar	Known seems much younger
E7JQ38	Limitations	NotApplicable	Image quality, ageing, expression, pose and occlusion (hair, earrings and necklace).
EYNFWN	Conditions	Similar	similar poses and somewhat similar lighting
QY9X6C	Overall Image Quality	Dissimilar	Both are frontal good quality images, distance from camera appears to be similar, known has a neutral expression where the unknown has a smirk, the known lighting appears to be darker
EYNFWN	Quality	Similar	Both images are good quality

Detailed Feature Observations

TABLE 4 - Image Set Q13

Image Set Q13: Table 4.13(a) - Skin

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Tone of the skin is somewhat similar, known has a more reddish undertone. Texture of the skin is fairly smooth on known and unknown.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The skin tone is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects are white males. Known has a tan tone to his skin. Unknown has a red tone to his skin
8BND4V	[Not Reported]	both appear to have lighter skin tones with slightly lighter tinge for Unknown(2), difference in lighting in images
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	skin tone is different even despite lighting difference, texture is different with known's appearing a little rougher, luminance on forehead and cheeks is different
9WM27B	Similar	skin color texture and tone is similar, considering lighting differences in images.
A4GTRA	[Not Reported]	Similarities include: Overall skin appearance: texture Dissimilarities include: (may be due to differences in lighting in Q & R) Overall skin appearance: tone
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Known is red on right side of frontal by hairline
AE2ZQY	Similar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar texture, older sagging skin
BGVPT	Dissimilar	Unknown has smoother skin
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Similar	

Image Set Q13: Table 4.13(a) - Skin

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Skin color is similar, but known has more yellow undertones while unknown has more pink.
E2YXFT	Similar	Similar texture
E7JQ38	Dissimilar	Dissimilar skin texture.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	both have lighter skin, but Known has more of an olive/yellow undertone, while the Unknown has more of a pink undertone. Dissimilar texture, Unknown's skin is smoother than Known's
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Overall texture and tone are similar. Known's skin is slightly darker possibly due to lighting
HVURP4	Dissimilar	The skin tone is not the same. The unknown has pinker tones while the known is just tan/beige and appears dryer.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	known image darker, may be due to lighting
KCVE8G	Similar	the skin of known and unknown is similar in medium color and texture. Known and unknown subject's appear close in age.
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has lighter skin than K, K appears to be slightly older. K appears to be heavily top lit.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Dissimilar	The subjects appear to present with a light skin tone with variations in color/hue which could be due to exposure, lighting, etc. The skin texture appears to be relatively similar on both subjects.
QFUJLW	Similar	Similar in light color but Known appears slightly darker. This could be due to lighting.
QKRZZB	Similar	Skin tones appear to be similar between the probe and candidate.
QT8L8U	Dissimilar	Known's image is more blurry, but still the texture appears similar. The difference in lighting is making the tonality of the skin appear darker
QY9X6C	Dissimilar	Tone appears to be darker in the known, texture is smoother in the unknown, the unknown has more of a red/yellow tint where the known has a brown tint

Image Set Q13: Table 4.13(a) - Skin

WebCode	Observation	Feature Notes
RJB49C	Dissimilar	Skin of both candidates is similar, with known being darker in complexion, possibly due to lighting.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has weathered skin compared to unknown.
TLDKJC	Similar	
TQ9EET	Dissimilar	
U67NZZ	Inconclusive	
U8BE68	Similar	skin tone and texture appear to be similar between subjects
UGXDTR	Inconclusive	known's skin texture appears slightly more rough; similar tone and complexion
VGDWFB	Similar	Luminance and color
WK96YB	Inconclusive	
X2TF24	Dissimilar	Skin appears dissimilar in overall tone and texture
Z9L8L3	Similar	Both are white males
ZCKK6L	Dissimilar	texture and complexion are dissimilar, as the known's is tanned and appears weathered, whereas the unknown's is smoother and possesses a pink-ish tone; highlighting and shadowing on the contours of the face are dissimilar, indicating that the underlying musculature and bone structure is dissimilar

Features Observations Response Summary - Q13 Skin		Total Participants: 61
Response	Percent Reported	
Similar	26 (42.6%)	
Dissimilar	29 (47.5%)	
Inconclusive	5 (8.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q13: Table 4.13(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns head is longer and more narrow.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The face shape is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown head is oval shape. Known head is square at top with indents just above ears.
8BND4V	Dissimilar	overall head outline of Unknown(2) appears slightly more oval-shaped than Known(1) which appears more angular/rectangular
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	head shapes are different with known curving in toward top and unknown is squared
9WM27B	Dissimilar	Overall portrait contour is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall shape of the face Not comparable: (due to obstructions in one or both images) Shape of the cranial vault
A8F4MA	Dissimilar	overall shape of face
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk subject is rounder
BGZVPT	Dissimilar	Unknown is a longer face while known figure 8 shaped
BVKBTR	Dissimilar	face line on right side from top to bottom different on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Outline is different. Known's face outline curves in at the temples where the unknown's does not.
E2YXFT	Dissimilar	More oval on unknown image and more square on known image
E7JQ38	Dissimilar	Dissimilar head shape.

Image Set Q13: Table 4.13(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	dissimilar shape and width, somewhat similar length
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Known has a thinner oval shaped face with a larger cranial vault
HVURP4	Dissimilar	The shape of the known is more "peanut" shaped while the unknown's is more oblong in shape.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	potential weight gain in unknown image
KCVE8G	Similar	Similar rectangular appearance and placement of features but the unknown image has a wider area across the cheeks and wider, longer jawline. the top of known's cranial vault is wider and inconsistent with unknown's cranial vault.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both have oval faces but K has a wider forehead and more protruding frontal bone.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The face/head outline appears to be dissimilar with the known having a more squared cranial vault, thinner middle area, and relatively similar lower portion.
QFUJLW	Dissimilar	Not similar in size/shape. Unknown has an oval shape. Known has a rectangle.
QKRZZB	Dissimilar	The probe looks to be have an oval face outline compared to the candidate's square face outline.
QT8L8U	Dissimilar	Head obstructed by hair. Face outline appears dissimilar
QY9X6C	Dissimilar	Known head is squarer towards the top where the unknown is more rounded, width of head is wider in the unknown, head length appears to be similar
RJB49C	Dissimilar	The face and head of known candidate is longer and narrower at the temples than that of unknown, whose is more round.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown has a very rounded overall head outline.
TLDKJC	Similar	

Image Set Q13: Table 4.13(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TQ9EET	Dissimilar	
U67NZZ	Similar	
U8BE68	Dissimilar	general shape of the faces appear to be similar overall - minor differences around the temple regions
UGXDTR	Dissimilar	known's facial shape appears slightly more squared off in shape towards the upper portion of the face; cranial vault shape appears similar in shape
VGDWFB	Dissimilar	Overall shape of face
WK96YB	Similar	
X2TF24	Dissimilar	Overall face shape appears dissimilar; cranial vault unable to compare due to hair in K
Z9L8L3	Dissimilar	Unknown's forehead is more rounded
ZCKK6L	Dissimilar	facial shape is completely dissimilar, as the unknown's is oval-like in shape whereas the known's is irregular shaped, with the top of the head being the widest part, depressions at the temples, widening back out at the temples, and narrowing as the chin is approached

Features Observations Response Summary - Q13 Face/Head Outline		Total Participants: 62
Response	Percent Reported	
Similar	6 (9.7%)	
Dissimilar	54 (87.1%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	1 (1.6%)	

Image Set Q13: Table 4.13(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Nose to mouth distance is closer on the known, possibly due to the difference in angles.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The distance between the eye and the eyebrow is dissimilar and the overall composition of the face is dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features appear similarly spaced
8BND4V	Dissimilar	lower part of ears relative to mouth of Unknown(2) appear to go slightly further down face than those for Known(1)
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	features are in different positions relative to the other features of the face in both
9WM27B	Similar	placement of facial features and distance between features is similar.
A4GTRA	[Not Reported]	Similarities include: Approximate distance from nose to upper lip relative to face length Dissimilarities include: (some may be due to differences in pose in Q & R) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth; Eye position relative to face length
A8F4MA	Dissimilar	Proportions/position of features on face
A9BMPB	Inconclusive	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	mouth to chin shorted length in known
BGVPT	Similar	In proportion
BVKBTR	Dissimilar	
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	

Image Set Q13: Table 4.13(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Distance between mouth and bottom of chin appears longer on the unknown, but this may just be due to head position.
E2YXFT	Dissimilar	Relative distances between facial features seem different
E7JQ38	Dissimilar	Dissimilar relative position of features.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known's eyes are spaced further apart and facial features are lower in the face than Unknown's (note - differences in pitch considered)
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Unknown has facial features that are closer together
HVURP4	Dissimilar	Feature location is not the same. Eye spacing and canthus spacing in relation to the bridge of nose is further on the known image. Distance from tip of the nose to upper lip is further on the unknown image.
J4778Z	Dissimilar	
JEFCV2	Similar	
KCVE8G	Dissimilar	The angular, slightly smaller facial features of known subject appear disproportionate in comparison to the larger, rectangular size and contour of the totality of the head. Unknown's facial composition appears to have less harsh angles and is more oval in shape than the known image.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk's features appear more evenly spaced out with a slightly large forehead, K's features are closely set together with a much larger forehead.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The features of the face appear to have a tighter horizontal alignment on the known but that could be due to the expression change. The vertical alignment appears to be similar.
QFUJLW	Similar	Features are similar place on the face.
QKRZZB	Dissimilar	The distance from the eyebrows to the eyes appears to be dissimilar between the probe and candidate. The distance from the lower lip to the base of the chin appears to be dissimilar.
QT8L8U	Dissimilar	Head obstructed by hair. Facial composition appears dissimilar as the unknown's features are closer together where the known's appear more spread out

Image Set Q13: Table 4.13(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Distance from eyes to mouth appears shorter in the known, distance from nose to mouth appears shorter in the known, distance from mouth to chin is shorter in the known
RJB49C	[No observations reported for this feature.]	
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has facial features lower on the face.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Similar	relative shape and size of features appear to be similar between subjects
UGXDTR	Dissimilar	the unknown's ears appear larger and disproportionate compared to the rest of the features compared to the known
VGDWFB	Dissimilar	
WK96YB	Similar	
X2TF24	Dissimilar	Approximate width of nose relative to eyes appears dissimilar, wider in U; Approximate width of mouth relative to eyes appears wider in U; Approximate distance from nose to upper lip relative to face length appears dissimilar; Approximate distance from chin to lower lip relative to face length appears longer in U; Ear position relative to eyes, nose, and mouth appears dissimilar; Eye position relative to face length appears dissimilar
Z9L8L3	Dissimilar	Distinct differences in overall appearance
ZCKK6L	Dissimilar	configuration, alignment, shape, and size of the visible facial features are dissimilar with respect to each other and their location on the face; the known's nasal base aligns with the medial canthi, whereas the unknown's align with the sclera portion of the eye

Features Observations Response Summary - Q13 Face/Head Composition		Total Participants: 59
Response	Percent Reported	
Similar	14 (23.7%)	
Dissimilar	42 (71.2%)	
Inconclusive	1 (1.7%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.4%)	

Image Set Q13: Table 4.13(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Color of the hair is dissimilar; unknowns is more blackish/grey and knowns is brown. Unknowns' hairline is more rounded, knowns is more squared. Curvature on the sides are dissimilar, more linear on the unknown.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The hair texture and color are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has dark brown hair that is longer on top and grows up before growing over. Unknown has "salt and pepper" hair that is short and grows/ lays close to the head
8BND4V	Dissimilar	Unknown(2) has shorter cut hair than Known(1); Known(1) has darker brown hair while Unknown(2) has gray/white hair, age difference; forehead hairline of Known(1) has peak down toward center of forehead not present for Unknown(2) which appears to have overall smoother round curve
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	color is different with unknown having some greying, texture of hair is different, frontal hairline lay and curvature is different
9WM27B	Dissimilar	hair color, style, length, distribution density is dissimilar. Hairline both in front and sides is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: (some may be due to differences in styling in Q & R) Hair: shape/spatial distribution, texture, symmetry, density, tonality; Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape Not comparable: Cranial baldness pattern: shape, distribution - not observed
A8F4MA	Dissimilar	Forehead hairline, Hairline right side Hairline left side
A9BMPB	Dissimilar	Known hairline more straight with kind of a widow's peak, while Unknown has a more upward rounded hairline. P more defined temp peaks, hairline, color
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known has more of a widow's peak
BGZVPT	Dissimilar	Different style and texture; hairline is higher in unknown
BVKBTR	Dissimilar	Hair color is different, possibly colored, hair line lower on center of known.
BYKLNR	Dissimilar	

Image Set Q13: Table 4.13(d) - Hair

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Hairline and color of hair appear different.
E2YXFT	Dissimilar	Hairline and texture seem different
E7JQ38	Dissimilar	Dissimilar hair color, growth and hairline.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	different grooming; dissimilar hairline, temporal peak locations different, Known has a widow's peak
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Unknown has thinner, more gray hair. Known has hair growth that appears to grow straight out where the unknown appears to have hair growth that follows the head
HVURP4	Dissimilar	The known image has fuller longer dark hair while the unknown has shorter cropped and salt and pepper in color. The hairline pattern across the forehead is not consistent. The known appears to have a long wide widow's peak while the unknown does not.
J4778Z	Dissimilar	different style, texture and color
JEFCV2	Dissimilar	different hairstyles, darker in known, may be due to age
KCVE8G	Dissimilar	Known image has short, dark brown hair that parts to the right side of the head and is short on the sides. The hairline is long, wide and horizontal across the top of the forehead. The unknown subject has very short, graying hair that parts to the left. The hairline curves at the top of unknown's forehead/
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Both have dark hair but Unk's is cut short and is salt & peppered, K has is longer and styled with a part on the L side and no visible grey in head hair
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The hairline on the known is more squared, has a widow's peak, has taller lateral section, and more medial temple peaks than the unknown. The color and texture of the hair is dissimilar.
QFUJLW	Dissimilar	Not similar in color/texture/length. Hairline is not similar in size/shape/contour

Image Set Q13: Table 4.13(d) - Hair

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	Hair color appears to be dissimilar. The hairline between the probe and candidate appears to be dissimilar as well.
QT8L8U	Dissimilar	coloring, even with the lighting difference, hairline, and grooming appear dissimilar
QY9X6C	Dissimilar	Known hair is darker in color, unknown has some gray throughout, hair length is longer in the known, hairstyle is dissimilar, hairline is dissimilar in shape/location
RJB49C	Dissimilar	Known candidate had longer darker hair in a different style than unknown who has a shorter style, and salt and pepper coloring.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has dark, straight, coarse appearing hair.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	hair appears to be similar in dark color - length and texture of hair appears to differ
UGXDTR	Dissimilar	the known's hair appears to be dark brown in color compared to the unknown's who appears black with some areas of gray; the forehead and temporal peak hairline growth pattern appears different in shape
VGDWFB	Dissimilar	Forehead hairline, color, overall hair length
WK96YB	Dissimilar	
X2TF24	Dissimilar	Hair appears dissimilar in color/length/texture/variation in tone; hairline appears dissimilar in shape, presence of widow's peak on K, not visible in U; temple peaks appear dissimilar in shape
Z9L8L3	Dissimilar	Hair style is different. Widow's peak in known that is not observed in unknown
ZCKK6L	Dissimilar	hairline shape along the sides is somewhat similar, however the known's is shorter and rounder; the hairline along the forehead is dissimilar, as the known has a slight widow's peak and the unknown doesn't; the color, length, thickness, and growth pattern is dissimilar, as the known's is darker but lighter along the temples, longer, thicker, and grows to the left, whereas the unknown's is salt and peppered throughout, shorter, and grows to the right

Features Observations Response Summary - Q13 Hair		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	1 (1.6%)
	Dissimilar	58 (93.5%)
	Inconclusive	1 (1.6%)
	Unable to Compare	0 (0.0%)
	Not Applicable	2 (3.2%)

Image Set Q13: Table 4.13(e) - Forehead

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns forehead is wider. Shape of the forehead is dissimilar. Minimum protrusion on both subjects.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The forehead shape and the wrinkles on the forehead is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown has an upward head tilt. Unknown forehead appears rectangular in shape. Known forehead is wider at top hair line and then indents inward just above eyes/ ears. Forehead creases are dissimilar between two subjects.
8BND4V	Dissimilar	difference in distance/shape/distribution of visible frontal lines; prominent frontal line toward center of forehead of Known(1) has more continuous curve going upward from right to left of forehead, while Unknown(2) has a more central frontal line that is broken up toward center of forehead and appears to have more downward angle to curve from right to left
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	forehead shape and sizes are different as well as contouring, unknown appears to have a more rounded forehead, frontal lines are in different positions and curvatures
9WM27B	Dissimilar	height and width of forehead is dissimilar. unknown has a more rounded forehead. protrusion of brow ridge is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: relative width Dissimilarities include: Forehead shape: relative height, slope/contour; Brow ridges: prominence, continuity
A8F4MA	Dissimilar	Forehead shape,
A9BMPB	Dissimilar	K shorter vertical than U
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	wrinkles don't line up
BGVPT	Dissimilar	Known has more pronounced forehead lines that do not line up with unknown
BVKBTR	Dissimilar	Forehead more square on known. Creases don't line up. But similar creases are on both, just not similar enough.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q13: Table 4.13(e) - Forehead

WebCode	Observation	Feature Notes
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Forehead appears taller on known. Both have lines on forehead but they differ in number and position.
E2YXFT	Dissimilar	Shape and brow ridges seem different
E7JQ38	Dissimilar	Dissimilar forehead height and width.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	dissimilar shape and contours; Unknown's brow appears more curved with less noticeable brow ridge
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	similar forehead height but they have different forehead hairlines. Known's hair growth comes in towards the forehead at the temples.
HVURP4	Dissimilar	The knowns is "peanut" shaped. By that I mean it curves inward and then fans back out while the unknowns is more rectangular across the forehead. The frontal creases do not line up and they appear deeper into the skin on the known image.
J4778Z	Dissimilar	frontal lines present in both but in different locations and amount of lines
JEFCV2	Dissimilar	shape of forehead dissimilar, multiple creases dissimilar
KCVE8G	Dissimilar	Unknown's forehead has 4 forehead creases that are inconsistent in length, placement and shape to the forehead creases in the known image. The skin texture of unknown's forehead appears smoother than known's skin texture. Unknown's forehead is round in shape and narrow which is inconsistent with known's forehead that is, large, wide across the top and narrows with deep indentions at the left and right temples. Known image has 3 deep forehead creases that are inconsistent with the creases on unknown's forehead.
KRVVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a rounded forehead with a few frontal lines, K has a large forehead with deep peaks for a receding hairline, forehead shape is more like an upside trapezoid, pinched at the temples, and deep frontal lines not in common with Unk.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The forehead appears to be larger and more rounded on the unknown. The lateral portions appear to be less pronounced on the unknown. The known appears to have a flatter middle portion.

Image Set Q13: Table 4.13(e) - Forehead

WebCode	Observation	Feature Notes
QFUJLW	Dissimilar	Not similar in size/shape/height/width/lumience. Frontal lines are not similar in quantity/size/shape/location. Known has a bump/knot near the hairline that the Unknown does not.
QKRZZB	Dissimilar	The candidate looks to have a flatter forehead compared to the probe.
QT8L8U	Dissimilar	Height and width of the unknown's forehead appears shorter and wider than that of the known
QY9X6C	Dissimilar	Frontal lines are visible in both but not in the same location, frontal lines in the known are deeper, width of forehead is larger in the unknown, height of forehead is larger in the unknown, brow ridge is higher in the unknown
RJB49C	Dissimilar	Known candidate has a bulbous upper forehead. Unknown candidate has a rounder forehead. The creases on each differ in appearance.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has a wider forehead.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	general shape of the forehead appears to differ - frontal lines on the forehead differ in appearance
UGXDTR	Dissimilar	the known appears to have a slightly shorter forehead height; the known appears to have a slightly more prominent brow ridge; both individuals have prominent frontal lines, but they are different in shape and relative location to one another; both individuals have a prominent vertical glabellar line/crease, but there is a slight different in relative location compared to the eyebrows
VGDWFB	Dissimilar	Relative height, Relative width
WK96YB	Dissimilar	
X2TF24	Dissimilar	Forehead appears dissimilar in relative height/width; dissimilar in slope; frontal lines present in both, dissimilar shape and prominence of middle one and quantity; vertical glabellar lines present in both, dissimilar in shape and quantity; brow ridges appear more prominent in U
Z9L8L3	Dissimilar	Creases are noticeably different, particularly between the eyes.
ZCKK6L	Dissimilar	contour, musculature, shape, and size is dissimilar, as the known's possesses a loaf of bread-like shape and flat contour along the center, is wider, and musculature is more prominent, whereas the unknown's has a rounded contour, isn't is wide, and musculature is smoother; the frontal lines are dissimilar in length, shape, quantity, and depth, as the known's are more prominent and has one distinct "v" shaped crease that spans the width of the forehead, whereas the unknown has several faint and shorter frontal lines

Features Observations Response Summary - Q13 Forehead		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	1 (1.6%)	
Dissimilar	61 (98.4%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q13: Table 4.13(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Knowns eyebrows are a closer distance to the eyes. Unknowns eyes are more arched. Tone of the eyebrows are dissimilar. Growth pattern is dissimilar; knowns gets lighter toward the tails.
3UFTE6	Inconclusive	
44J8XH	Inconclusive	
474EX6	Dissimilar	The hair density within the eyebrow and the color of the eyebrow are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has blond bushy eyebrows. Unknown has dark eyebrows; eyebrows extended past eyes are curve downward.
8BND4V	Dissimilar	eyebrows of Unknown(2) appear darker/thicker than Known(1); distance between brows appears slightly closer for Unknown(2) than Known(1); Unknown(2) appears to have longer curve toward lateral end of eyebrows
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	eyebrow hair color, curvatures, thicknesses, starting points at medial ends, and positions above eyes are all different between known and unknown
9WM27B	Dissimilar	eyebrow color, growth pattern, texture, color of brow hair, distribution and density is dissimilar. medial and lateral beginning and end points in relation to medial and lateral canthus' is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Shape; Size; Position; Asymmetry Not comparable: (due to image quality and lighting in one or both images) Conjoined - not observed; Density of hair; Hair details
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Dissimilar	Difference in colour and shape
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known is blonder
BGZVPT	Dissimilar	Unknown has thicker brows; knowns are very light
BVKBTR	Dissimilar	bushier on known varied color, much darker on unknown
BYKLNK	Dissimilar	
CBAKDA	[No observations reported for this feature.]	
D2JEW	Dissimilar	

Image Set Q13: Table 4.13(f) - Eyebrows

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Eyebrow color is different.
E2YXFT	Dissimilar	Brow shape and density as well as colour are different
E7JQ38	Dissimilar	Dissimilar eyebrow color, thickness and shape.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	dissimilar shape, arch, starting point, and hair color/density
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has very light eyebrows that are closer to the pupils than the unknown's
HVURP4	Dissimilar	The knowns brows are lighter in color while the unknowns are dark.
J4778Z	Dissimilar	different color and thickness
JEFCV2	Dissimilar	known image much lighter than unknown, shape and thickness not consistent
KCVE8G	Dissimilar	known's eyebrows are lighter in color than unknown's eyebrows and inconsistent in length, width and shape. There is a deep nasal crease at the root of unknown's nose that is inconsistent with the root of known's nose. Known image has deep, triangular glabellar lines between the eyebrows that are not visible on unknown image
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has one vertical glabellar line near midline and dark, quickly sloping brows. K has multiple vertical glabellar lines with more blonde colored brows that are short, flat, and thick.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The eyebrows appear to be lighter in color, less full, and farther apart laterally on the known. The contour of the brows appears to be more arched on the unknown. The lateral portions of the brow extend lower on the unknown.
QFUJLW	Dissimilar	Not similar in size/shape/color/thickness. Distance between the eyebrows are not similar. Glabellar are not similar in location/size/shape/contour
QKRZZB	Dissimilar	The growth pattern and thickness of the eyebrows appears to be dissimilar between the probe and candidate. The probe appears to have darker and thicker eyebrows compared to the candidate.

Image Set Q13: Table 4.13(f) - Eyebrows

WebCode	Observation	Feature Notes
QT8L8U	Dissimilar	Shape, color, grooming, and growth pattern of the unknowns appear dissimilar to that of the known. The know has darker and more dense brows
QY9X6C	Dissimilar	Color is dissimilar – known is lighter, vertical glabellar lines are dissimilar in location/size/shape, distance apart appears to be wider in the unknown, shape is dissimilar, distance to eyes is shorter in the known
RJB49C	Dissimilar	Known has lighter colored eyebrows that extend only halfway from the nose outward. Unknown has darker eyebrows that extend well past the outer corner of the eyes.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has sparce eyebrow hair.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	brows differ in color, shape and thickness in hair growth
UGXDTR	Dissimilar	the tone of the eyebrows appears different with the known appearing to have light/blonde compared to darker in the unknown; the growth pattern/thickness also appears different; the unknown has more prominently shaped and arched eyebrows
VGDWFB	Dissimilar	Hair details (texture, length, thickness, shape and color)
WK96YB	Inconclusive	
X2TF24	Dissimilar	Eyebrows appear dissimilar in color/thickness/shape/width apart/where they begin and end
Z9L8L3	Dissimilar	Known has light eyebrows, unknown has dark and longer eyebrows.
ZCKK6L	Dissimilar	shape, size, length, and thickness is dissimilar, as the known’s are extremely light, but darker in the medial ends, compact in size, thick, and relatively straight, whereas the unknown’s are dark, curved round the eyes, thinner, and longer from end to end; the distance between the medial ends and proximity to the eyes is dissimilar, as the unknown’s medial ends are further apart and the brows are closer to the eyes; the known has one vertical glabellar line adjacent to the medial end of right brow and two that make a tented shape, whereas the unknown has one that isn’t as prominent and is almost centered between the brows; known’s brow ridge is more prominent

Features Observations Response Summary - Q13 Eyebrows		Total Participants: 61
Response	Percent Reported	
Similar	0 (0.0%)	
Dissimilar	57 (93.4%)	
Inconclusive	4 (6.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q13: Table 4.13(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Shape of the eyes are dissimilar. Upper eyelid folds over on the known. Prominence of the left and right lateral canthus is dissimilar. Spacing between the eyes is similar.
3UFTE6	Unable To Compare	
44J8XH	Dissimilar	
474EX6	Dissimilar	The superior palpebral crease on the top eyelid is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known upper eyelids are hooded, cannot see upper eyelids. Unknown has small portion of upper eyelid visible. Creases around eyes are dissimilar between two subjects
8BND4V	Dissimilar	Known(1) appears to have more creases present under eyes which curve further downward than those visible for Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	eye shapes are different, angles at which eye sit on face are different, eyelid shapes are different, under eye lines curvatures and positions are different as well
9WM27B	Dissimilar	eye color, fissure, and presence of visible upper eyelids are dissimilar. Known has hooded upper eyelids (L and R superior palpebral creases) not observed in unknown. Inferior L and R palpebral creases are also dissimilar.
A4GTRA	[Not Reported]	Similarities include: Intercanthal distance; Upper eyelid: position in relation to iris/pupil; Lower eyelid: prominence, protrusion; Eyeball prominence; Interpupillary distance Dissimilarities include: Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease; Lower eyelid: visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening; Medial canthus: shape, angle; Asymmetry - asymmetry in eye angles dissimilar Not comparable: (due to image quality, lighting and obstructions in one or both images.) Upper/lower eyelid: lash characteristics; Iris: irregularity of iris - not observed; Medial canthus: caruncle; Lateral canthus: shape, angle
A8F4MA	Dissimilar	Intercanthal distance, Right and left eye fissure opening (outline) , Right and left upper eyelid, Right and left lower eyelid, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Dissimilar	K more hooded eyelids, different tilt of eyes, possible different colour of iris, but not very visible in K
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known looks like has lighter eyes, farther apart

Image Set Q13: Table 4.13(g) - Eyes

WebCode	Observation	Feature Notes
BGZVPT	Dissimilar	Known eyes sit deep
BVKBTR	Dissimilar	eye wrinkles different, much baggier on known,
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Eyes appear more hooded on the known due to a heavier brow line.
E2YXFT	Dissimilar	Shape and size are different
E7JQ38	Dissimilar	Dissimilar eye fissure shape, upper eyelid visibility, iris tone, left lateral canthus, medial canthus.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known's eyes are more hooded, tilt down at lateral end, there is more space between medial canthi and nose bridge, there is less space between the eyelid crease and brows, and pupils/irises are laterally further from medial canthus which shows more inner sclera.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known does not have a superior palpebral crease. Unknown has 3 crows feet on the left eye where the known has 2
HVURP4	Dissimilar	Similar squinty eyes, but the hooding of the eyes is deeper on that of the known image. The creases under the eyes are not consistent in placement. The crow's feet also do not match up in location and length.
J4778Z	Dissimilar	general shape, upper and lower eyelids are different
JEFCV2	Dissimilar	space from eye to eyebrow larger in unknown, lid difference in both eyes, crows feet direction dissimilar, creases around dissimilar in location and curvature
KCVE8G	Dissimilar	There are age related changes to the outer eye consisting of but not limited to exaggerated crows feet and there are multiple fine lines around and under the edges of the eyes along with lower lid bags that are inconsistent in shape, placement and amount between known and unknow images. The nasojugal fold and palpebral creases are longer on the known image than the unknown image. The inferior palpebral crease, medial canthus, lateral canthus and upper eyelid are inconsistent in contour and size between known and unknown images. Known's eyes appear deeper and larger within the orbital socket. Unknown's eyes appear to be similar in tone to the known
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Both appear to have dark eyes, K has more pronounced facial lines around the eyes, crows feet, inferior palpebral creases, infraorbital creases.

Image Set Q13: Table 4.13(g) - Eyes

WebCode	Observation	Feature Notes
MMPAFW	Dissimilar	
MX9NJY	Unable To Compare	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The known appears to have deeper set eyes, flatter infraorbital crease contour, larger under eye bags, wider intercanthal distance, and more asymmetrical on the horizontal plane than the unknown. The eyes of the unknown appear to be less hooded.
QFUJLW	Dissimilar	Not similar in shape/size. Superior palpebral crease is not similar in size/shape. Inferior palpebral is not similar in shape/size. Periorbital crease is not similar in quantity/shape/size. Medial canthus is not similar in size/shape. Lateral canthus is not similar in size/shape. Infraorbital creases are not similar in shape
QKRZZB	Dissimilar	The shape of the medial and lateral canthus of the left and right eyes appears to be dissimilar. The overall shape of the eyes appears to be dissimilar as well.
QT8L8U	Dissimilar	Fissure of the known appears smaller, there is more of a presence of the sclera in the unknown. The upper eyelid on the known is visible where the unknown's is not
QY9X6C	Dissimilar	Size is smaller in the unknown, eyelids are larger in the known, superior and inferior palpebral creases are dissimilar in shape/size/location, lower eyelids are larger in the known, crows feet are dissimilar in quantity/location/size, lateral canthus appears to have more of a downward slant in the known, medial canthus in the unknown appears to extend out further, sclera appears to be larger in the known
RJB49C	Dissimilar	Known candidate's eyes are dark with folds covering the upper lids and wrinkled lower lids. Unknown also has dark eyes but upper lids are visible below folds and wrinkles on lower lids differ.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known upper eyelids are not visible.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Unable To Compare	
U8BE68	Dissimilar	eyes differ in overall shape - creases around the eyes differ in presence and prominence
UGXDTR	Dissimilar	overall size appears similar; the known's eyes appear slightly more sunken in; similar lateral downward shaped superior palpebral creases in both individuals, but the known's left crease appears more prominent; the shape, prominence and location of the crows feet creases appear different; the shape, location and prominence of the inferior palpebral and infraorbital creases appears different
VGDWFB	Dissimilar	Overall shape, protrusion
WK96YB	Unable To Compare	

Image Set Q13: Table 4.13(g) - Eyes

WebCode	Observation	Feature Notes
X2TF24	Dissimilar	Eyes appear dissimilar in overall shape and size; superior palpebral creases appear more hooded in K; periorbital eyelid appears larger in U; upper eyelids appear larger in U; iris color appears dissimilar, darker in U; right medial canthus appears higher than left in K; medial canthi appear dissimilar in shape; more sclera visible in K; inferior palpebral creases appear dissimilar in shape/prominence/quantity; infraorbital creases appear dissimilar in angle, may be due to lighting; periorbital creases appear dissimilar in shape/angle/quantity
Z9L8L3	Inconclusive	Hard to tell with the shadowing in the known's image.
ZCKK6L	Dissimilar	approx. intercanthal distance and degree of hoodedness is dissimilar, as the known has a shorter distance and the eyelids are completely hooded; the shape of the eyelids is dissimilar, as the known's upper isn't as rounded as the unknown's, however the bottom eyelid is curved whereas the unknown's is relatively straight; small size and alignment is similar; the known's inferior palpebral creases follow the curvature of the lower eyelid and the infraorbital crease is large, whereas the unknown's right inferior palpebral crease isn't visible and the left is linear in shape, and the infraorbital creases are smaller and asymmetric in their curvature; the periorbital creases are dissimilar in quantity, size, length, and prominence, as the known's are longer, deeper, and significantly greater in quantity

Features Observations Response Summary - Q13 Eyes		Total Participants: 62
Response	Percent Reported	
Similar	1 (1.6%)	
Dissimilar	56 (90.3%)	
Inconclusive	1 (1.6%)	
Unable to Compare	4 (6.5%)	
Not Applicable	0 (0.0%)	

Image Set Q13: Table 4.13(h) - Cheeks

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Fullness of the cheeks appear to be similar, longer on the unknown.
3UFTE6	Dissimilar	
44J8XH	Similar	
474EX6	Dissimilar	The degree to which the cheek is sagging is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown has longer flat cheeks. Known has shorter cheeks.
8BND4V	Dissimilar	overall size of cheeks lengthwise appear slightly longer for Unknown(2) than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	cheek shapes and sizes are different, contouring and protrusion of cheeks are different
9WM27B	Dissimilar	height and fullness of cheeks is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Cheekbone prominence; Cheek shape Not comparable: Dimples - not observed
A8F4MA	Dissimilar	Right and left cheekbone
A9BMPB	Dissimilar	More protruding for K
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	unk subject has fuller cheeks
BGVZPT	Dissimilar	Unknown has flatter cheeks
BVKBTR	Dissimilar	much rounder on known
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Unknown's cheeks appear more full.
E2YXFT	Dissimilar	Chubbier on known image
E7JQ38	Dissimilar	Dissimilar cheek shape and fullness.

Image Set Q13: Table 4.13(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	dissimilar shape, size, and fullness
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown has cheekbones that are higher on the face and more full
HVURP4	Dissimilar	The cheeks of the known image are thinner and less puffy than that of the unknown image. The nasal creases on the unknown image are longer down the face than that of the known. The creases on the upper region of the cheeks of the known image are deeper and more in number than that of the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	shape/curvature not consistent, creases not in same locations
KCVE8G	Dissimilar	the texture of known's cheeks appears rough in contrast to the smoother appearance of unknown's cheeks. Known's cheeks appear slightly drawn and appear to have more creases than the fuller appearance of unknown's cheeks.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has fuller cheeks towards the front near the nose, and has longer cheeks towards the jawline. K has full cheeks but shorter and with more facial lines from the eyes.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The cheek bones appear to be higher on more pronounced on the unknown. The cheeks appear to be full on both subjects but longer in the unknown while being wider on the unknown.
QFUJLW	Dissimilar	Not similar in size/shape/fullness
QKRZZB	Dissimilar	The shape of the cheeks appears to be dissimilar.
QT8L8U	Dissimilar	Placement of the soft tissue on the unknown appears dissimilar
QY9X6C	Dissimilar	Overall cheek size is larger in the unknown, buccal creases are visible but not in the same location on both, cheeks are fuller in the unknown, marks on the known that are not visible in the unknown
RJB49C	Dissimilar	Unknown has longer cheeks up and down that are consistently as full as known, but have larger nasal folds than known.
RTFBMC	Dissimilar	

Image Set Q13: Table 4.13(h) - Cheeks

WebCode	Observation	Feature Notes
T9A37R	Dissimilar	Unknown has projected cheeks.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	cheeks differ in shape and prominence - unknown cheeks appear to be more fuller in appearance
UGXDTR	Dissimilar	the known's cheeks appear slightly more full towards the lower portion of the cheeks; there are vertical creases present in the unknown that are not visible in the same relative location on the known
VGDWFB	Dissimilar	Cheekbone, cheek shape
WK96YB	Dissimilar	
X2TF24	Dissimilar	Zygomatic bones appear more prominent in K; cheek shape appears dissimilar; dissimilar in fullness
Z9L8L3	Dissimilar	The unknown has a longer face and cheeks are different than observed in known.
ZCKK6L	Dissimilar	shape is somewhat similar, but size, fullness, and cheekbone prominence is dissimilar, as the known's are smaller, flatter, and the cheekbone is curved to a greater degree and more prominent, whereas the unknown's take up a larger area of the face, are fuller, rounder, and more bulbous near the nasolabial lines

Features Observations Response Summary - Q13 Cheeks		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.2%)
	Dissimilar	58 (93.5%)
	Inconclusive	1 (1.6%)
	Unable to Compare	1 (1.6%)
	Not Applicable	0 (0.0%)

Image Set Q13: Table 4.13(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Tip of unknown's nose is wider and more bulbous. Curvature of the nostrils is dissimilar.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The nose shape is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown has upward head tilt and image is slightly out of focus. Crease/ indentation at top of bridge of nose is different between two subjects. Unknown bridge of nose appears to curve to the left. Scar on bridge of known nose.
8BND4V	Dissimilar	nasal tip of Known(1) is rounder/more bulbous compared to more angular/narrower nasal tip of Unknown(2); nose of Unknown(2) appears to be slightly more angled to the right
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	nasal root indentions and widths are different, curvatures down through body are different, nasal base width is different, nasal tip size and shape is different,
9WM27B	Dissimilar	nasal outline is dissimilar. Shape, length and width of nasal body is dissimilar. Asymmetry of nasal tip of unknown is not observed in known. the overall shape of the nasal tip is dissimilar. The width of the nasal base is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: (some may be due to differences in pose in Q & R) Nasal outline: shape, length, width, prominence; Nasal root: width, shape, depth, angle; Nasal body: width, length, shape, angle; Nasal tip: shape, angle; Nasal base: width; Nasal alae: thickness, shape; Asymmetry and deviation - nose deviating to R of subject's midline in Q1, not observed in R1 Not comparable: (due to pose in one or both images) Nasal body: contour; Nasal base: height; Nostrils: shape, size, hair; Columella: width, length, relative position
A8F4MA	Dissimilar	Nasal outline, Nasal root (bridge), Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose), Nasal base: nostrils (nasal openings), Nasal base: columella (soft tissue between nostrils)
A9BMPB	Dissimilar	U sloping to the right, K almost straight
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	known has different shape nose, wider at tip, not as curved as unk subject
BGZVPT	Dissimilar	Known has a slimmer nose with a faint scar across the bridge

Image Set Q13: Table 4.13(i) - Nose

WebCode	Observation	Feature Notes
BVKBTR	Dissimilar	Nose flair different, both have slant to the right.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	Points to the right in both images.
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Known's nose appears longer and there's a horizontal line at the top of unknown's nose that is not on the known.
E2YXFT	Dissimilar	Shape and size are different, tip of the nose is wider and more bulbous on known image
E7JQ38	Dissimilar	Dissimilar nose width body, nose tip shape, columella width, prominence of nostrils and alae shape.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	different pitch impacting direct view of nose; Unknown's nose has a wider base, the bridge is crooked, the alars are more prominent, and the tip appears more pointed.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a bend to the nasal tip and horizontal crease through the nasal root. known has a wider nasal tip
HVURP4	Dissimilar	The bridge of the nose on the known image appears thinner at the top than that of the unknown image. The unknown image has a distinct/deep crease on the bridge of the nose at the top between the eye area. The nostrils on the unknown are wider and more flared than the known. The tip of the nose on the known is wider and blockier than the smaller rounded tip on the unknown image.
J4778Z	Dissimilar	bulbous in one and thin in the other.
JEFCV2	Dissimilar	bridge, tpe, and nostrils all display dissimilar shapes and curvatures
KCVE8G	Dissimilar	The tip of unknown's nose is smaller than the tip of known's nose. The nostrils on the unknown image flare upward, outward and are larger than known's smaller, less pronounced nostrils. The distance from the left and right medial canthus to the left and right ala is greater in the known subject image than in the unknown image. the nasal body of unknown is longer, and curves to the right unlike the straight and narrower nasal body of the known image
KRVVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has a deep nasion crease at nasal root with a consistent thickness to the nasal body to nasal tip, with large nostrils, and wide ala. K has a thinner nasal root that slowly widen to the nasal tip with narrow ala.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	

Image Set Q13: Table 4.13(i) - Nose

WebCode	Observation	Feature Notes
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The nasal root appears to be indented in the known and not the unknown. The nasal body appears to be pronounced and asymmetric in the unknown. The nostrils appear to be wider on the unknown. The nasion crease appears to be deeper on the unknown.
QFUJLW	Dissimilar	Nasion crease is not similar in size/shape/location. Nasal root is not similar in width. Nasal body is not similar in shape/contour/width. Nasal tip not similar in size/shape. Ala are not similar in size/shape.
QKRZZB	Dissimilar	The length of the nasal width appears to be dissimilar between the probe and candidate. The length of the nasal body is dissimilar. The probe looks to have a narrower nasal body compared to the candidate,
QT8L8U	Dissimilar	Thickness of the nasal root, thickness of the nasal body, and width of the nasal tip all appear dissimilar. Also, the known has a prominent crease at the top of the nasal root that is not apparent in the unknown
QY9X6C	Dissimilar	Nasion crease is visible in the unknown but not the known, nasal root is wider in the unknown, nasal base is wider in the unknown, nostrils are visible in the unknown but not the known due to head tilt, ala is thinner in the unknown, tip of nose comes more to a point in the unknown where the known is more rounded, unknown nose slants to the right towards the base, crease/mark on the bridge of the known nose that is not visible in the unknown, white spot near the nasal root in the known that is not visible in the unknown, nasolabial folds are dissimilar in size/shape/location
RJB49C	Dissimilar	Known candidate's nose is wider at the tip than unknown. Also, creases at the upper bridge between eyebrows differ.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown has a deep nasion crease.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	shape of the nose appears to differ - unknown nose appears to be more pointed - nasal base differs greatly with creases - nasolabial folds differ in prominence
UGXDTR	Dissimilar	the unknown has a prominent horizontal crease at the nasal root that is not present in the known; the nasal root width is slightly more narrow in the known; the unknown appears to have a more narrow and defined nasal bridge extending down into a more defined and narrow nasal tip compared to the known; the unknown's nasal alae appear more round in shape
VGDWFB	Dissimilar	Overall shape ,prominence
WK96YB	Dissimilar	

Image Set Q13: Table 4.13(i) - Nose

WebCode	Observation	Feature Notes
X2TF24	Dissimilar	Nasal root appears wider and more protruded on U; nasion crease appears higher and more prominent in U; nasal body appears to get more narrow going down into tip in U; nasal body appears to get wider going down into tip of K; nasal tip appears larger/wider/more bulbous in K, more rounded in U; width of columella appears dissimilar; alae appears dissimilar in shape; nostrils appear larger in U, may be due to pitch; nasolabial folds appear dissimilar in shape/length/prominence
Z9L8L3	Dissimilar	The tip of the nose is wider in the known than unknown
ZCKK6L	Dissimilar	size is similar, but shape is dissimilar as the known's is relatively straight and cone shaped whereas the unknown's is crooked; nasal bridge is dissimilar as the known's is narrower, whereas the unknown's is wider, shallower, and possesses a distinct arched nasion crease; nasal body is dissimilar as the known's is linear and more defined and has a curved crease across the middle, whereas the unknown's is crooked/curved and protrudes to a greater degree; nasal base is dissimilar, as the known's is narrower, with insignificant but thicker alae, "u" shaped nasal tip, and smaller nostrils, whereas the unknown's is wider, nasal tip is "v" shaped, alae flare out and are thinner, and nostrils are larger; nasolabial folds are dissimilar, as the known's are shorter, linear in nature, and not as defined, whereas the unknown's are longer, extend beyond the corners of the mouth, are curved at the ends, and are deeper/more prominent

Features Observations Response Summary - Q13 Nose		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	0 (0.0%)	
Dissimilar	60 (96.8%)	
Inconclusive	2 (3.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q13: Table 4.13(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Curvature of the left and right helix is dissimilar. Shape of the antihelix is dissimilar. Knowns ear lobes are rounded; unknowns are more linear.
3UFTE6	Dissimilar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The ear shape and size are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Overall shape of ears is different between two subjects.
8BND4V	Dissimilar	overall shape of ears of Known(1) is rounder than Unknown(2); overall thickness of left/right helix of Known(1) is thicker than Unknown(2); curve of helix of right ear of Unknown(2) appears to have slight divot not present for Known(1); left/right antihelix of Known(1) appear to have slightly more rounded curve than Unknown(2)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	ear shapes and sizes are different, helix shapes and earlobe shapes are different, antihelix shapes and tragus shapes are different
9WM27B	Dissimilar	Overall ear shape and size is dissimilar. Notch on helix of right ear of unknown is not observed on known. the ear lobes (attached vs detached) is dissimilar. Overall amount of scaphoid fossa is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Tragus: size (L)Dissimilarities include: Asymmetry - L ear more protruding than R in Q1, not observed in R1 & asymmetry in ear angles dissimilar; Ear protrusion; Overall ear: size, shape, angle; Helix: size, shape; Tubercles: size, shape, quantity (possible tubercle observed on mid R helix in Q1); Antihelix: size, shape; Tragus: size (R), shape; Concha: size, shape; Scaphoid fossa: size, shape; Lobe: size, shape Not comparable: (due to pose in one or both images) Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Tragus: protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: attachment; Abnormalities
A8F4MA	Dissimilar	Asymmetry between left and right ears, Right and left ear protrusion, Overall right ear, Overall left ear, Right and left ear helix, Right and left ear antihelix, Right and left ear lobule (lobe)
A9BMPB	Dissimilar	Different outline for both ears, U has a longer scaphoid fossa and smaller more protruding lobes
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	lobes look different
BGZVPT	Dissimilar	Unknowns ears are longer and further away from head

Image Set Q13: Table 4.13(j) - Ears

WebCode	Observation	Feature Notes
BVKBTR	Dissimilar	ends are skinnier on unknown, shapes of edges different, left ear more flared on unknown. more rounded ears on known, flare angled on unknown.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Ears appear very different. Known's appears to be thicker around the edge than in the unknown's. Top of unknown's ears appear to be further from the head than the known's.
E2YXFT	Dissimilar	Helix on unknown image is narrower and the overall shape different
E7JQ38	Dissimilar	Dissimilar ear shape, angle, lobe attachment, tragus prominence, helix shape, notch, anti-helix and fossa
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	very dissimilar; dissimilar ear shape, helix thickness, antihelix shape, tragi shapes, and lobe lengths. Unknown has a tubercle on right helix.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Known has a thicker helix. Unknown has lobes that slightly flip out and a tubercle on the right ear.
HVURP4	Dissimilar	The left ear of the unknown image are longer and jut's outwards. The left ear has more of a cut out along the helix going down towards the lobe. The lobe of the unknown appears to be more rounded than that of the unknown. There are 2 creases on the known's left lobe that are not present on the unknown image.
J4778Z	Dissimilar	very different size and shape.
JEFCV2	Dissimilar	overall shape dissimilar, lobes not curved the same
KCVE8G	Dissimilar	Unknown's ears are longer than known ears. Unknown's ears are thinner than known's, thicker, fleshier ears. The tip of unknown's ears are higher than known's ears. The superior crus, interior crus, tragus, helix, scapha, antihelix, concha, antitragus, and ear lobes are all inconsistent in contour, shape, thickness and size. between the known and unknown images.
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Unk has large upper ears with thin helices and a small detached lobes. K has thick helices and more protruding anti-helices with thicker and wider detached lobes.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	

Image Set Q13: Table 4.13(j) - Ears

WebCode	Observation	Feature Notes
PT369V	Dissimilar	
QCV8PW	Dissimilar	The known's left ear appears to have a thicker helix, the contour of the helix is straighter, the antitragus shaping is dissimilar, and the shaping of the antihelix is dissimilar. The known's right ear appears to have a thicker helix, more prominent antihelix, different lobe shaping, and different helix contour.
QFUJLW	Dissimilar	Helix is not similar in size/shape. Anti-helix is not similar in size/shape. Anti-tragus is not similar in shape. Tragus is not similar in size/shape. Lobe is not similar in size/shape.
QKRZZB	Dissimilar	The shape and thickness of the left and right helix of the ears appears to be dissimilar. The candidate looks to have a thicker helix compared to the probe. The shape of the lobes appears to be dissimilar. The shape of the tragus looks to be different between the probe and candidate.
QT8L8U	Dissimilar	Everything about the ears is dissimilar
QY9X6C	Dissimilar	Shape is dissimilar – known is more rounded throughout and the unknown is round at top and narrows down, ear lobes protrude outwards in the unknown, creases on ear lobes of the known that are not visible in the unknown, helix is thicker in the known, antihelix is thicker in the known, scaphoid fossa is larger in the unknown, shape of tragus is dissimilar
RJB49C	Dissimilar	Known candidate has more round ears that are shorter top to bottom and protrude consistently on either side. Unknown candidate has longer ears which protrude more at the top than bottom.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has a full, thick helix compared to the very thin helix of unknown.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	overall outline of ears differ in shape - shape of the ear features differ greatly
UGXDTR	Dissimilar	the unknown's ears appear much larger in overall size; the known's upper helices appear thicker and more pointy in shape; the unknown's ear lobes appear more thick and extend out further from the head; the unknown has more open space in between the helix and the anti-helix; the known has a prominent crease on the left ear lobe that isn't present on the unknown
VGDWFB	Dissimilar	Asymmetry between left and right ears
WK96YB	Dissimilar	
X2TF24	Dissimilar	Shape of helix/antihelix, protrusion of antitragus, protrusion/shape of tragus, length of lobes all appear dissimilar in left ear and right ear of both; overall size of ears larger in U
Z9L8L3	Dissimilar	The helix in the unknown is much thinner than the known

Image Set Q13: Table 4.13(j) - Ears

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	shape, size, and degree of protrusion is dissimilar; known's ears are smaller, have thicker helices, are rounded at the tops and bottoms, and protrude to a greater degree, whereas the unknown's are elongated, have thinner helices, are closed to the head, and are more linear in shape with rounded earlobes; unknown's antihelices are thicker and curved to a greater degree; scaphoid fossa shape and size is dissimilar, as the known's is rectangular in shape and much smaller, whereas the unknown's is trapezoidal in shape and larger; earlobes are dissimilar, as the known's are larger and thicker, whereas the unknown's are thinner, smaller, and more elongated

Features Observations Response Summary - Q13 Ears		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	0 (0.0%)
	Dissimilar	62 (100.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q13: Table 4.13(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Similar	Fissure has a similar opening. Lips are fairly thin on known and unknown. Knowns lower lip has crease, not found on the unknown.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The fullness of the lower lip is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both have thin lips. Cupids bow appears smaller on known and wider on unknown.
8BND4V	Dissimilar	overall upper lip of Unknown(2) appears thinner; shape of cupid's bow of Unknown(2) has longer more rounded u-shape compared to a smaller more v-shape of Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	mouth fissure is different, lip shapes are also different
9WM27B	Dissimilar	overall mouth shape is dissimilar. upper and lower vermillion borders are dissimilar. thickness of upper and lower lips are dissimilar. texture of lips is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Upper lip: fullness, protrusion; Lip fissure: degree of contact Dissimilarities include: (some may be due to differences in pose and expression in Q & R) Overall mouth: shape; Upper lip: shape, upper vermillion border shape; Lower lip: shape, fullness, protrusion, lower vermillion border shape; Lip fissure: shape, angle; Asymmetry Not comparable: (due to obstructions, image quality and closed mouth expression in one or both images) Philtrum: prominence, width of ridges, width of furrow; Upper/lower lip: detail; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Dissimilar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Dissimilar	Sloping down on the left side for U, and on the right for K
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	different fissure
BGVPT	Dissimilar	Unknown has slender lips
BVKBTR	Dissimilar	middle tip of upper lip not the same, creases not on both, slant to left on unknown not similar,
BYKLNLR	Dissimilar	

Image Set Q13: Table 4.13(k) - Mouth

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Unkown's mouth appears a bit wider and more crooked than the known's.
E2YXFT	Dissimilar	Thinner lips on unknown image
E7JQ38	Similar	Similar mouth relative size and lip fullness.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	lower lip is similar in shape and fullness; upper vermillion border shape is dissimilar, but this difference in cupid bow shape could be due to difference in mouth position.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Similar	Lips are similar in thickness
HVURP4	Dissimilar	The known image has fuller lips than the unknown image. The cupid's bow of the known is tighter/closer together than that of the spread out cupid's bow on the unknown image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	cupid's bow different (double point in unknown). Wider in unknown, may be due to expression
KCVE8G	Dissimilar	Both known and unknown's upper and lower lips are thin and straight. The lower lip of known is fuller than unknown. Width of the mouth is smaller on unknown image. Unknown's philtrum is more defined than known. The cupid's bow has a slight curve in the known image and is dissimilar to the contour of the cupid's bow on the unknown image. Both known and unknown subjects have short facial hair around the upper lip and chin that is inconsistent in growth pattern and color.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	Difference in expression. Unk has a wider mouth with thin lips and deep, long nasolabial creases. K has a small mouth with many creases visible in the lower lip not in common with Unk. Both have mustache over upper lips with Unk having a more visible vermillion border.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The lips appear to have a similar thinness on both subjects. The coloration of the lips appears to be dissimilar. The lower lip appears to be more protruding in the known. The mouth appears to be more asymmetric on the unknown.

Image Set Q13: Table 4.13(k) - Mouth

WebCode	Observation	Feature Notes
QFUJLW	Dissimilar	Vermillion border is not similar. Lips are not similar in size/thinness/color. Philtrum is not similar in size/shape/location
QKRZZB	Dissimilar	The mouth fissure appears to be dissimilar. The probe appears to have a thinner upper lip compared to the candidate.
QT8L8U	Dissimilar	Upper and lower vermilion borders, fissure, and vertical lip lines appear dissimilar
QY9X6C	Dissimilar	Width is wider in the unknown, lips are thinner in the unknown, fissure of the mouth is dissimilar, marionette lines are dissimilar in shape/size, cupid bow shape is dissimilar, philtrum size/shape is dissimilar, bottom lip of known protrudes out further
RJB49C	Inconclusive	The upper lip of known candidate is not visible due shading from lights. Te lower lip of known is moure full that that of unknown. Mouth shapes are similar.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Inconclusive	
U67NZD	Inconclusive	
U8BE68	Dissimilar	mouth differs in shape due to expression - relative thickness of lips differ - creases around the mouth differ
UGXDTR	Dissimilar	similar overall size; the unknown appears to have a wider philtrum with a much more wide cupid's bow area or distance between the upper lip alae; similar thickness/prominence to the lips; the lip fissure shape appears similar; the unknown appears to have a more prominent upper vermilion border
VGDWFB	Dissimilar	Upper lip (fullness)
WK96YB	Inconclusive	
X2TF24	Dissimilar	Distance from nasal base to upper lip appears longer in U; philtrum appears more prominent in U; upper vermilion border and fullness of upper lip appear dissimilar; lower vermilion border appears dissimilar, lower lip appears fuller on left lower lip than right in both; creases appear dissimilar on lower lip; mentolabial sulcus appears farther down in U
Z9L8L3	Dissimilar	The unknown's lips are very thin.
ZCKK6L	Dissimilar	shape and size are somewhat similar however the known's lips are thicker/fuller; fissure shape is dissimilar, as known's slightly curves upward, whereas the unknown's curves down; upper vermilion border is dissimilar, as known's is shorter and makes a "m" shape, whereas the unknown's is elongated and possesses a distinct "u" shape

Features Observations Response Summary - Q13 Mouth		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	8 (12.9%)	
Dissimilar	46 (74.2%)	
Inconclusive	7 (11.3%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q13: Table 4.13(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Inconclusive	
2XLVQ2	Similar	There is a difference in angles. Curvature of the chin appears to be similar.
3UFTE6	Dissimilar	
44J8XH	Unable To Compare	
474EX6	Similar	The jawline is similar.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Known has a square protruding chin that appears wider than unknown. Unknown chin appears longer (from bottom lip to bottom of chin) than known.
8BND4V	Dissimilar	chin appears slightly wider/rounder in chin for Known(1) than Unknown(2), difference in angle of the head
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	gonial angles and chin shapes are different, unknown has a pudgier jawline
9WM27B	Dissimilar	jawline, shape, width and length of chin are dissimilar.
A4GTRA	[Not Reported]	Similarities include: Chin: width relative of rest of face, prominence Dissimilarities include: Chin: overall shape, length; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry - prominence to lower R of chin in R1, not observed in Q1 Not comparable: (due to image quality in one or both images) Chin: details
A8F4MA	Dissimilar	Chin
A9BMPB	Dissimilar	Chin width similar, but K has a more defined chin and jawline
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	different length from lip to chin, both are round though
BGZVPT	Dissimilar	Unknown has a more angled jawline with squared chin
BVKBTR	Dissimilar	lines seem deeper on known. middle of chin of known seems more sunk in.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	
D3D3DQ	Dissimilar	Known's chin and jaw appear more defined than the unknown's.

Image Set Q13: Table 4.13(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Stronger jawline and chin on known image
E7JQ38	Dissimilar	Dissimilar chin shape and gonial angle.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Chin shape is similar. Jawline can not be properly compared due to weight differences. There is more spacing between the lower lip and sulcus in Unknown than the Known.
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Unknown has a more round chin and jaw line. possibly due to weight difference. Known has a shorter chin to mouth distance
HVURP4	Dissimilar	The chin/jawline of the unknown is fuller and wider than that of the known image.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	hair growth dissimilar between images
KCVE8G	Dissimilar	The gonial angle is longer in the unknown image and wider in the known image.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	K has a more defined and pronounced chin and jawline, with Unk having a more fleshy jawline. Both have hair on chins with Unk having more gaps in the hair growth pattern.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The chin appears to be wider and more pronounced on the known. The jawline appears to be softer/rounder on the unknown. The length of the chin appears taller on the unknown.
QFUJLW	Dissimilar	Chin is not similar in size/shape. Unknown is more square and Known is more oval. Mentolabial sulcus is not similar in size/shape/location. Gonial ange is not similar
QKRZZB	Dissimilar	The shape of the chin appears to be similar between the probe and candidate.
QT8L8U	Unable To Compare	obstructed by hair
QY9X6C	Dissimilar	Known jawline is more defined than the unknown due to weight, chin is squarer in the unknown, known is rounder, mentolabial sulcus is dissimilar in size/shape/location, length of chin is longer in the unknown, unknown has a double chin, known has loose skin hanging from chin down the neck

Image Set Q13: Table 4.13(I) - Chin/Jawline

WebCode	Observation	Feature Notes
RJB49C	Inconclusive	The chin and jawline of each is similar, but the each have facial hair somewhat obscuring the chin of known candidate.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has a well-defined jawline.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZZ	Dissimilar	
U8BE68	Dissimilar	chin and jawline differ in angle and thickness - unknown jawline appears to be more rounded
UGXDTR	Dissimilar	the unknown appears to have a more rounded/prominent chin with a slightly more defined mentolabial sulcus; the known appears to have a more prominent/defined jawline with a sharper gonial angle
VGDWFB	Dissimilar	Overall shape of chin
WK96YB	Dissimilar	
X2TF24	Dissimilar	Chin appears larger in U, more rounded in K; jawline appears more defined in K, dissimilar in shape
Z9L8L3	Dissimilar	The shape is different in the known and unknown.
ZCKK6L	Dissimilar	rounded shape of the jawline is similar, however the known's is more defined; width, rounded square shape, and prominence of the chin is similar, however the height is dissimilar, as the known's is shorter; unknown has a mentolabial sulcus present that is either not visible or present on the known

Features Observations Response Summary - Q13 Chin/Jawline		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	5 (8.2%)
	Dissimilar	49 (80.3%)
	Inconclusive	3 (4.9%)
	Unable to Compare	4 (6.6%)
	Not Applicable	0 (0.0%)

Image Set Q13: Table 4.13(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Unknowns neck appears to be wider. Known has a prominent Adams apple, not found on the unknown. Relative location of neck creases are dissimilar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The thickness of the neck and the position and amount of the wrinkles on the neck is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Skin is looser on known.
8BND4V	Dissimilar	neck of Known(1) appears to have slightly looser skin than Unknown(2); difference in shape/curve/distribution of visible neck wrinkles
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	neck thickness is different, neck line positions and curvatures are different
9WM27B	Dissimilar	length and width of neck are dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall neck: width (limited), details (loose neck skin observed in R1, not Q1) Not comparable: (due to obstructions in one or both images) Overall neck: height; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	P slimmer, more skin, lines
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Dissimilar	wrinkles don't match up
BGVPT	Dissimilar	Marks and lines do not line up
BVKBTR	Dissimilar	baggy on known, lines don't seem similar,
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Part of the neck is covered by the collar in the unknown. Lines observed on both appear different.
E2YXFT	Dissimilar	Neck is wider and skin more loose on known image

Image Set Q13: Table 4.13(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar neck width and thickness.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Unknown's neck is wider and skin is smoother and firmer. Known's neck is more narrow and skin is looser.
FG99H7	Dissimilar	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	unknown has a wider neck. Known has more visible creases and more textured skin on the neck
HVURP4	Dissimilar	The unknown image has wider neck, while the known image has more of a hanging skin appearance to the neck region. The creases on the neck are not consistent.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	creases and marks not consistent between both images
KCVE8G	Dissimilar	The weight, skin texture, sagging skin under the chin of the known image are inconsistent with the neck of the unknown image.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Dissimilar	Both have neck lines, K has them closer together whereas Unk has one low and one higher.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Unable To Compare	
QCV8PW	Dissimilar	The neck appears to be thinner on the known. The subjects both present with neck wrinkles but they appear to be in a different arrangement and shaping.
QFUJLW	Dissimilar	Not similar in width. Neck wrinkles not similar in quantity/shape/location/contour,
QKRZZB	Dissimilar	The neck wrinkles of the probe and candidate do not line up with one another.
QT8L8U	Dissimilar	Known appears to have a thicker neck, also the unknown has a wattle the known does not have
QY9X6C	Dissimilar	Neck creases are dissimilar in size/shape/location, width of neck is larger in the unknown, length of neck appears to be longer in the unknown, marks on neck are not in the same location
RJB49C	Dissimilar	Known candidate's neck is slightly narrower than unknown. Visible creases on each appear to differ.
RTFBMC	Dissimilar	

Image Set Q13: Table 4.13(m) - Neck

WebCode	Observation	Feature Notes
T9A37R	Dissimilar	Known has a visible wattle.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Inconclusive	
U8BE68	Dissimilar	relative thickness of the neck differs - creases on the neck differ in prominence and location
UGXDTR	Dissimilar	the unknown appears to have a wider neck in size; both individuals have prominent neck creases, but they do not appear similar in shape and relative location
VGDWFB	Dissimilar	neck skin laxity, laryngeal prominence (location on neck)
WK96YB	Inconclusive	
X2TF24	Dissimilar	Neck appears wider in U, may be due to weight change; neck creases present on both dissimilar in shape and prominence
Z9L8L3	Dissimilar	The creases on the neck are different. The known has a saggier neck than the unknown.
ZCKK6L	Dissimilar	short length is similar, however width and musculature is dissimilar, as the known's is narrower, thinner, and the musculature is looser, whereas the unknown's is thicker and wider; neck creases are dissimilar, as the known has two that cross on the right side and then run parallel to each other, whereas the unknown has 3 prominent creases that do not cross and the upper two are shorter than the lowest

Features Observations Response Summary - Q13 Neck		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.2%)
	Dissimilar	53 (85.5%)
	Inconclusive	4 (6.5%)
	Unable to Compare	2 (3.2%)
	Not Applicable	1 (1.6%)

Image Set Q13: Table 4.13(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Growth pattern is similar. Greying in similar areas.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The hair density and position of the beard are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have goatee with some grey hair around bottom of chin. Hair growth on chin is different between two subjects--all over on known and only in certain areas on unknown.
8BND4V	Dissimilar	both have facial hair present above upper lip, below lower lip, and on chin; shape of facial hair present on upper lip of Unknown(2) appears to follow round curve, while Known(1) has presence of divot in shape going toward nose, particularly notable on right side; facial hair on chin of Unknown(2) appears to go slightly further up chin than that of Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	both have goatees, but have different growth patterns in them
9WM27B	Dissimilar	facial hair color, texture, grooming, growth pattern, placement of gray hair, is dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: (some may be due to differences in styling) Above upper lip: shape, density, tonality, orientation, edge definition, continuity, symmetry; Below lower lip: shape, density, tonality, edge definition, continuity, symmetry; Chin: shape, symmetry, density, tonality, edge definition, continuity, texture Not comparable: (due to image quality in one or both images) Above upper lip: texture, detail; Below lower lip: texture, orientation, detail; Cheeks/chin jawline: orientation, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail - not observed
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar style beard/mustache
BGZVPT	Similar	Both have similar facial hair - Goatee
BVKBTR	Inconclusive	seems different growth patterns but uncertain.
BYKLNK	Dissimilar	

Image Set Q13: Table 4.13(n) - Facial Hair

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVV	Dissimilar	different area growth
D3D3DQ	Dissimilar	Facial hair color and pattern is different.
E2YXFT	Dissimilar	Hair density and distribution is different
E7JQ38	Dissimilar	Dissimilar facial hair color and length.
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	mustache and beard growth in both images, similar grooming style. Hair pattern and hair density dissimilar. Hair not present on Unknown's chin near sulcus, unsure if this is growth pattern or grooming.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Dissimilar	facial hair growth is different. Unknown has less hair under mouth on the chin
HVURP4	Dissimilar	Similar in that they both have light facial hair growth on the mustache and goatee areas. The known images hair coloring is lighter in color while the unknowns is more salt and pepper in coloring.
J4778Z	Dissimilar	different color and growth pattern
JEFCV2	Dissimilar	hair growth pattern and curvature not consistent
KCVE8G	Dissimilar	Both known and unknown subjects have short facial hair around the upper lip and chin that is inconsistent in growth pattern and color.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The facial hair growth pattern appears to be dissimilar. The color and texture of the facial hair appears to be different. The area of non-growth on the chin appears to have a different contour. Neither subject presents with noticeable hair on the cheeks.
QFUJLW	Dissimilar	Not similar in color/shape/growth pattern
QKRZZB	Dissimilar	The growth pattern of the facial hair is different. The probe appears to have white in their beard while the candidate doesn't have as much.
QT8L8U	Inconclusive	Grooming appears similar, but growth pattern appears different

Image Set Q13: Table 4.13(n) - Facial Hair

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Both have a goatee but the growth is dissimilar, the color is dissimilar – the known is darker with more gray, hair appears to cover the chin in the known but there are gaps in the unknown, mustache is fuller in the known and the location is dissimilar
RJB49C	Dissimilar	Both candidates have short goatee, with unknown having longer growth. The hair color of each is different.
RTFBMC	Dissimilar	growth patterns are different
T9A37R	Dissimilar	Unknown facial hair has hairless patches compared to full on the known.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	both subjects have facial hair - facial hair style appears to be similar - color appears to differ
UGXDTR	Dissimilar	both individuals have a trimmed goatee with areas of gray growth on the chin; the known appears to have more consistent growth on the chin part of the goatee
VGDWFB	Dissimilar	Facial hair above upper lip (spatial distribution) Facial hair below chin shape
WK96YB	Similar	
X2TF24	Inconclusive	Facial hair present in both, appears dissimilar in texture; growth pattern appears somewhat dissimilar, similar variation in color
Z9L8L3	Dissimilar	Both have facial hair, but the growth is different.
ZCKK6L	Dissimilar	color, shape, and growth distribution is dissimilar, as the known's is red/brown in color with some greying on either side of the chin and hair is sparsely distributed throughout the chin, whereas the unknown's is dark colored with similar greying on the sides of the chin, however has a lack of growth throughout the chin region, with the exception of the "v" shape beneath the lower lip

Features Observations Response Summary - Q13 Facial Hair		Total Participants: 61
Response	Percent Reported	
Similar	18 (29.5%)	
Dissimilar	38 (62.3%)	
Inconclusive	3 (4.9%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.3%)	

Image Set Q13: Table 4.13(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Location and amount of frontal lines are dissimilar. Relative location of the vertical glabellar line is dissimilar. Unknown has a nasion crease, not found on the known. Crease on the knowns nasal body, not found on the unknown. Infraorbital creases are dissimilar.
3UFTE6	Dissimilar	
44J8XH	Inconclusive	
474EX6	Dissimilar	The overall wrinkles are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Lines around nose and mouth are much longer on unknown and make a curve around lips. See above for further descriptions
8BND4V	Dissimilar	Unknown(2) has more prominent nasolabial folds with longer/rounder curves toward mouth than Known(1) which has straighter angle to curve; Unknown(2) has prominent nasion crease not present for Known(1); Unknown(2) has more centered vertical glabellar line between both eyebrows while Known(1) has two more prominent vertical glabellar lines curving from medial ends of eyebrows
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	nasolabial line angles and curvatures are different, other lines discussed in above categories
9WM27B	Dissimilar	Frontal line placement, depth, length, beginning and end points are dissimilar. Nasion crease of unknown is significant and deep, and not observed on known. glabellar lines are dissimilar in placement depth and angle. nasolabial fold beginning and end points, length, depth are dissimilar. periorbital creases are dissimilar in placement, length, depth. Buccal creases of unknown are not observed in known.
A4GTRA	[Not Reported]	Dissimilarities include: (most facial lines different in shape and location, except for sup. pal. crease which is different in visibility due to eyelid shape) Frontal lines; Vertical glabellar; Nasion crease; Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Infraorbital crease; Nasolabial crease; Buccal creases; Wrinkles on neck; Mentolabial sulcus Not comparable: (not observed) Lateral nasal lines; Bifid nose crease; Circumoral striae; Marionette lines; Cleft chin; Other creases
A8F4MA	Dissimilar	Frontal lines (forehead wrinkles), Vertical glabellar line, Right and left superior palpebral, Right and left inferior palpebral crease, Right and left infraorbital creases, Right and left nasolabial crease/folds Wrinkles on neck
A9BMPB	Dissimilar	Different frontal lines, nasolabial lines and vertical glabellar lines, pattern crows feet, necklines
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	

Image Set Q13: Table 4.13(o) - Facial Lines

WebCode	Observation	Feature Notes
BF6CMR	Dissimilar	don't match up on forehead, around eyes and mouth
BGZVPT	Dissimilar	Both have forehead lines but the lines do not line up
BVKBTR	Dissimilar	more rounded on known image. lines different on known flow from eyes down cheek to neck-not on unknown
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Facial lines observed on both, but they differ in appearance and location.
E2YXFT	Dissimilar	Nasal bridge has a very distinguishable crease on unknown image, lines on the forehead do not match, creases in the corner and under the eyes are different
E7JQ38	Dissimilar	Dissimilar forehead crease, glabellar placement, nasion crease, nasolabial folds depth, neck creases and periorbital number and position.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	all lines and creases dissimilar, Unknown has a pronounced transverse nasal line
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Know has more defined forehead creases and has visible interorbital creases. other creases discussed throughout.
HVURP4	Dissimilar	Noted above.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	not consistent in location or relationship throughout features within images
KCVE8G	Dissimilar	previously mentioned
KRVGN	Dissimilar	
KZ6KVM	Dissimilar	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	Neck, Forehead

Image Set Q13: Table 4.13(o) - Facial Lines

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The subjects both present with frontal lines but they are in a different amount and arrangement. There are more creases between the brows of the known. The infraorbital lines appear to be longer and more pronounced on the unknown. The periorbital lines appear to have a different amount and angle on both subjects.
QFUJLW	Dissimilar	Discussed earlier sections
QKRZZB	Dissimilar	The frontal lines on the forehead do not line up between the probe and candidate. The nasolabial folds are also inconsistent in length and position. The vertical glabellar lines are dissimilar as well. The periorbital creases are dissimilar The probe has a nasion crease while the candidate does not have one.
QT8L8U	Dissimilar	Frontal lines on the forehead do not appear to be in the same spot and run different lines, the unknown has an increased amount of left and right periorbital creases compared to the known
QY9X6C	Not Applicable	
RJB49C	Dissimilar	Creases on the forehead, between the eyebrows, around the eyes, and at the cheeks and mouth are inconsistent.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has deep frontal lines that run mostly horizontally straight while unknown frontal lines are arched.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Dissimilar	
U8BE68	Dissimilar	mentioned in the forehead, nose, eyes, mouth and neck
UGXDTR	Dissimilar	the known has prominent angled upwards creases towards the left eyebrow compared to the unknown
VGDWFB	Dissimilar	Frontal line (horizontal different quantity),nasion crease,
WK96YB	Dissimilar	
X2TF24	Dissimilar	Previously mentioned
Z9L8L3	Dissimilar	Overall creases in the face are different.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q13 Facial Lines			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	4 (6.6%)	
	Dissimilar	55 (90.2%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	1 (1.6%)	

Image Set Q13: Table 4.13(p) - Scars

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Dissimilar	Known has scar on bridge of nose
8BND4V	Not Applicable	
8FHAQ2	Dissimilar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Dissimilar	scar on nasal body of known is not observed on known.
A4GTRA	[Not Reported]	Scars not observed in Q & R.
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Scar nasal body on P, lump forehead sup med
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Dissimilar	Known has small scar on bridge of nose
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	Possible scar observed on nose of known not observed in unknown.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q13: Table 4.13(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	there is a vertical light line on Unknown's neck, but I can't tell if it's a scar or an artifact; Known has a possible horizontal scar across the bridge of the nose.
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	The known image appears to have a scar/mark on the middle of the bridge of the nose that is not present on the unknown image.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	potential scar under known eye, not present in unknown image
KCVE8G	Not Applicable	possible scar, line, scratch, crease across the bridge of known's nose that is not on unknown image.
KRWGN	Dissimilar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible
MMPAFW	Not Applicable	
MX9NJY	Dissimilar	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	none noted
T9A37R	Unable To Compare	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	

Image Set Q13: Table 4.13(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q13 Scars			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.7%)	
	Dissimilar	10 (16.7%)	
	Inconclusive	3 (5.0%)	
	Unable to Compare	1 (1.7%)	
	Not Applicable	45 (75.0%)	

Image Set Q13: Table 4.13(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Dissimilar	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	
9NAAFD	Not Applicable	no marks of note
9WM27B	Dissimilar	facial mark on right lower chin of unknown is not observed on known.
A4GTRA	[Not Reported]	Dissimilarities include: Possible facial mark observed on mid-L forehead adjacent to L hairline - observed in Q1, not R1
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed
BVKBTR	Not Applicable	Doesn't appear to be many marks on either
BYKLNK	Dissimilar	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No facial marks observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial marks not observed.
E9D7GU	Inconclusive	

Image Set Q13: Table 4.13(q) - Facial Marks

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	there is a mark or blemish on Known's left neck and very small marks on left cheek; Unknown possibly has a mark on left lower vermilion border, or it's an artifact
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	Noted above.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	not consistent in locations or relationship to features around
KCVE8G	Dissimilar	previously mentioned
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	
PT369V	Unable To Compare	
QCV8PW	Not Applicable	
QFUJLW	Dissimilar	Discussed earlier sections
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Not Applicable	
U8BE68	Not Applicable	no noticeable facial marks

Image Set Q13: Table 4.13(q) - Facial Marks

WebCode	Observation	Feature Notes
UGXDTR	Not Applicable	none observed
VGDWFB	Dissimilar	Bruises on Forehead
WK96YB	Not Applicable	
X2TF24	Dissimilar	Facial marks present on K not visible on U, may be transient
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q13 Facial Marks			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.7%)	
	Dissimilar	17 (28.3%)	
	Inconclusive	3 (5.0%)	
	Unable to Compare	1 (1.7%)	
	Not Applicable	38 (63.3%)	

Image Set Q13: Table 4.13(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Different pose, shadows
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	different pose- shadows
9NAAFD	Not Applicable	no alterations
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Alterations not observed in Q & R.
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	None noticed
BVKBTR	Dissimilar	Pierced ears seem in different position.
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Inconclusive	

Image Set Q13: Table 4.13(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	potential aging and weight difference
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	
PT369V	Similar	facial expression
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q13: Table 4.13(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q13 Alterations			Total Participants: 57
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (5.3%)	
	Dissimilar	5 (8.8%)	
	Inconclusive	2 (3.5%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	47 (82.5%)	

Image Set Q13: Table 4.13(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, compression, resolution and other imaging conditions.
E7JQ38	Limitations	NotApplicable	Image quality, pose and occlusion (beard).
EYNFWN	head position		dissimilar pitch
QY9X6C	Overall Image Quality	Dissimilar	Both good frontal images, known image is darker in lighting, unknown head is tilted back, known is closer to the camera

Detailed Feature Observations

TABLE 4 - Image Set Q14

Image Set Q14: Table 4.14(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin is similar. Texture of the knowns skin appears to be smoother, possibly due to makeup.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Unable To Compare	Cannot be compared due to one of the individuals having a heavy makeup.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects are lighter skinned white females. Known is wearing make up, unknown does not appear to be wearing make up.
8BND4V	[Not Reported]	Known(1) has more reddish/pink tone than Unknown(2) which can be from difference in lighting/makeup; skin texture appears similar
8FHAQ2	Unable To Compare	
8T7EYX	Similar	
9NAAFD	Similar	skin texture and tone is similar, luminance on cheeks and chin is similar
9WM27B	Similar	skin texture and tone appears similar despite makeup worn by known.
A4GTRA	[Not Reported]	Similarities include: Overall skin appearance: tone Dissimilarities include: (may be due to differences in makeup and lighting in Q & R) Overall skin appearance: texture
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Make-up changes
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar color/texture, pale
BGVPT	Similar	Both have smooth complexion
BVKBTR	Similar	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar.

Image Set Q14: Table 4.14(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar skin tone.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	Skin tone and texture is similar. Known is wearing face makeup.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar texture. Tone is different possible due to sun tan of unknown and makeup of known
HVURP4	Similar	Similar coloring
J4778Z	Similar	similar texture, cleanliness, and color.
JEFCV2	Dissimilar	coloring appears off, believe due to makeup
KCVE8G	Similar	KNOWN AND UNKNOWN have fair skin complexion, Both images appear similar in age, The skin of both known and unknown is very smooth and free from discoloration, blemishes, wrinkles, creases or marks.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	both have light skin with smooth texture. K has full face of makeup.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Inconclusive	The subjects appear to present with a similar light skin tone. The known appears to have a smoother texture but this is likely due to makeup.
QFUJLW	Similar	Similar in light color
QKRZZB	Similar	Skin tones appear to be similar between the probe and candidate.
QT8L8U	Inconclusive	Unable to compare due to the presence of makeup
QY9X6C	Similar	Tone appears to be darker in the known but that's due to lighting and makeup, unknown has more reddish cheeks due to more nature look, texture is similar
RJB49C	Similar	Both candidates have similar skin with the known's skin color being slightly darker, possibly due to makeup.
RTFBMC	Similar	
T9A37R	Similar	

Image Set Q14: Table 4.14(a) - Skin

WebCode	Observation	Feature Notes
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67NZD	Inconclusive	
U8BE68	Similar	skin tone and texture appear to be similar
UGXDTR	Similar	skin tone appears similar, but unknown has slightly different complexion on the upper cheeks; known skin texture appears more smooth, but difference could be due to apparent makeup
VGDWFB	Similar	skin color
WK96YB	Inconclusive	
X2TF24	Inconclusive	Skin appears similar in texture, dissimilar in luminance and tone, may be due to makeup on K
Z9L8L3	Similar	Both are white females, very nice skin
ZCKK6L	Similar	smooth texture and lighter complexion is similar, however the known appears to be more tanned, but this can be attributed to the application of makeup, lighting, or sun exposure differences; unknown has some redness in the cheek, nose, and chin regions, that are not visible on the known, but this can be attributed to the application of makeup covering the redness; unknown has more shadowing on the face created by the hat worn

Features Observations Response Summary - Q14 Skin		Total Participants: 61
Response	Percent Reported	
Similar	45 (73.8%)	
Dissimilar	2 (3.3%)	
Inconclusive	10 (16.4%)	
Unable to Compare	3 (4.9%)	
Not Applicable	1 (1.6%)	

Image Set Q14: Table 4.14(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Unable To Compare	Unable to compare, unknown is wearing a hat.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Inconclusive	The lower portion of the face is similar but a conclusion cannot be made because one individual is wearing a hat.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Similar	Both subjects have a thin head with a pointy chin/ jawline
8BND4V	[Not Reported]	visible face/head outline similar; upper face/head outline of Unknown(2) unable to be compared due to being covered by hat
8FHAQ2	Unable To Compare	
8T7EYX	Inconclusive	
9NAAFD	Similar	head shapes are similar going from wider at top and getting a little narrower coming down cheeks
9WM27B	Similar	head outline obstructed by hat however face outline appears similar.
A4GTRA	[Not Reported]	Similarities include: Overall shape of the face Not comparable: (due to obstructions in one or both images) Shape of the cranial vault
A8F4MA	Similar	overall shape of face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	both have oval shape
BGZVPT	Similar	Similar in shape and size. Overall it is oval shaped
BVKBTR	Similar	similar face shape
BYKLNK	Inconclusive	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Outline that is visible is similar.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar shape of the lower face.

Image Set Q14: Table 4.14(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar head length, width, and overall shape. Hat covering Unknown's cranial vault.
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hard to compare due to unknown wearing hat. Both appear to have an oval face.
HVURP4	Similar	Face/head outline is similar in shape and size. Both images are full thru the upper cheeks and narrows towards the chin.
J4778Z	Unable To Compare	hat on
JEFCV2	Similar	face is angled differently towards camera, but appears similar
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent contour, consistent placement of features. Features are consistent in size, weight and symmetry.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Unable To Compare	head covering
MMPAFW	Similar	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Similar	The face/head outline (where visible) appears to have a similar shape with the area around the eyes being wider, then lower gets thinner, and then down to a thinner chin.
QFUJLW	[Not Reported]	Bottom half of the outline is similar in shape.
QKRZZB	Similar	The face outline of the probe and candidate appear to be similar.
QT8L8U	Inconclusive	Head obstructed by hair in one and a hat in the other. Face obstructed by hat in the unknown
QY9X6C	Similar	Width of face/head is similar, bottom part of head is shaped similarly, top of unknown head is covered by hat
RJB49C	Similar	The outline of each candidate's face/head is consistent in the visible portions.
RTFBMC	Unable To Compare	upper portion of head of unknown obscured by hat
T9A37R	Similar	
TLDKJC	Inconclusive	

Image Set Q14: Table 4.14(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	general outline of the lower portion of the face appears to be similar - unknown subject is wearing a hat, unable to compare
UGXDTR	Inconclusive	overall facial shape appears similar; unable to compare cranial vault shape due to unknown wearing a hat
VGDWFB	Inconclusive	Overall shape of face
WK96YB	Similar	
X2TF24	Similar	Face shape appears similar from what is visible, superior part is obstructed by hat; unable to compare cranial vault
Z9L8L3	Similar	No dissimilarities noted
ZCKK6L	Similar	upper portion of the unknown's head is not available for comparison due to the coverage of the hat, however the lower 2/3rds of the face is similar in the defined angular "v" shape that narrows as the rounded chin is approached

Features Observations Response Summary - Q14 Face/Head Outline		Total Participants: 60
<u>Response</u>	<u>Percent Reported</u>	
Similar	40 (66.7%)	
Dissimilar	0 (0.0%)	
Inconclusive	8 (13.3%)	
Unable to Compare	10 (16.7%)	
Not Applicable	2 (3.3%)	

Image Set Q14: Table 4.14(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Similar	Nose to mouth distance is similar. Inter canthal distance is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The overall composition of the face is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Unable To Compare	
6VNPYY	Similar	Features are spaced similarly
8BND4V	Similar	similar distance from nasal tip to upper lip; similar distance from lower lip to bottom of chin; similar intercanthal distance
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	features are in similar positions relative to the other features of the face in known and unknown
9WM27B	Similar	head composition obstructed by hat however face composition appears similar as well as placement of features and distance between features.
A4GTRA	[Not Reported]	Similarities include: (face length considered from glabella to chin due to obstruction to forehead) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length Dissimilarities include: (may be due to differences in pose in Q & R) Approximate distance from chin to lower lip relative to face length; Eye position relative to face length Not comparable: (due to obstructions in one or both images) Ear position relative to eyes, nose, and mouth
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	eyes, nose and mouth are in same proportion
BGZVPT	Similar	All features are similarly set
BVKBTR	Similar	similar
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q14: Table 4.14(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Composition is similar.
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Similar	Similar nose and mouth width relative to the eyes.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar feature spacing and placement on face
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Facial features in the same relative position on both faces
HVURP4	Similar	Face/composition is similar in that the features are consistent in location within the two images.
J4778Z	Similar	facial composition is similar
JEFCV2	Similar	feature relationship to one another very similar
KCVE8G	Similar	KNOWN AND UNKNOWN features are symmetrical, left and right sides of the face are similar in size, shape and position between the two halves. Although the features are symmetrical, each subject has a similar facial expression with a sideways smile, the lips appear purposely twisted toward the right side of the face
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	Both have similar sized and positioned features. Expression is similar for both
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The features of the face appear to have a similar vertical and horizontal alignment.
QFUJLW	Similar	Features on the face are very similarly placed. The nose is placed in a similar location relative to the eyes and mouth. Mouth is placed in a similar location between the chin and nose.
QKRZZB	Similar	The intercanthal distance of eyes appear to be similar between the probe and candidate. The distance from the eyebrows to the eyes appears to be similar between the probe and candidate. The distance from the nasal tip to the upper lip appear to be similar.
QT8L8U	Inconclusive	Head obstructed by hair in known and a hat in the unknown. Facial composition appears to be similar

Image Set Q14: Table 4.14(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QY9X6C	Similar	Distance from eyes to mouth is similar, distance from nose to mouth is similar, distance from mouth to chin is similar, distance between eyes is similar
RJB49C	Inconclusive	
RTFBMC	Similar	limited comparison to lower portion of face/head
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	relative shape and size of facial features appear to be similar
UGXDTR	Similar	similar relative size, proportion and symmetry to the facial features
VGDWFB	Unable To Compare	
WK96YB	Similar	
X2TF24	Similar	Facial features appear similar in relationship to one another
Z9L8L3	Similar	No dissimilarities noted
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features are consistent with respect to each other and their location on the face, such as the alignment of the width of the nose with the medial canthi and corners of the mouth with the inner perimeter of the irises

Features Observations Response Summary - Q14 Face/Head Composition		Total Participants: 60
<u>Response</u>	<u>Percent Reported</u>	
Similar	52 (86.7%)	
Dissimilar	1 (1.7%)	
Inconclusive	2 (3.3%)	
Unable to Compare	2 (3.3%)	
Not Applicable	3 (5.0%)	

Image Set Q14: Table 4.14(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Inconclusive	Tone of the hair appears to be slightly darker on the known. Unable to compare further details, unknown is wearing a hat.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The hair texture and color are similar.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Similar	Both subjects have long dark brown hair. Unknown hair is in a pony tail and is wearing a hat. Known has hair down and parted on right side.
8BND4V	Inconclusive	hair of Known(1) is down while Unknown(2) has hair pulled up and back; hair of Known(1) appears slightly darker than Unknown(2) which can be due to difference in lighting/sun exposure; appear to have similar texture; unable to compare hairlines due to being covered by hat of Unknown(2)
8FHAQ2	Similar	length colour is similar
8T7EYX	Inconclusive	
9NAAFD	Not Applicable	unable to see much of unknown's hair due to hat, appears her hair is lighter than known's though which could be a dye difference
9WM27B	Similar	hairline is obstructed however the color texture and length of hair appears similar.
A4GTRA	[Not Reported]	Similarities include: Hair: texture, tonality, spatial distribution (for visible lengths only) Dissimilarities include: (may be due to differences in hair styling in Q & R) Hair: density Not comparable: (due to obstructions in one or both images) Hair: shape, symmetry; Forehead hairline: shape; Hairline right side: shape; Hairline left side: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Similar texture. Mostly covered/obscured
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	same color, can't see hairline in unk subject
BGZVPT	Similar	Of what can be seen both have long, dark, thick hair. Unknown has a hat on that obscures most of her hair.
BVKBTR	Inconclusive	similar color and texture
BYKLNK	Unable To Compare	
CBAKDA	Similar	
D2JEWV	Unable To Compare	

Image Set Q14: Table 4.14(d) - Hair

WebCode	Observation	Feature Notes
D3D3DQ	Similar	From what is visible, hair texture is similar.
E2YXFT	Inconclusive	Texture seems similar
E7JQ38	Similar	Similar hair length and texture.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Similar	A hat is covering Unknown's hairline and hair is pulled back. Visible portion of hair is similar in color and texture. Sunlight in photo is highlighting Unknown's hair.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar texture and color. Both straight.
HVURP4	Similar	With the small portion visible on the unknown, hair texture and color appears consistent.
J4778Z	Similar	color and length appear similar
JEFCV2	Dissimilar	known darker, different hairstyles (down vs ponytail), hairline obscured in unknown due to hat
KCVE8G	Similar	KNOWN AND UNKNOWN have long, straight dark hair that rests below the shoulders. The hair is similar in smooth texture. The unknown image is wearing a head covering that is obstructing the top of the head and all of the forehead.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Similar	Both have straight brown/dark brown long hair. Part and hairline are not comparable
MMPAFW	Inconclusive	
MX9NJY	Similar	
NPD6JF	Inconclusive	
PT369V	Similar	
QCV8PW	Inconclusive	The portion of the hair that is visible on the unknown appears to be lighter in color but with a similar texture. The color difference could be due to hairstyle changes or sun exposure.
QFUJLW	Similar	Similar in dark color/texture
QKRZZB	Similar	Hair texture could be similar. The hair color appears to be similar between the probe and candidate.
QT8L8U	Inconclusive	Color and texture appears similar
QY9X6C	Similar	Most of hair is covered by hat in the unknown, hair is down in the known and hair is pulled back in the unknown, both have dark colored hair

Image Set Q14: Table 4.14(d) - Hair

WebCode	Observation	Feature Notes
RJB49C	Inconclusive	Hair on both is similar color and length. Unable to see the style on unknown candidate due to wearing a hat.
RTFBMC	Inconclusive	unknown obscured by hat, similar length
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZZ	Similar	
U8BE68	Similar	hair appears to be similar in dark color - texture appears to be consistent
UGXDTR	Inconclusive	similar dark brown colored hair; similar hair texture; different hair styling with unknown having hair in pony tail; unable to compare forehead/temporal peak hairline growth due to hat in unknown
VGDWFB	Unable To Compare	
WK96YB	Similar	
X2TF24	Inconclusive	Hairline unable to compare; hair appears similar in texture, appears similar in color by neck, lighter down by shoulder of U, may be due to lighting
Z9L8L3	Inconclusive	Both have brown hair, but hard to compare because unknown's is covered by a hat.
ZCKK6L	Inconclusive	majority of the unknown's is covered by the hat and not available for comparison due to the hairstyle displayed, however the dark brown color, straight-type, and apparent silkiness are similar

Features Observations Response Summary - Q14 Hair		Total Participants: 62
Response	Percent Reported	
Similar	27 (43.5%)	
Dissimilar	1 (1.6%)	
Inconclusive	20 (32.3%)	
Unable to Compare	9 (14.5%)	
Not Applicable	5 (8.1%)	

Image Set Q14: Table 4.14(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, covered on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	Cannot be compared due to the hat.
4EKVRZ	Unable To Compare	
4NN6W4	Unable To Compare	
6VNPYY	Unable To Compare	Unknown is wearing a hat which conceals the forehead.
8BND4V	Unable To Compare	unable to compare details of forehead due to being covered by hat of Unknown(2)
8FHAQ2	Unable To Compare	that wearing hat restricts to compare forehead
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see the majority of unknown's forehead due to hat
9WM27B	Unable To Compare	unable to compare due to obstruction by hat.
A4GTRA	[Not Reported]	Similarities include: Brow ridges: prominence (visible portions only) Not comparable: (due to obstructions in one or both images) Forehead shape: relative height, relative width, slope/contour; Brow ridges: continuity
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	hat covering unk
BGVZPT	Unable To Compare	Hat covers the unknowns forehead
BVKBTR	Unable To Compare	can't really compare due to hat.
BYKLNK	Unable To Compare	
CBAKDA	Similar	
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Hat is covering forehead of the unknown.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Forehead not observed in the Unknown due to the hat occlusion.

Image Set Q14: Table 4.14(e) - Forehead

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Unknown's forehead is covered by a hat, unable to compare.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Unable To Compare	unable to compare due to unknown wearing a hat
HVURP4	Similar	Small portion between the eyes that is in common due to hat on the unknown, it does appear consistent in width between the eye region.
J4778Z	Unable To Compare	obstructed
JEFCV2	Not Applicable	can not compare due to hat in unknown image
KCVE8G	Unable To Compare	The unknown image is wearing a head covering that is obstructing the top of the head and all of the forehead.
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	head covering
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	Not able to be compared due to the head covering on the unknown.
QFUJLW	Unable To Compare	
QKRZZB	Similar	Forehead of the probe cannot be compared due to the hat being worn.
QT8L8U	Unable To Compare	Obstructed in unknown
QY9X6C	Unable To Compare	Unknown forehead is covered by hat therefore cannot compare
RJB49C	Unable To Compare	Unknown candidate is wear a hat that obstructs forehead.
RTFBMC	Not Applicable	unknown obscured by hat
T9A37R	Unable To Compare	
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZZD	Unable To Compare	
U8BE68	Not Applicable	forehead of the unknown is covered by a hat

Image Set Q14: Table 4.14(e) - Forehead

WebCode	Observation	Feature Notes
UGXDTR	Inconclusive	unable to compare relative height due to unknown wearing hat; the unknown has a faint crease or scar present vertically at the lower part of the forehead between the eyebrows that is not visible in the known (could be due to makeup)
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Forehead in unknown is obscured by hat
ZCKK6L	Unable To Compare	due to the coverage of the unknown's hat

Features Observations Response Summary - Q14 Forehead			Total Participants: 62
	Response	Percent Reported	
	Similar	3 (4.8%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	3 (4.8%)	
	Unable to Compare	49 (79.0%)	
	Not Applicable	7 (11.3%)	

Image Set Q14: Table 4.14(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Inconclusive	Partially covered on the unknown. Spacing between the brows are similar. Knowns brows are fuller, possibly due to makeup.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Unable To Compare	Cannot be compared due to the hat.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Similar	Unknown hat conceals most of the eyebrows, but what is visible is shaped similarly to known eyebrows.
8BND4V	Similar	lateral ends of eyebrows of Unknown(2) not visible due to being covered by hat; what is visible of medial ends of eyebrows appear to have similar shape/thickness
8FHQAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar starting points at medial ends, similar position above eyes and similar curvatures in both brows
9WM27B	Similar	despite addition of makeup to eyebrows of known, the overall shape, growth pattern, medial beginning points of eyebrows, texture, appears similar.
A4GTRA	[Not Reported]	Similarities include: (Observations for medial ends of eyebrows only) Shape; Size; Position; Density of hair; Hair details; Asymmetry - angle of lower to upper corner of medial eyebrow - more angled on L - observed in Q & R Not comparable: (due to obstructions in one or both images) Lateral ends of both eyebrows; Conjoined - not observed
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Similar	Similar spacing and positioning in relation to each other and eyes (interpreting pitch differences and lashes making it look narrower). Same asymmetry and endpoints
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar shape, width and length
BGVZPT	Similar	Unknowns are partially blocked. Of what can be seen the features are similar in size, shape, and thickness
BVKBTR	Similar	half obscured but what is visible is similar shape and position in center.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q14: Table 4.14(f) - Eyebrows

WebCode	Observation	Feature Notes
D3D3DQ	Similar	From what is visible, eye shape is similar.
E2YXFT	Inconclusive	Little can be observed, but the position of brows is similar in relation to medial canthus of the eyes
E7JQ38	Similar	Similar eyebrow medial end points, growth pattern and tone.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	Known brows are filled in with makeup, Unknown brows are partially covered by hat. Visible portion medial brows is similar.
FG99H7	Inconclusive	
GM7H34	Similar	
H7ZBPM	Similar	Similar hair growth and thickness on the medial side of both eyebrows
HVURP4	Similar	Similar in color and shape. The known images brows have been amended with makeup, but they appear similar in the small portion that is viewable between the two images.
J4778Z	Similar	the portions visible or not blocked by the hat appear consistent in texture and volume
JEFCV2	Similar	majority in unknown obscured by hat. similar coloring, bare line at bottom of left side which appears similar in location and curvature
KCVE8G	Similar	The outside edges of unknown's eyebrows are obstructed by a head covering. The known and unknown images have consistent light to medium colored eyebrows with consistent growth pattern and the inner corner of the eyes. The distance between the eyebrows is consistent in both known and unknown images. There is a single, faint glabellar line between the unknown's eyebrows that is not visible in the known image.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Inconclusive	not fully visible to compare. distance between medial edges are similar and flow of brow ridge to nasal root is similar.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Similar	The medial portion of the brows appear to have a similar asymmetry with the right brow being more medial. The brows on the known appears to be groomed more but the coloration appears to be similar between the subjects. The known's brows appear to be fuller, but this could be due to grooming change or makeup.
QFUJLW	Similar	Similar in color/thickness.
QKRZZB	Similar	The growth pattern and thickness of the probe and candidate appears to be similar.

Image Set Q14: Table 4.14(f) - Eyebrows

WebCode	Observation	Feature Notes
QT8L8U	Inconclusive	mostly obstructed in the unknown by a hat and enhanced in the known by makeup. The distance between the inner corners of the brows appears similar
QY9X6C	Similar	Some of eyebrows is covered by the hat in the unknown, distance from eyebrow to medial canthus is similar, distance between eyebrows is similar, color is similar, texture is similar, shape is similar, vertical glabellar is visible in the unknown but not in the known due to makeup
RJB49C	Similar	Unknown candidate's eyebrows are partially obstructed by hat. The visible portion is similar in color, style and length to known.
RTFBMC	Inconclusive	unknown partially obscured by hat
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	visible portion of the brows appear to be similar in shape and growth size - relative distance between medial ends of brows (compared to the nose) appear to be similar
UGXDTR	Inconclusive	similar color and texture; similar shape of the medial ends of the eyebrows; similar intermedial distance between the eyebrows; unable to fully compare due to hat covering
VGDWFB	Similar	Density of hair within eyebrow and distribution of density
WK96YB	Similar	
X2TF24	Similar	Eyebrows appear similar in width apart; similar in color/shape/angle of what is visible
Z9L8L3	Similar	Some of the unknown's eyebrows are covered by the hat, but what is visible appears to the same color, width and growth as known.
ZCKK6L	Similar	lateral ends are not available for comparison due to the coverage of the hat; dark color, thickness, growth pattern, and square-like shape of the medial ends is consistent, however the known's appear to be fuller, which can be attributed to the application of makeup; approx. distance between the medial ends and distance above the eyes is similar; unknown has a small, shallow, linear scar-like mark or vertical glabellar crease between the brows that isn't visible on the known, but this could be due to the known's application of makeup or time differences

Features Observations Response Summary - Q14 Eyebrows		Total Participants: 62
	Response	Percent Reported
	Similar	48 (77.4%)
	Dissimilar	1 (1.6%)
	Inconclusive	9 (14.5%)
	Unable to Compare	3 (4.8%)
	Not Applicable	1 (1.6%)

Image Set Q14: Table 4.14(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Shape of the eyes are similar. Eyelashes are longer and fuller on the known, possibly due to the use of makeup. Distance from the eyebrows is similar. Left and right medial canthus have a similar shape.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The eye size and pupil are similar.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Inconclusive	Known appears to be wearing fake eyelashes and eye makeup, both hide some features. Overall shape and position of eyes appears similar.
8BND4V	Similar	similar shape/angle/size of left/right medial canthi; overall shape of eye outlines appear similar, Known(1) wearing heavier/darker eyeliner/mascara
8FHAQ2	Unable To Compare	heavy make up restricts to compare eyes
8T7EYX	Similar	
9NAAFD	Similar	similar sizes and shapes, similar medial canthus shapes in both eyes, similar iris sizes and interpupillary distance, similar under eye line curvatures
9WM27B	Similar	eye color, presence of scalars, overall eye fissure appears similar. Eyelashes of known appear altered. shape and slope of medial canthus' appears similar. lower eyelashes appear similar in growth pattern and distribution. protrusion of lower eyelids appear similar. Lower palpebral creases appear similar.
A4GTRA	[Not Reported]	Similarities include: Inter-canthal distance; Interpupillary distance; Eye fissure opening: shape, angle Upper eyelid: prominence (L), protrusion (L), visibility of superior palpebral crease (L - limited), position in relation to iris/pupil; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Eyeball prominence; Iris: visibility, diameter relative to eye opening, position relative to eye opening; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry - R eye sits slightly higher than L - observed in Q & R Dissimilarities include: (may be due differences in expression and makeup in Q & R) Upper/lower eyelid: lash characteristics; Sclera: visibility Not comparable: (due to obstructions in one or both images) Upper eyelid: prominence (R), protrusion (R), visibility of superior palpebral crease (R); Iris: irregularity of iris - not observed
A8F4MA	Similar	Inter-canthal distance, Right and left eye fissure opening (outline) , Right upper eyelid Left upper eyelid, Right and left lower eyelid, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Similar	Similar outline, iris, pupils esp. left being slightly shifted to the right
AE2ZQY	Inconclusive	

Image Set Q14: Table 4.14(g) - Eyes

WebCode	Observation	Feature Notes
AQVDNB	Similar	
BF6CMR	Similar	inner corner and shape are similar, both are brown
BGZVPT	Similar	Both have almond shaped eyes and are the same color
BVKBTR	Similar	same color, similar shape, similar texture surrounding them
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Eye shape is similar and the texture under the eyes is similar.
E2YXFT	Similar	Medial and lateral canthus are similar despite false lashes
E7JQ38	Similar	Similar eye fissure shape, lower eyelid, medial canthus, iris tone and visible sclera.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar size, shape, and width. similar fissure, similar medial canthi shape. similar spacing between eyes and from brows. heavier makeup, eyeliner, and faux lashes in Known.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar in color. Both have an elongated medial canthus of the right eye. Similar eye fissure width. Similar distance between pupils and eyebrows
HVURP4	Similar	Similar in almond shape. The color is consistent and dark brown. The shape of the canthus and the placement in relation to the bridge of the nose is also consistent. There are a few small creases/wrinkle's under the eyes that are consistent as well.
J4778Z	Similar	the medial canthus in both eyes are very similar the eye color and visible sclera are similar
JEFCV2	Similar	known may be wearing cosmetic lashes, color and curvature of eye opening similar, crease under right eye appears similar in location and curvature
KCVE8G	Similar	KNOWN AND UNKNOWN Both have similar dark brown eye color. The intercanthal distance, outer canthal distance, palpebral fissure length, lateral canthus and medial canthus are all consistent in size, shape and contour. Unknown image appears to be wearing heavy make-up on the eyes with exaggerated eyelashes which are accentuating the size and shape of the eyes.
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	K has heavy makeup and false eyelashes but both have dark eyes and similar eye fissures and medial canthi shape.
MMPAFW	Similar	

Image Set Q14: Table 4.14(g) - Eyes

WebCode	Observation	Feature Notes
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	different eyelashes
QCV8PW	Similar	The eyes appear to have a similar asymmetry with the left eye being more medial on both subjects. There appears to be a similar amount of sclera showing on both subjects. The fissure of the eyes appears to be similar with the right medial portion being more pointed than the left medial on both subjects. The eyes appear to have a similar depth. There are similar inferior palpebral creases under the eyes including on that seems to begin under the iris in the left eye.
QFUJLW	Similar	Similar in shape/size/color. Medial canthus is similar in shape/size. Lateral canthus is similar in shape/size. Known is wearing fake eyelashes. Inferior palpebral crease is similar in size/shape/contour
QKRZZB	Similar	The shape of the left and right medial canthus appears to be similar between the probe and candidate. The shape of the eye fissures appears to be similar between the probe and candidate. The shape of the lateral canthus is also similar between the two images.
QT8L8U	Similar	mostly obstructed in the unknown by a hat and enhanced in the known by makeup. The distance between the inner corners of the brows appears similar
QY9X6C	Similar	Shape of eyes is similar, color of eyes is similar, shape/size of sclera is similar, medial canthus is similar in shape, eyelashes are longer in the known due to makeup/alterations, eyelids are more visible in the unknown due to eyelash length, left superior palpebral crease is similar in location, the right is hard to say due to eyelashes, inferior palpebral creases are similar in size/location
RJB49C	Similar	Both candidate's eyes are consistent in shape, color, and spacing. Known candidate has much longer eyelashes, likely due to make and/or extensions. Creases below eyes are consistent.
RTFBMC	Similar	distinct elongated medial canthus
T9A37R	Similar	Both have same amount of upper eye lid reveal.
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	general shape of the eyes appear to be similar - lashes of the known appear to be altered (longer) - medial canthus's appear to be similar in shape and angle - facial mark seen below the right lateral canthus of both subjects in similar location
UGXDTR	Similar	similar brown eye color; similar overall size and shape; similar medial canthus shape in both eyes; known appears to be wearing fake eyelashes making upper eye lashes much longer; similar shaped, prominent and relative location to inferior palpebral creases; similar prominence and shape to superior palpebral creases, but difficult to fully compare due to long eyelashes in known
VGDWFB	Similar	Medial canthus (shape, angle), eye fissure (angle from inner corner and outer corner) interpupillary distance
WK96YB	Similar	

Image Set Q14: Table 4.14(g) - Eyes

WebCode	Observation	Feature Notes
X2TF24	Similar	Intercanthal distance and interpupillary distance appear similar; eyelashes appear longer and fuller in K, may be due to intentional alterations; sclera appears similar in size/color; iris color appears similar; medial canthi appear similar in shape; overall shape of eyes appear similar; inferior palpebral creases appear similar in location/shape/prominence
Z9L8L3	Similar	Both have dark brown eyes. The shape is similar. Fake eyelashes on known makes it a little difficult to compare those
ZCKK6L	Similar	approx. intercanthal distance, degree of hoodedness of left eyelid (right is not visible due length of lashes and makeup), almond shape, and small shape is consistent; dark iris color, whiteness and amount of sclera visible is similar; the rounded, elongated beak-like shape of the medial canthi is similar; size and prominence of the caruncle is consistent; shape of the superior palpebral crease is not available due to the length and fullness of the known's lashes; curved shape of the lower eyelid and lower lash distribution is similar; subtle prominence and shape of the inferior palpebral crease and the manner in which it follows the curvature of the lower lid is similar

Features Observations Response Summary - Q14 Eyes		Total Participants: 62
Response	Percent Reported	
Similar	57 (91.9%)	
Dissimilar	0 (0.0%)	
Inconclusive	3 (4.8%)	
Unable to Compare	2 (3.2%)	
Not Applicable	0 (0.0%)	

Image Set Q14: Table 4.14(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Cheeks have a similar fullness.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Similar	The shape of the cheek is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have small pronounced cheeks.
8BND4V	Similar	similar shape/size of cheeks
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar protrusions at top of cheeks, similar contouring in middle, similar vertical line indention in left cheek
9WM27B	Similar	height and fullness of cheeks appears similar.
A4GTRA	[Not Reported]	Similarities include: Cheekbone prominence; Cheek shape Not comparable: (not observed) Dimples
A8F4MA	Similar	Right and left cheekbone
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar fullness
BGZVPT	Similar	Both are similar ins shape and complexion; known has heavier make-up on
BVKBTR	Similar	more defined on known by makeup, but similar.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Cheeks are similar but more defined with makeup on known.
E2YXFT	Similar	Similar shape
E7JQ38	Similar	Similar cheek general shape.

Image Set Q14: Table 4.14(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar size, shape, and fullness. Zygomatic arches are similar in placement and angle.
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar cheek bone prominence. Both have a freckle on the right cheek towards the outside of the face
HVURP4	Similar	Similar in width and puffiness of the apple area. There is a consistent mark on the upper right cheek. The nasal lines that extend from the bridge of the nose and runs along the cheeks are also consistent in length and placement.
J4778Z	Similar	the cheek bone prominence is similar
JEFCV2	Similar	nasolabial crease similar, mark in upper cheek similar in location and color
KCVE8G	Similar	KNOWN AND UNKNOWN have consistent shape, weight and fullness. Both have full, round cheeks with high, wide cheekbones that are wider than the jawline. There is a small mark on the upper portion of the right cheekbone that is consistent in size and placement between both images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have pronounced zygomatic bones and full high cheeks with a single round facial marking high on the R zygomatic bone in common in both.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The cheekbones appear to have a similar width and pronunciation. The cheeks appear to be full on both subjects especially on the right side which is likely due to expression change.
QFUJLW	Similar	Similar in size/shape/fullness/location. Facial marking on the right cheek is similar in location/size/shape/color
QKRZZB	Similar	The shape of the cheeks along with the fullness of the cheeks appear to be similar between the probe and candidate. The prominence of the cheekbones seems to have some similarities.
QT8L8U	Similar	Height of the cheek bones and placement and abundance of soft tissue appears similar
QY9X6C	Similar	Marks on the unknown left cheek are visible but not in the known due to makeup, mark on the right cheek is visible in both and in the same location, overall size/shape is similar
RJB49C	Similar	The cheeks of both are full, smooth and consistent in size, including both having a small bump or freckle below the corner of the right eye.

Image Set Q14: Table 4.14(h) - Cheeks

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Inconclusive	
U8BE68	Similar	cheeks appear to be similar in fullness and rounded in shape
UGXDTR	Similar	similar fullness; similar prominence and relative location of cheek bones; similar prominent facial mark in size, shape and relative location on upper right cheek; the unknown has several small facial marks present that aren't visible on the known, but could be due to make up
VGDWFB	Similar	Cheekbone, cheek shape
WK96YB	Inconclusive	
X2TF24	Similar	Cheekbones appear similar in prominence; cheek shape appears similar; dimple present on left cheek in both; facial mark on right cheekbone similar in location/size/color/shape
Z9L8L3	Similar	Cheek shape and size are similar
ZCKK6L	Similar	bulbous shape, size, and fullness is similar; cheekbones are similarly prominent; there is a facial mark on the right cheek beneath the lateral corner of the eye that is similar in round shape, size, and light brown color

Features Observations Response Summary - Q14 Cheeks		Total Participants: 62
Response	Percent Reported	
Similar	58 (93.5%)	
Dissimilar	0 (0.0%)	
Inconclusive	3 (4.8%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q14: Table 4.14(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Length and width of the nasal body is similar. Tip of the nose is similar in size. Curvature of the nostrils is similar. Similar creases on the left and right nostrils.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The nose shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Nose has similar shape between two subjects, including bridge and base of nose.
8BND4V	Similar	visible curve of nostrils appears similar; similar shape/thickness of left/right alae; overall outline of nose similar; similar shape to nasal tip
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar width and indentation at nasal root, similar width down through body, similar nasal tip shape, similar ala shape
9WM27B	Similar	nasal root width and shape are similar. nasal body length and width are similar. the shape of the nasal tip is similar. width of nasal base is similar. thickness of alae appear similar. thickness and placement of columella is similar.
A4GTRA	[Not Reported]	Similarities include: Nasal outline: shape, width, prominence; Nasal root: width, shape, depth, angle; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Columella: width, length, relative position; Asymmetry - nose sits slightly to R of subject's midline, L side of nasal base sits lower than R - observed in Q & R Dissimilarities include: (may be due to differences in pose in Q & R) Nasal outline: length; Nasal alae: thickness, shape Not comparable: (due to pose in one or both images) Nostrils: shape, size, hair
A8F4MA	Similar	Nasal outline, Nasal root (bridge), Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose), Nasal base: nostrils (nasal openings), Nasal base: columella (soft tissue between nostrils)
A9BMPB	Similar	Wide and fleshy around the tip. Bilateral angularity around the tip.
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	similar shape, length and width
BGZVPT	Similar	Similar in size and shape. Nostrils are same shape and size
BVKBTR	Similar	similar tilt to right. Similar nostrils, similar lines.
BYKLNK	Similar	

Image Set Q14: Table 4.14(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Overall shape is similar but head positions differ between the two.
E2YXFT	Similar	Bridge of the nose and size of nasal body seem similar
E7JQ38	Similar	Similar nose bridge, length, body and nostril angle.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar size, shape, width, and height. Alars and tip are similar size and shape. Similar nostril shape and size.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar nasal root and nasal body width. nasal tip appears to be similar in size.
HVURP4	Similar	Similar in length and width of the bridge of the nose. The small nostrils are also consistent. The boxiness of the tip of the nose is also consistent. And there are similar markings on the bridge of the nose that is also consistent in placement.
J4778Z	Similar	the nasal root, nasal bridge, nostrils, and columella are all very similar
JEFCV2	Similar	nasal bridge, tip, and nostrils similar in shape and curvature
KCVE8G	Similar	KNOWN AND UNKNOWN's nasolabial folds, the nasal body, nasal tip and nasal base are all consistent in size, contour, length and placement. The nasal bridge is free of marks, scars, lumps and/or discolorations. The columella is consistent in shape and narrow width. The ala are also consistent in size, shape, placement.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Nasal root is high and protruding leading to a smooth nasal body that slowly widens to a larger nasal tip and slightly wider nasal base, narrow set ala.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The nasal root appears to be flat and asymmetric on both subjects. The nasal body appears to start asymmetric and then extend in a more even manner on both subjects. The nasal tip appears to have a similar width and size. The angle of the ala coming off the nasal tip appears to be similar. The general shaping and location of the nostrils appears to be similar however due to the change in angle only a portion is able to be compared on the known.

Image Set Q14: Table 4.14(i) - Nose

WebCode	Observation	Feature Notes
QFUJLW	Similar	Nasal root is similar in width. Nasal body is similar in width/size/shape. Nasal tip is similar in size/shape. Nostrils are similar in shape.
QKRZB	Similar	The shape of the nasal base appears to be similar between the probe and candidate. The shape of the nasal tip appears to be similar as well. The width of the nasal body along with the nasal length appears to be similar between the probe and candidate. The shape of the alae appears to be similar.
QT8L8U	Similar	nasal root thickness, width and line of the nasal body, nasal tip, and width of the base appears similar
QY9X6C	Similar	Length is similar, nasal root is similar, nasal base is similar, tip of nose is similar, ala thickness is similar, nostrils are more visible in the unknown due to head tilt, nasolabial folds are similar in location/shape, unknown has some marks on the bridge of the nose but not visible in the known due to makeup
RJB49C	Similar	The nose of each is consistent in length, shape, and placement of nostrils and columella. Color differs, likely due to makeup and/or lighting.
RTFBMC	Similar	
T9A37R	Similar	Nasal root and base very similar.
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	nasal body and nasal tip appear to be similar in shape - nasolabial folds appear to be consistent in asymmetrical nature (right fold is more prominent)
UGXDTR	Similar	similar nasal root, bridge and tip width; similar nasal alae shape and attachment; similar nostril size; similar small and not so prominent facial marks present on the bridge of the nose in the same relative location
VGDWFB	Similar	Overall shape
WK96YB	Similar	
X2TF24	Similar	Nasal root appears similar in width and prominence; nasal body appears similar in size; nasal tip appears similar in width/shape/size; alae appears similar in thickness and shape; columella appears similar in width
Z9L8L3	Similar	The nose length, tip, nasolabial fold is all similar.
ZCKK6L	Similar	shape, size, and degree of protrusion is consistent; nasal root width, nasal body width and shape, and rounded "v" shape of the nasal tip is similar; unknown's nasal base appears to be wider and nasal tip pointer, but this can be attributed to the contouring of the nose via the known's makeup; nostril shape and small size appears to be similar; ala thickness appears to be similar, however the known's appears to be thinner, due to makeup contour previously discussed; unknown has some faint facial marks along the nasal body that are not visible on the known, but this can also be attributed to makeup coverage; nasolabial folds are similar in angular shape, prominence, proximity to the mouth, and length is consistent

Features Observations Response Summary - Q14 Nose		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	61 (98.4%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q14: Table 4.14(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the known, and only the right ear is visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Similar	
474EX6	Unable To Compare	The ears cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Unable To Compare	Known ears are covered by hair. Only partial left ear visible on unknown.
8BND4V	Unable To Compare	unable to compare details of right due to being covered by hair for Known(1); left ear not visible for Known(1) or Unknown(2)
8FHAQ2	Unable To Compare	ears are covered under hair
8T7EYX	Not Applicable	
9NAAFD	Inconclusive	unable to see most of known's ears due to hair, only the very bottom of right ear visible, appears to be similar protrusion
9WM27B	Unable To Compare	unable to compare due to obstruction by hair and angle of photos.
A4GTRA	[Not Reported]	Similarities include: Lobe: size, shape (visible portion of R only - limited) Not comparable: (due to obstructions in one or both images) Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Similar	Right ear lobule (lobe)
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	hair covering known person
BGVZPT	Unable To Compare	Knowns are blocked by hair and unknow is hidden by a hat and the angle of the image
BVKBTR	Unable To Compare	hidden by hair on known.
BYKLNK	Unable To Compare	
CBAKDA	Similar	

Image Set Q14: Table 4.14(j) - Ears

WebCode	Observation	Feature Notes
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Hair is covering known's ears and only right ear of unknown is visible.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears not observed in the Known due to hair occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Similar	ears in Known are covered with hair, unable to perform full comparison. Small portion of right lower lobe in Known is visible for comparison and it appears similar to Unknown's
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	Not visible in known other than a small portion of the lobe which appears similar
HVURP4	Not Applicable	None in common with which to compare.
J4778Z	Unable To Compare	
JEFCV2	Not Applicable	corresponding ear locations not visible for comparison due to hair or hat
KCVE8G	Unable To Compare	Known image's ears are covered by long hair and therefore not comparable.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	not visible
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Similar	The location of the lobe on the right ear appears to be similar however this and the rest of the sub features cannot be compared due to obstruction.
QFUJLW	Unable To Compare	
QKRZZB	Similar	Cannot be compared due to hair covering the candidate's hair.
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Right ear is visible in the unknown but not the left due to hat/angle, known ears are not visible due to hair – there is a little portion of the ear lobe in the known right ear but not enough to compare
RJB49C	Unable To Compare	Ears are not visible on both candidates for comparison.

Image Set Q14: Table 4.14(j) - Ears

WebCode	Observation	Feature Notes
RTFBMC	Unable To Compare	obscured by hair or camera angle
T9A37R	Similar	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	ears of known are covered by hair
UGXDTR	Unable To Compare	unable to compare due to hair covering in known
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	Right lobe appears in similar placement on head and what is visible on K appears similar in shape; all other external characteristics are not visible in K for comparison
Z9L8L3	Unable To Compare	Hair is covering known's ears
ZCKK6L	Unable To Compare	

Features Observations Response Summary - Q14 Ears			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	9 (14.5%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	2 (3.2%)	
	Unable to Compare	44 (71.0%)	
	Not Applicable	7 (11.3%)	

Image Set Q14: Table 4.14(k) - Mouth

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Fullness of the lips are similar. Fissure of the lips are similar. Marionette lines are similar in location and prominence. Cupids bow is more prominent on the unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The shape of the mouth and the fullness of the lips are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a slight smirk/ smile. Known is wearing lipstick. Shape of mouth including left side being slightly higher, is similar between two subjects. Outer edges of mouth where lips join is similar between two subjects, including right side making a small Y shape.
8BND4V	Similar	similar shape/size to outline of mouth with similar expression for Known(1) and Unknown(2); similar shape/curve to upper and lower vermilion borders; similar v-shape to cupid's bow; Known(1) is wearing darker lipstick than Unknown(2); similar upward angle to corners of mouth
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar lip shapes and sizes, similar fissures similar angles of mouth ends and similar length of lines coming from both sides of mouth, similar philtrum size and shape
9WM27B	Similar	lip color and shape of upper vermilion boarder altered by makeup. marionette lines appear similar in shape size placement and depth. thickness of lips appears similar. the texture of the lips appears similar. mouth fissure is similar.
A4GTRA	[Not Reported]	Similarities include: Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion; Lower lip: shape, fullness, protrusion, detail; Lip fissure: shape, degree of contact, angle; Asymmetry - R corner of lip fissure sits higher than L - observed in Q & R Not comparable: (due to image quality, makeup up, closed mouth expression and frontal pose in one or both images.) Upper/lower lip: detail (upper), vermilion border shape; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities - not observed
A8F4MA	Similar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Similar	Angle and angles at both corners of mouth/lips. Same shape, fissure, lines
AE2ZQY	Similar	
AQVDNB	Similar	

Image Set Q14: Table 4.14(k) - Mouth

WebCode	Observation	Feature Notes
BF6CMR	Similar	lips are very similar in fullness, lip fissure, philtrum
BGZVPT	Similar	Similar in size and shape, fissure are similar
BVKBTR	Similar	similar shape, similar cupid bow shape.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Lips are similar as well as the expression.
E2YXFT	Similar	Similar overall shape
E7JQ38	Similar	Similar mouth corners, fissure shape, general lip shape and philtrum depth.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar size, shape, width, and fullness; both photos smiling. Known is wearing matte lipstick, overlining not evident. Similar cupid's bow.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar lip thickness. Both have a thicker bottom lip. Both have creases coming out of the lip fissure
HVURP4	Similar	Similar width and length/placement of the mouth. Similar upturn at the edges of the mouth and small dimples that are consistent. The distance from tip of the nose to the upper lip appear similar. The mouth fissure shape is consistent.
J4778Z	Similar	the general shape of the lips, upper vermillion border and the corners of the mouth all appear consistent
JEFCV2	Similar	heavy makeup use in known image, creases very similar in location, depth, and curvature, Y shape similar on left side
KCVE8G	Similar	KNOWN AND UNKNOWN have a similar facial expression with a sideways smile, the lips appear purposely twisted toward the right side of the face. The philtrum is defined and protrudes in a similar manner in both the known and unknown images. The distance between the base of the nose and the vermillion border of the upper lip of both known and unknown images is consistent. The contour of the cupid's bow is consistent between both known and unknown images. Each of the oral commissures in both known and unknown images are consistent in shape, angle, position and length. There is a consistent dimple and/or indentation above the left oral commissure in both images that is consistent in placement, shape and size.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	both have a similar expression and lip fissure causing similar dimples and creases around the corners of the mouth.

Image Set Q14: Table 4.14(k) - Mouth

WebCode	Observation	Feature Notes
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The mouth appears to have a similar upper and lower vermillion border. The left of the upper vermillion border appears to have a similar apex (side of the cupids bow) that can be seen through the makeup on the known. The philtrum appears to have a similar depth and width. The lower lip appears to have a similar amount of protrusion. The commissure lines extend in a similar width.
QFUJLW	Similar	Vermillion border is similar in size/shape. Lips are similar in size/shape/thickness. Philtrum is similar in size/shape/location. Nasolabial folds are similar in size/shape/location
QKRZZB	Similar	The philtrum of the probe and candidate are similar in width and depth. The shape and fullness of the upper and lower lips appears to be similar. The upper vermillion and the lower vermillion border appear to follow a similar path. The mouth fissure along with the commissure line appears to be similar as well.
QT8L8U	Similar	Upper vermillion boarder appears dissimilar. Shape of smirk on the corners of the mouth, fissure, philtrum width and height, and mentolabial sulcus appear similar. The known has lipstick on that appears to have a different upper vermillion boarder
QY9X6C	Similar	Known lips are darker due to makeup, marionette lines are similar, lip size/fullness is similar, fissure of mouth is similar, philtrum is similar, left buccal crease is similar in location/size, tubercle of upper lip is similar, overall shape/size is similar
RJB49C	Similar	The mouth is consistent in shape, including lip fullness, corners of the mouth, and creases at the corners. The two also have similar expressions.
RTFBMC	Similar	
T9A37R	Similar	Lip fissure very similar.
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	mouth appears to be similar in expression - creases around the mouth appear to be similar - vermillion borders appear to be similar - tone of the lips appear to differ, likely due to known wearing lipstick
UGXDTR	Similar	similar overall size; similar lip fissure shape; similar upper and lower lip fullness; similar symmetrical upper lip alae shape even with known having a more prominent cupid's bow, but believe difference to be due to makeup; similar lip creases on the lower lip; similar prominence and width of the philtrum
VGDWFB	Similar	Overall mouth (shape , symmetry)
WK96YB	Similar	

Image Set Q14: Table 4.14(k) - Mouth

WebCode	Observation	Feature Notes
X2TF24	Similar	Philtrum appears similar in width and prominence; upper vermillion border appears similar in shape; corners of mouth appears similar in shape and angle; lower vermillion border appears similar in shape; upper and lower lip appear similar in fullness/texture; appear dissimilar in tone, may be due to makeup on K; mentolabial sulcus appears similar in width/prominence/location
Z9L8L3	Similar	The creases at the end of the mouth line is very similar. The shape of the lips are similar
ZCKK6L	Similar	shape, size, degree of protrusion, and asymmetrical alignment is consistent; shape of the upper and lower vermillion borders, fissure shape, and fullness of the lips is similar; the dimples are similar in location, size, shape, and prominence; flared shape, small size, and depth of the philtrum is consistent

Features Observations Response Summary - Q14 Mouth		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	62 (100.0%)
	Dissimilar	0 (0.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q14: Table 4.14(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Curvature of the chin is rounded on both subjects. Jawline has a similar angle.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Similar	The jawline is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have small pointy chins and an angular jaw line
8BND4V	Similar	similar shape of chin; similar angular curve of jawline
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	both have similar gonial angles roundedness of jawlines and chins, similar protrusion of chins
9WM27B	Similar	jawline, gonial angle, shape and width of chin appears similar.
A4GTRA	[Not Reported]	Similarities include: Chin: overall shape, width relative of rest of face, prominence; Jawline: shape, definition (visible portions); Gonial angle: shape, definition (R) Dissimilarities include: (may be due to differences in pose in Q & R) Chin: length Not comparable: (due to pose and makeup in one or both images) Chin: details; Gonial angle: shape, definition (L); Asymmetry
A8F4MA	Similar	Chin, Jawline
A9BMPB	Similar	Protruding chin, with wide and circular gonial angles.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	shape of chin is similar, same with angle of jawline
BGZVPT	Similar	Similar in size and shape and angles
BVKBTR	Similar	similar angle and shape of both.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEV	Similar	
D3D3DQ	Similar	Shape is similar.

Image Set Q14: Table 4.14(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar shape
E7JQ38	Similar	Similar jawline, gonial angle and chin shape.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar shape and size, similar gonial angle
FG99H7	Similar	
GM7H34	Dissimilar	
H7ZBPM	Similar	Similar chin and jaw line. Distance between bottom of chin and lip are similar.
HVURP4	Similar	Similar in shape and width. The distance from the bottom lip to the chin is similar. The placement of the labiomandibular crease is consistent.
J4778Z	Similar	very similar in shape
JEFCV2	Similar	shape and creases appear similar
KCVE8G	Similar	KNOWN AND UNKNOWN's chin and jawline are consistent in size, contour, shape and square jawline/gonial angle.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	both have strong but rounded gonial angles with a slightly pointed/rounded chin.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Inconclusive	The chin appears to be slightly more pronounced on the known however this could be due to angle. The jawline appears to be generally squared on both subjects.
QFUJLW	Similar	Chin is similar in shape/size. Mentolabial sulcus is not similar in location/shape/size. Gonial angle is similar in shape. Buccal creases are similar in size/shape/location
QKRZZB	Similar	The shape and contour of the jawline appears to be similar between the two images. Both the probe and candidate have a narrow chin shape.
QT8L8U	Similar	shape and line of the chin and jawline appears similar
QY9X6C	Similar	Length of jawline is similar, chin shape/size is similar, length of chin is similar, chin protrudes outward similarly in both, mentolabial sulcus is similar in location/size, unknown has some marks on the chin that are not visible in the known due to makeup
RJB49C	Similar	The shape of the chin and jawline is very consistent.
RTFBMC	Similar	

Image Set Q14: Table 4.14(I) - Chin/Jawline

WebCode	Observation	Feature Notes
T9A37R	Similar	Both have protruding chin and defined jawline.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Inconclusive	
U8BE68	Similar	chin and jawline shape appear to be consistent between subjects
UGXDTR	Similar	similar jawline and chin shape and prominence; there are various facial marks present that are dissimilar in prominence, shape and location, but difference could be due stability of feature and presence of makeup
VGDWFB	Similar	Overall shape of chin
WK96YB	Inconclusive	
X2TF24	Similar	Chin appears similar in size/shape/prominence; jawline appears similar in definition/shape
Z9L8L3	Similar	Chin shape, jawline are similar.
ZCKK6L	Similar	definition, "v" shape comprised of linear lines, length, prominence, and gonial angle of the jawline is consistent; width, height, rounded shape, and prominence of the chin is similar, however the known's appears to come to a more distinct point, but this could be attributed to the subtle differences in how the head is held; the unknown also has several small, brown facial marks along the left jawline that are not visible on the known, but this could be due to the application of makeup

Features Observations Response Summary - Q14 Chin/Jawline		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	55 (88.7%)
	Dissimilar	1 (1.6%)
	Inconclusive	6 (9.7%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q14: Table 4.14(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Neck creases are found in similar areas and have a similar prominence. Length of the neck is similar.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Inconclusive	The wrinkles on the neck is similar but a conclusion cannot be made because the hair is covering the neck for one individual.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Similar	Both subjects have horizontal lines in the same location--one high on the neck and one low on the neck.
8BND4V	Similar	similar shape/curve of neck wrinkles; similar distance of neck wrinkles relative to one another
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	both have similar positions and curvatures on neck lines
9WM27B	Similar	height and width of neck appears similar. neckline placement and depth appears similar.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Overall neck: width, height, details; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Partly obscured, similarity in length and lines
AE2ZQY	Similar	
AQVDNB	[No observations reported for this feature.]	
BF6CMR	Similar	lines in the neck are similar
BGVZPT	Similar	Partially visible. Some lines around the neck line up.
BVKBTR	Similar	similar neck line more hidden on known.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEWV	Similar	
D3D3DQ	Similar	Neck lines are similar.
E2YXFT	Inconclusive	Little can be observed, but lines on the neck seem to match

Image Set Q14: Table 4.14(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar neck height.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar length and width
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	similar width. both have a horizontal crease through the middle of the neck
HVURP4	Similar	Appears similar in width. The neck creases also appear consistent in placement.
J4778Z	Similar	lines are similar in size and location
JEFCV2	Similar	creases appear similar in shape, Y-ing, and curvature. A couple marks seen on one or the other image not seen in other, may be obscured with makeup
KCVE8G	Similar	KNOWN AND UNKNOWN neck's are consistent in length, width and weight. There are three consistent necklines, two of which are directly underneath the chin and one close to the collarbone. All three necklines extend from one side of the neck, across the center and end on the opposite side.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	both have similar neck lines, one near base of neck, another near top.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The neck appears to have two wrinkles on the right that are in a similar arrangement and angle. The general width of the neck is likely similar however due to the hair on the known it cannot be compared more thoroughly.
QFUJLW	Similar	Similar in width/length. Neck wrinkles are similar in size/shape/location
QKRZZB	Similar	Neck wrinkles of the probe and candidate appears to be similar between the probe and candidate.
QT8L8U	Similar	Partially obstructed by hair in known. Placement of horizontal lines on the neck appear similar
QY9X6C	Similar	Some of the neck is covered by hair in the known, neck creases are similar, mark on one of the creases in the unknown that is not visible in the known due to head tilt/angle, length of neck is similar, width is similar, neck color appear to be lighter in the unknown but that's due to lighting/makeup

Image Set Q14: Table 4.14(m) - Neck

WebCode	Observation	Feature Notes
RJB49C	Similar	Neck on both is consistent in length and width. The creases on the right side appear consistent on both.
RTFBMC	Inconclusive	partially obscured by hair in known
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZZ	Similar	
U8BE68	Similar	necks appear to be consistent in shape relative to the face size - creases appear to be consistent between subjects
UGXDTR	Similar	similar relative neck width; similar presence and relative location of neck creases
VGDWFB	Similar	Overall shape ,jawline
WK96YB	Similar	
X2TF24	Similar	Neck creases appear similar in location/prominence/quantity; relative length from what is visible is similar
Z9L8L3	Similar	Distinct neck creases are similar
ZCKK6L	Similar	narrowness, length, and musculature is similar; the known has two creases that span the width of the neck that are similar in curved shape, location (top and base of the neck), and prominence on the unknown, however the unknown has a third shorter crease above the upper crease with a facial mark in the center that is not visible on the known, but this could be due to the coverage of the hair or shadowing present

Features Observations Response Summary - Q14 Neck		Total Participants: 61
Response	Percent Reported	
Similar	50 (82.0%)	
Dissimilar	1 (1.6%)	
Inconclusive	6 (9.8%)	
Unable to Compare	2 (3.3%)	
Not Applicable	2 (3.3%)	

Image Set Q14: Table 4.14(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Unable To Compare	(photo filter applied or make up-foundation restricts to compare
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Facial hair not observed in Q & R
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No facial hair is observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	

Image Set Q14: Table 4.14(n) - Facial Hair

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Similar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Similar	light
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q14: Table 4.14(n) - Facial Hair

WebCode	Observation	Feature Notes
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q14 Facial Hair		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	3 (4.9%)	
Dissimilar	0 (0.0%)	
Inconclusive	2 (3.3%)	
Unable to Compare	3 (4.9%)	
Not Applicable	53 (86.9%)	

Image Set Q14: Table 4.14(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Unable To Compare	
2XLVQ2	Similar	Nasolabial folds have a similar prominence. Inferior orbital creases are similar. Unknown has a vertical glabellar line, not found on the known possibly due to the use of makeup.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The wrinkles around the mouth and neck is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Lines around nose and mouth are similar in size, shape, and location.
8BND4V	Similar	similar shape/curve of left/right nasolabial folds; similar appearance of creases around mouth from slight smiling expression; visible inferior palpebral creases appear to have similar shape/curve; what is visible of medial end of left superior palpebral crease appears to have similar shape/distance from left medial canthus
8FHAQ2	Similar	
8T7EYX	Unable To Compare	
9NAAFD	Similar	both have similar curvature, angles of nasolabial lines, both have deeper lower nasolabial lines coming down around mouth
9WM27B	Similar	Lower circumoral striae (L) appears similar. nasolabial fold (R) is similar in beginning and end points as well as depth and length.
A4GTRA	[Not Reported]	Similarities include: Superior palpebral crease (L - limited); Inferior palpebral crease; Infraorbital crease; Nasolabial crease; Other creases - creases under L corner of subject's mouth; Wrinkles on neck Dissimilarities include: (may be due to differences in makeup and expression in Q & R) Vertical glabellar; Other creases - creases next to and under R corner of subject's mouth - different shapes Not comparable: (not observed) Frontal lines; Nasion crease; Lateral nasal lines; Bifid nose crease; Periorbital lines; Superior palpebral crease (R); Circumoral striae; Mentolabial sulcus; Nasolabial crease; Marionette lines; Cleft chin; Buccal creases
A8F4MA	Similar	Frontal lines (forehead wrinkles), Vertical glabellar line, Nasion crease, Right and left superior palpebral crease, Right and left infraorbital creases, Right and left nasolabial crease/folds, Wrinkles on neck
A9BMPB	Similar	Nasolabial, mentolabial, inferior palpebral creases and bilateral lines on both side of mouth. Neck lines also look similar.
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar marionette lines on left and right
BGZVPT	Similar	Prominent nasolabial folds and marionette lines; Superior palpebral are prominent in both.

Image Set Q14: Table 4.14(o) - Facial Lines

WebCode	Observation	Feature Notes
BVKBTR	Similar	all lines similar positions. Dimples on unknown less defined due to makeup on known.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Facial lines around the mouth are similar.
E2YXFT	Dissimilar	A single vertical line is missing on unknown image, potentially covered by heavy makeup on known image
E7JQ38	Similar	Similar palpebral, right nasolabial angle, buccal, upper and lower neck crease position.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar inferior palpebral crease, nasolabial furrows, philtrum, marionette lines, sulcus, and neck creases. Fine vertical glabellar line present in Unknown
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Neither have many facial lines. Both have a smile that favors the right side causing a right nasolabial fold. Both have a small crease on the left side of the mouth
HVURP4	Similar	Noted above.
J4778Z	Not Applicable	
JEFCV2	Similar	similar throughout features in both images
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The nasolabial lines appear to be more prominent on the known however this is likely due to makeup or lighting. Most of the finer lines appear to be less present on the known however this is likely due to makeup. There is a similar dimple/depression on the left of the mouth in both subjects.
QFUJLW	Similar	Discussed earlier

Image Set Q14: Table 4.14(o) - Facial Lines

WebCode	Observation	Feature Notes
QKRZZB	Similar	The nasolabial folds appear to be similar in length and depth.
QT8L8U	Similar	Start and line of the nasal labial folds, right and left buccal lines, and right and left infraorbital creases appear similar. The unknown has a visible glabellar line that is not visible on the known
QY9X6C	Not Applicable	
RJB49C	Similar	Facial lines around the eyes, nose, mouth and neck are very similar on known and unknown candidates.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	mentioned in the eyes, nose, mouth and neck sections above
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Nasolabial fold, lower circumoral striae ,wrinkles on neck
WK96YB	Similar	
X2TF24	Similar	Nasolabial folds appear similar in shape/angle; vertical glabellar line on U, not visible in K; infraorbital creases appear more prominent in U, similar in shape/location
Z9L8L3	Similar	Not many facial lines, but the dimples to the sides of the lower lip are similar
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q14 Facial Lines		Total Participants: 61
	Response	Percent Reported
	Similar	53 (86.9%)
	Dissimilar	2 (3.3%)
	Inconclusive	0 (0.0%)
	Unable to Compare	2 (3.3%)
	Not Applicable	4 (6.6%)

Image Set Q14: Table 4.14(p) - Scars

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Scars not observed in Q & R.
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Unable To Compare	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q14: Table 4.14(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Similar	possible scar as mentioned in eyebrow, appears similar
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	none noted
T9A37R	[No observations reported for this feature.]	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q14: Table 4.14(p) - Scars

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Scar may be present on upper lip of U, may be obstructed by makeup in K
Z9L8L3	Not Applicable	
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q14 Scars			Total Participants: 59
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	5 (8.5%)	
	Dissimilar	1 (1.7%)	
	Inconclusive	2 (3.4%)	
	Unable to Compare	1 (1.7%)	
	Not Applicable	50 (84.7%)	

Image Set Q14: Table 4.14(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Mark on the right side of the cheek is found on both subjects. Facial marks on the left side of the unknowns face not found on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The position of the mole is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a facial mark on the left outer cheek under the eye
8BND4V	Similar	similar shape/size/position of small circular facial mark on upper right of cheek, around/below the right lateral canthus
8FHAQ2	Similar	nevus on the upper-right cheek
8T7EYX	Similar	
9NAAFD	Similar	both have mark on upper right cheek in similar position
9WM27B	Similar	Some facial marks are not observed in known due to makeup. However, a facial mark on the right cheek is observed to be similar in color placement and size. There is also a facial mark on the nasal body that is observed to be similar in placement color and size, as well as a facial mark above the left lip.
A4GTRA	[Not Reported]	Similarities include: Corresponding facial mark observed on Q & R - Upper R cheek Dissimilarities include: (may be due to differences in pose and makeup in Q & R) Possible facial marks observed on Q, not R - Several along outer edge of L cheek, - Several across nasal body, - Several on mid-lower chin, - L upper neck below jawline; Possible facial marks observed on R, not Q - Mid nasal body, - Centrally below lower lip
A8F4MA	Similar	Skin marks in right cheekbone
A9BMPB	Similar	Right cheekbone
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Not Applicable	
BGZVPT	Similar	Small mark on lf cheek near eye on both
BVKBTR	Similar	right side mole down right below eye, mark on neck
BYKLNK	Similar	
CBAKDA	Inconclusive	
D2JEVW	Similar	

Image Set Q14: Table 4.14(q) - Facial Marks

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Makeup is likely covering many facial marks but there is a mark on the right cheek that is similar.
E2YXFT	Similar	Similar mole under right eye
E7JQ38	Similar	Similar facial mark on the right cheek.
E9D7GU	Similar	
E9YHHN	[No observations reported for this feature.]	
EYNFWN	Similar	similar mark to right inferior lateral eye, similar mark to left lateral neck; two marks noted on Known chin not present in Unknown (blemishes?); four marks along Unknown left lateral cheek, not visible in Known likely due to makeup and slight rotation of head.
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	discussed above
HVURP4	Similar	Noted above.
J4778Z	Not Applicable	
JEFCV2	Similar	mark on cheek similar
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	There appears to be some marks in common between the subjects; on the right cheek, below the right lateral portion of the lip, near the mentolabial sulcus, and on the nasal body.
QFUJLW	Similar	Discussed earlier
QKRZZB	Similar	Facial mark is present under the right eye of the probe and candidate.
QT8L8U	Similar	Facial mark on the right upper cheek, the mark on the left upper cheek, mark on the left side of the nasal body appears similar. The unknown appears to have more facial marks than the known, but the known also has more markup on which could cover some of the other marks
QY9X6C	Not Applicable	
RJB49C	Not Applicable	

Image Set Q14: Table 4.14(q) - Facial Marks

WebCode	Observation	Feature Notes
RTFBMC	Similar	right and left upper cheek, makeup in known is a factor
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	mentioned in the eyes section
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Moles in right cheek
WK96YB	Similar	
X2TF24	Dissimilar	Facial mark on mentolabial sulcus and to left of it on K, not present in U, may be transient; facial marks on left cheek of U, not visible on K, may be obstructed by makeup or due to lighting/pose
Z9L8L3	Similar	There is mole on upper right cheek in both known and unknown - similar shape, size and position. There are also a couple on the nose in both the known and unknown.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q14 Facial Marks		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	50 (83.3%)
	Dissimilar	2 (3.3%)
	Inconclusive	1 (1.7%)
	Unable to Compare	0 (0.0%)
	Not Applicable	7 (11.7%)

Image Set Q14: Table 4.14(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Different pose, makeup, shadows.
2XLVQ2	Dissimilar	Known appears to be wearing makeup.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Dissimilar	One individual has heavy makeup.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Dissimilar	
6VNPYY	Not Applicable	
8BND4V	[Not Reported]	Known(1) appears to be wearing heavier/darker makeup than Unknown(2); Known(1) appears to be wearing long/dark fake eyelashes
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	different pose- makeup-shadows
9NAAFD	Dissimilar	known has heavy makeup on and unknown doesnt appear to have minimal or no makeup on
9WM27B	Dissimilar	Known image is wearing significant amounts of makeup as well as fake eyelashes. Unknown appears to be wearing no makeup or otherwise altered.
A4GTRA	[Not Reported]	Dissimilarities include: (may be due differences in styling choices in Q & R) A more noticeable amount of makeup observed on R, compared to Q.
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	
BVKBTR	Similar	fake eyelashes, heavy makeup and lipstick. nothing permanent.
BYKLNK	Not Applicable	
CBAKDA	Dissimilar	Strong makeup in the known image.
D2JEVV	Dissimilar	make up
D3D3DQ	Dissimilar	Known is wearing makeup. Unknown is not.
E2YXFT	Dissimilar	Heavy makeup and false lashes on known image
E7JQ38	Not Applicable	Alterations not observed.

Image Set Q14: Table 4.14(r) - Alterations

WebCode	Observation	Feature Notes
E9D7GU	Dissimilar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known is wearing full makeup, Unknown is wearing hat
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	Hat on the unknown image.
J4778Z	Similar	Makeup added to eyebrows, eye lashes, and lips. Even with these, there are still similarities
JEFCV2	Dissimilar	different hairstyles, different makeup
KCVE8G	Dissimilar	Unknown image appears to have on heavy make-up altering the color, size and shape of the facial features
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	none other than those previously mentioned
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Wearing hat and makeup
PT369V	Similar	facial expression
QCV8PW	Dissimilar	Head covering on the unknown and makeup/false eyelashes on the known.
QFUJLW	[Not Reported]	Known has make-up, lipstick and fake eyelashes on. Unknown is wearing a hat
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Known has makeup throughout the face, unknown has hat on covering top portion of head/forehead
RJB49C	Not Applicable	
RTFBMC	Dissimilar	heavy make-up in known, hat in unknown
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZZ	Not Applicable	

Image Set Q14: Table 4.14(r) - Alterations

WebCode	Observation	Feature Notes
U8BE68	Similar	unknown is wearing a hat - known appears to be wearing makeup
UGXDTR	Dissimilar	unknown is wearing a hat; known appears to be wearing makeup
VGDWFB	Dissimilar	makeup
WK96YB	Not Applicable	
X2TF24	Dissimilar	previously mentioned makeup
Z9L8L3	Inconclusive	There might be a filter on the known or edits to the image.
ZCKK6L	Inconclusive	known is wearing a full face of makeup and the unknown has a hat on

Features Observations Response Summary - Q14 Alterations		Total Participants: 57
	<u>Response</u>	<u>Percent Reported</u>
	Similar	7 (12.3%)
	Dissimilar	24 (42.1%)
	Inconclusive	3 (5.3%)
	Unable to Compare	0 (0.0%)
	Not Applicable	23 (40.4%)

Image Set Q14: Table 4.14(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Limitations		The limitations of the comparison include but are not limited to: differences in pose, expression, makeup, lighting, obstruction, compression, resolution and other imaging conditions.
E7JQ38	Limitations	NotApplicable	Lighting, pose, make-up, expression and occlusion (hat and hair).
EYNFWN	lighting	Dissimilar	Known is in indoor lighting, Unknown is in outdoor lighting
PT369V	hat	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Both images are of good quality, both are an angle pose, known is slightly closer to the camera

Detailed Feature Observations

TABLE 4 - Image Set Q15

Image Set Q15: Table 4.15(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Tone of the skin is lighter on the known. Unknowns skin appears to be smoother.
3UFTE6	Inconclusive	
44J8XH	Inconclusive	
474EX6	Dissimilar	The skin tone is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects are white males, unknown appears to have more of a tan
8BND4V	[Not Reported]	difference in lighting in images, Unknown(2) appears to have more reddish tint to skin tone
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	skin tone appears different, texture appears somewhat similar but unknown's appears more glistening, luminance also appears different on forehead and cheeks
9WM27B	Similar	texture and tone appear similar.
A4GTRA	[Not Reported]	Dissimilarities include: (may be due to differences in lighting in Q & R) Overall skin appearance: tone Not comparable: (due to image quality in one or both images) Overall skin appearance: texture
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Dissimilar	unknown is redder
BGVZPT	Dissimilar	Known is smother but has paint like material on face.
BVKBTR	Inconclusive	due to blurry image this is hard to compare.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Similar	

Image Set Q15: Table 4.15(a) - Skin

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Skin color is similar but it appears that the unknown has more of a tan.
E2YXFT	Similar	Texture seem similar
E7JQ38	Similar	Similar skin tone.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Both have lighter skin with red undertones. Known is lighter with hyperpigmentation, especially across upper cheeks. Unknown is more tanned with minimal hyperpigmentation (lower image quality could be smoothing out skin color appearance).
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar texture and tone. Unknown has slightly darker skin possibly due to a tan. Unknown also has shinier skin possibly due to lighting
HVURP4	Dissimilar	The unknown image is redder in color while the known is more a tan color.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	coloring dissimilar, may be due to lighting quality
KCVE8G	Dissimilar	Known image has a lighter skin tone and color than unknown image. Known image's skin color is a warm brown and inconsistent with the unknown image.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk quality does not allow for fine detail comparison. Unk has slightly darker skin but could be due to lighting at capture or change in season. K has light skin with what appears to be paint specks on it.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Inconclusive	The subjects appear to have a similar skin tone with a color/hue variation which is likely due to quality, sun exposure, imaging conditions, etc. The texture appears to be smoother on the unknown however this could be due to quality.
QFUJLW	Similar	Similar in light color. Unknown appears darker could be due to lighting.
QKRZZB	Similar	Skin tones appears to be similar between the probe and candidate.
QT8L8U	Inconclusive	Image quality between the images is different. The known image is more blurry, making the known's skin appear more smooth and therefore dissimilar than the unknown

Image Set Q15: Table 4.15(a) - Skin

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Tone is darker in the unknown, texture is smoother in the unknown
RJB49C	Dissimilar	The skin of known candidate is more textured and lighter in color than unknown.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	Unknown image blurry
U67NZZ	Inconclusive	
U8BE68	Similar	skin tone appears to be similar - texture appears to be similar
UGXDTR	Dissimilar	unknown's skin texture appears slightly more smooth; skin tone appears slightly different with unknown appearing to have slightly darker skin
VGDWFB	Inconclusive	
WK96YB	Inconclusive	
X2TF24	Dissimilar	Skin appears dissimilar in overall tone/texture/luminence
Z9L8L3	Similar	Skin tone is similar
ZCKK6L	Dissimilar	texture appears to be dissimilar, as the known's seems to be more textured throughout the entirety of the face, whereas the unknown's seems to smoother and weathered; complexion is dissimilar, as the known's is fair but somewhat tanned, whereas the unknown's is more of a tanned complexion with a reddish tone, but this could be attributed to differences in sun exposure or the lighting differences, as the known has natural light but the unknown has artificial lighting

Features Observations Response Summary - Q15 Skin		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	24 (39.3%)
	Dissimilar	21 (34.4%)
	Inconclusive	14 (23.0%)
	Unable to Compare	1 (1.6%)
	Not Applicable	1 (1.6%)

Image Set Q15: Table 4.15(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	[Not Reported]	Unable to compare, known's face is not fully visible.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Inconclusive	One of the individual's portrait is not visible and therefore a comparison cannot be made.
4EKVRZ	Similar	
4NN6W4	Inconclusive	
6VNPYY	Similar	Both subjects appear to have a square shape to the head
8BND4V	Unable To Compare	unable to compare face/head outline due to angle of head and being cut off image of Known(1)
8FHAQ2	Unable To Compare	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	despite head angle difference, head shapes appear different with unknown's being more elongated
9WM27B	Unable To Compare	unable to compare due to obstruction by cropping of known and angle of face.
A4GTRA	[Not Reported]	Not comparable: (due to pose and obstructions in one or both images) Shape of the cranial vault; Overall shape of the face
A8F4MA	Similar	overall shape of face
A9BMPB	Unable To Compare	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Unable To Compare	known has head turned
BGZVPT	Dissimilar	Unknown is rounded and the known is turned at an angle
BVKBTR	Unable To Compare	can't really make out the outline of the known.
BYKLNK	Similar	
CBAKDA	Unable To Compare	Not fully visible in the known image
D2JEV	Similar	
D3D3DQ	Unable To Compare	Cannot compare outline. Known is looking to the side and the image is cropped.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Known insufficiently resolved for assessment.

Image Set Q15: Table 4.15(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Known and Unknown appear to have oval head outlines, but due to Known's cropped head and angled pose I can't say for certain. Unknown's head appears longer.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Both have an oval shaped face and similar cranial vaults
HVURP4	Unable To Compare	Difficult to determine for sure due to the angle of the unknow image, but I believe the known image has a longer forehead while the known image forehead juts outward slightly.
J4778Z	Unable To Compare	
JEFCV2	Not Applicable	known image not able to follow outline due to angle and face cut off in image
KCVE8G	Similar	Known and unknown images have a similar broad, rectangular head contour. The placement of the features appears inconsistent between known and unknown images.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Inconclusive	K is not a full face capture, face is yawed to R, pitched slightly down.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Inconclusive	The face/head outline appears to be similar (where visible) with a squared upper portion, wide cheek area, and thinner chin area but due to the angle the full face/head outline cannot be compared.
QFUJLW	Unable To Compare	
QKRZZB	Dissimilar	Cannot be compared due to the full face not being shown on the candidate.
QT8L8U	Unable To Compare	head obstructed by hair. Face of the unknown cut off in picture
QY9X6C	Dissimilar	Length of head appears to be longer in the known, can't really say about overall head shape/size due to the known image being cut off
RJB49C	Inconclusive	Outline of known candidate's face/head is not fully in frame for comparison.
RTFBMC	Unable To Compare	not totally visible in known
T9A37R	Similar	
TLDKJC	Inconclusive	

Image Set Q15: Table 4.15(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67Nzd	Similar	
U8BE68	Unable To Compare	outline of known face is difficult to compare to due to angle of image
UGXDTR	Inconclusive	difficult to fully compare facial shape due to known image being cut off, but from what is visible appears to be similar squared off shape towards upper part of face; cranial vault shape appears could be similar, but difficult to tell due to image capture difference
VGDWFB	Inconclusive	
WK96YB	Similar	
X2TF24	Unable To Compare	
Z9L8L3	Inconclusive	Hard to compare with a partial image of the known
ZCKK6L	Inconclusive	shape and overall size of the face appears to be similar, however due to the angle difference and how the image is cropped, the known's ears and part of the face aren't captured and therefore a true comparison is difficult to conduct

Features Observations Response Summary - Q15 Face/Head Outline		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	14 (23.0%)
	Dissimilar	5 (8.2%)
	Inconclusive	14 (23.0%)
	Unable to Compare	22 (36.1%)
	Not Applicable	6 (9.8%)

Image Set Q15: Table 4.15(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Distance between the eyes appears to be closer on the unknown, possibly due to the difference in angles. Nose to mouth distance is closer on the known.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The overall composition such as the intercanthal distance and the distance between the eyebrows is dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Inconclusive	Known features maybe closer together than unknown features
8BND4V	Similar	approx. relative distance from lower lip to bottom of chin appears similar, difference in angle of head
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	features are in different positions relative to the other features in known and unknown
9WM27B	Dissimilar	placement of features and spacing appears dissimilar.
A4GTRA	[Not Reported]	Similarities include: Approximate width of nose relative to mouth; Eye position relative to face length Dissimilarities include: Approximate distance from chin to lower lip relative to face length Not comparable: (due to obstructions and pose in one or both images) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate distance from nose to upper lip relative to face length; Ear position relative to eyes, nose, and mouth
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Unable To Compare	
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Unable To Compare	known has head turned
BGZVPT	Inconclusive	Unable to compare due to the angle of known
BVKBTR	Inconclusive	
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Similar	

Image Set Q15: Table 4.15(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Composition appears similar.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Known insufficiently resolved for assessment.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Known's feature spacing is scrunched due to the expression. Known's eyes might be further apart. The distance between the hairline-nasal root, and nasal root-nasal base is more similar in the Known. In the Unknown, the distance between the hairline-nasal root is longer than the nasal root-nasal base. The distance between the nasal base-chin takes up more of the vertical distance of the face in the Unknown than it does in the Known.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Unknown appears to have eyes that are closer together
HVURP4	Dissimilar	Presentation of features do not appear consistent in location/placement. The eye placement in relation to the bridge of the nose on the known image appears further apart than that of the unknown image.
J4778Z	Dissimilar	
JEFCV2	Similar	ears not visible to compare
KCVE8G	Dissimilar	Unknown's features appear small in comparison to the overall size of the head. Known's features appear equivalent/proportionate to the overall size of the head but the difference could be attributed to the angle/position of known's head.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Inconclusive	Appears to be similar in feature spacing, K appears to have a slightly smaller forehead and less pronounced chin but could be due to capture angle.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Unable To Compare	
PT369V	Dissimilar	
QCV8PW	Inconclusive	The features of the face may have a similar horizontal alignment. The features appear to be tighter vertically on the known. There is an angle change between which could be distorting some of the apparent composition.
QFUJLW	Similar	Features are placed similarly on the face.
QKRZZB	Similar	The distance from the hairline to the eyebrows appears to be similar between the probe and candidate.

Image Set Q15: Table 4.15(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QT8L8U	Inconclusive	head obstructed by hair. Facial composition appears dissimilar, possible due to the expression on the face of the unknown
QY9X6C	Dissimilar	Distance between eyes is further in the known, distance from nose to mouth is shorter in the known, distance from eyes to mouth is further in the known
RJB49C	Inconclusive	Known candidate's face/head is not fully in frame for comparison.
RTFBMC	Similar	
T9A37R	Dissimilar	Unknown has a very elongated face.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	Known is off angle and scrunched-up expression
U67NZD	Similar	
U8BE68	Dissimilar	general composition of the facial features appear to differ
UGXDTR	Inconclusive	unknown's facial features appear slightly more proportionate to one another than the known with what is visible
VGDWFB	Inconclusive	
WK96YB	Similar	
X2TF24	Unable To Compare	
Z9L8L3	Inconclusive	Hard to compare with a partial image of the known, but some similarities noted (forehead shape/size, hooded eyes)
ZCKK6L	Inconclusive	alignment of the visible facial features appear to be somewhat similar with respect to each other and their location on the face, however the known's features appear to be larger, but this could be due to the proximity to the camera or angle of the face

Features Observations Response Summary - Q15 Face/Head Composition		Total Participants: 60
Response	Percent Reported	
Similar	16 (26.7%)	
Dissimilar	18 (30.0%)	
Inconclusive	17 (28.3%)	
Unable to Compare	7 (11.7%)	
Not Applicable	2 (3.3%)	

Image Set Q15: Table 4.15(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	Similar but hair colour seems dyed in one image.
2XLVQ2	Dissimilar	Tone of the hair is dissimilar, knowns hair is brown with a hint of green, possibly due to dye or paint. Unknowns hair is black with some graying. Fullness of the hair is similar. Hair appears to be straight on both subjects.
3UFTE6	Inconclusive	
44J8XH	Not Applicable	
474EX6	Inconclusive	The hair color is dissimilar, but the texture and the style are similar so a conclusion cannot be made.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Both subjects have short hair that is "spikey" / standing up on top. Unknown hair is dark brown in color with some gray around the temples. Known hair is an unknown color due to participating in a color run and having dye/ coloring in hair
8BND4V	Inconclusive	hair appears lighter in color for Known(1) than Unknown(2), difference in lighting, Known(1) appears to have some kind of powder/pain in hair; unable to compare left/right hairlines due to angle/being cut off image of Known(1)
8FHAQ2	Similar	
8T7EYX	Inconclusive	similar but hair colors different
9NAAFD	Dissimilar	hair color, frontal hairline position and curvatures are different hair texture also appears different
9WM27B	Dissimilar	hair color even with alteration of color appears dissimilar. what can be observed of hairline appears dissimilar.
A4GTRA	[Not Reported]	Similarities include: Hair: texture Dissimilarities include: (some may be due to differences in styling in Q & R) Hair: shape/spatial distribution, density, tonality; Forehead hairline: shape Not comparable: (due to pose and obstructions in one or both images) Hair: symmetry; Hairline right side: shape; Hairline left side: shape; Cranial baldness pattern: shape, distribution - not observed
A8F4MA	Similar	Forehead hairline,
A9BMPB	Dissimilar	Hairline
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	similar hair line but different color hair/thickness
BGVZPT	Dissimilar	Texture and color are different. Hairlines are similar.
BVKBTR	Inconclusive	Hairline seems different, hair looks painted due to "fun run?" can't be certain of hair line due to angled photo.
BYKLNK	Dissimilar	

Image Set Q15: Table 4.15(d) - Hair

WebCode	Observation	Feature Notes
CBAKDA	Inconclusive	
D2JEVW	Similar	
D3D3DQ	Unable To Compare	Known's hair has apparent paint in it and known is turned to the side so cannot compare hairline.
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar hair color.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Dissimilar	Dissimilar hairline, Known has denser growth at the hairline. Known's hair is lighter and Unknown's is darker; Known potentially has yellow/green color in hair.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar texture. Both appear to have hair that grows straight up. Could be the styling. Similar forehead hairline
HVURP4	Dissimilar	The known image has tint of green/yellow on the hair while the known image hair is dark black with some graying along the left sideburn.
J4778Z	Dissimilar	color and style appear different
JEFCV2	Dissimilar	artificial coloring in known image doesn't show true color
KCVE8G	Similar	Known's hair appears lighter in color, similar in thickness and growth pattern at the hairline to the unknown image. Unknown has darker hair than known image. Both images have short, spiked hair on top of the head. Unknown has more visible areas of the scalp at the hairline than does the known image therefore it is possible that unknown's hair is less dense than known.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	Unk appears to have dark hair with some grey near the temples, longer on top, styled. K appears to have lighter blonde hair but has paint in hair that could alter the appearance.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Inconclusive	The visible portion of the hairline appears may be similar squared shaping with a higher lateral portion. The hair color appears to be dark on both however the known has paint/dye on so the true color is not fully able to be perceived.
QFUJLW	Inconclusive	Not similar in color. Unknown is dark and Known is lighter. Similar in texture.

Image Set Q15: Table 4.15(d) - Hair

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	Hair color between the probe and candidate appears to be different. The color of the probe is dark compared to a lighter hair color on the candidate. But it could be due to the color dye on the hair of the candidate.
QT8L8U	Inconclusive	Hair of the unknown is obstructed by various paint colors. Visible hairline does appear similar
QY9X6C	Dissimilar	Color is dissimilar, texture is dissimilar, frontal part of hairline in the known is more rounded where the unknown appears to be straight across, can't tell about sides due to image being cut off and angle of known
RJB49C	Inconclusive	The hair of both candidates appears consistent in texture and length, as well as similar hairline. The color is inconsistent due to what appears to be powder paint discoloration.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67NZD	Inconclusive	
U8BE68	Dissimilar	hair appears to differ in color which could be due to the environment of the known (appears to be in a heavily painted area with paint on face)
UGXDTR	Dissimilar	unknown's hair color appears darker in color than the known; known appears to have a slightly more symmetrically shaped hairline compared to an almost slanted hairline in the unknown; hair texture appears similar
VGDWFB	Similar	Overall hair length ,forehead hairline
WK96YB	Inconclusive	
X2TF24	Similar	Hair appears similar in texture and style; appears dissimilar in color, may be due to intentional alterations
Z9L8L3	Similar	Hair growth and hair lines are similar. Color appears to be different.
ZCKK6L	Dissimilar	known's side hairlines are not available for comparison; hairline along the forehead appears to be similar, however the unknown has some recession at the ends, but this difference could be attributed to age difference; color and thickness is dissimilar, as the known's hair is blonde and appears to be thicker, whereas the unknown's is dark, thinner, and grey in the temples and sideburn areas, and salt and pepper along the forehead hairline; the growth pattern appears to be similar

Features Observations Response Summary - Q15 Hair		Total Participants: 62
Response	Percent Reported	
Similar	16 (25.8%)	
Dissimilar	20 (32.3%)	
Inconclusive	19 (30.6%)	
Unable to Compare	4 (6.5%)	
Not Applicable	3 (4.8%)	

Image Set Q15: Table 4.15(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Inconclusive	Forehead protrudes in a similar way. Length of the forehead is consistent. Luminance of the forehead is dissimilar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	One of the individual's forehead is more protruding than the other, and the other individual has a mole on the forehead.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Known head is partially cropped and turned towards the left. Overall forehead shape and size appear similar. Forehead creases and marks do not appear to be the same between the two subjects.
8BND4V	Similar	approx. relative height appears similar, difference in angle/tilt of head
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	roundedness of foreheads are different, contouring around brow ridges and in middle are different, frontal line positions and curvatures are different
9WM27B	Dissimilar	frontal line placement depth length are dissimilar. protrusion of brow ridge is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: slope/contour; Brow ridges: prominence, continuity Dissimilarities include: (may be due to differences in pose & lighting in Q & R) Forehead shape: relative height Not comparable: (due to obstructions in one or both images) Forehead shape: relative width
A8F4MA	Similar	Forehead shape, Brow ridges
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar in height
BGVPT	Inconclusive	Angle and clarity hamper the comparison
BVKBTR	Dissimilar	creases don't seem to line up on forehead but they are very faint.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Similar	

Image Set Q15: Table 4.15(e) - Forehead

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Foreheads are of similar size and have lines, but the lines are in slightly different positions.
E2YXFT	Inconclusive	Brow ridges seem more prominent on known image
E7JQ38	Similar	Similar forehead height and brow prominence.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known and Unknown appear to have oval head outlines, but due to Known's cropped head and angled pose I can't say for certain. Known's brow ridge looks a bit more prominent.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar forehead shape and height. Unknown has a forehead crease that goes straight across and doesn't break. Known has a forehead crease that breaks above both eyes
HVURP4	Dissimilar	The known image forehead is shorter in distance from hairline to brow and the forehead itself juts outward while the unknown image's forehead is wider from hairline to brow. Also, the forehead is more consistent and flat. The frontal creases do not match up. The known has a broken crease in the center while the center crease on the unknown image is straight across.
J4778Z	Dissimilar	different frontal lines
JEFCV2	Similar	width appears similar, creases on both, difficult to determine if in same locations due to different angles
KCVE8G	Similar	The frontal bone of the known image appears more pronounced and wider than unknown image's forehead but this could be due to the different angles of the images.. Both known and unknown images have two, parallel forehead lines just above the right eye that are similar in placement but may be inconsistent in width apart and length. Image quality of both known and unknown makes it difficult to see precise details.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	frontal lines on Unk do not appear to be in common with K for location. Unk appears to have a slightly larger forehead.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Dissimilar	The forehead appears to have a similar general shape. Middle of the forehead appears to indent more on the unknown. There are two frontal lines on both subjects' foreheads but they appear to be closer on the known.

Image Set Q15: Table 4.15(e) - Forehead

WebCode	Observation	Feature Notes
QFUJLW	Similar	Similar in height
QKRZZB	Similar	The contour and shape of the forehead appears to be share similarities between the probe and candidate. The width and length of the forehead looks to be similar.
QT8L8U	Inconclusive	Width of the forehead not visible due to being cut off in the picture. Height of the forehead and protrusion of the brow ridge appears simila
QY9X6C	Dissimilar	Some of forehead is cut off due to some of face being cut off in the known, both have frontal lines visible but are not the same shape/size/location, marks on the knowns forehead that are not visible in the unknown, unknown has a mark that is not in the same location in the known
RJB49C	Similar	Both candidates have similar forehead shape, to include the distance between hairline and eyebrows.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has a less elongated forehead height.
TLDKJC	Similar	
TQ9EET	Dissimilar	Unknown image blurry
U67NZD	Similar	
U8BE68	Dissimilar	forehead appears to be similar in shape and size - frontal lines appear to differ in shape and location - facial marks seen on known that are not seen on unknown
UGXDTR	Dissimilar	similar relative forehead height; both individuals have prominent frontal lines, but they appear different in relative shape and location; there are a couple facial marks that are not consistent between the individuals; brow ridge prominence appears similar
VGDWFB	Similar	Brow ridges
WK96YB	Similar	
X2TF24	Dissimilar	Forehead appears dissimilar in relative height, taller on U; unable to compare width due to cropping of K; frontal lines present on both, appear higher up on U, closer together on K, may be due to expression; brow ridges appear somewhat more prominent on K
Z9L8L3	Inconclusive	There are creases in similar area on both, but two on the known are closer together than on the unknown. This could be due to facial expression

Image Set Q15: Table 4.15(e) - Forehead

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	angle difference makes a comparison of the contour difficult, however the known appears to have a relatively flat contour with a depression in the center and rounded edges, whereas the unknown's appears to possess more of a rounded contour with a minor depression in the center, however the angle difference could account for the difference in appearances; musculature, overall rectangular-like shape, and height appear to be similar; frontal lines are dissimilar, as the known has three visible, one that spans from the right side to the medial end of the left brow, and two below this one, each beginning on either side and spanning the approx. length of each brow, whereas the unknown has three visible, however one is faint and curved in shape located at the top of the forehead that begins on the left and spans across ending above the medial end of the right brow, one that is more prominent in the center, that spans the entire width of the forehead and is relatively linear in shape, except for the ends curving down, and one below the center one that begins on the right and follows the shape of the right brow and ends at the medial end of the right brow; the distance between the frontal lines is also dissimilar, as the known's are located in a closer proximity to each other, whereas the unknown has a greater distance between the shorter and longer lines, however this could potentially be attributed to the scrunching expression displayed by the known, causing the lines to be located closer to each other; the unknown appears to have a linear shaped, small scar-like mark located above the lateral end of the left brow that is not visible on the known either due to age difference, lighting, or angle differences; the known has three small, round, darkly pigmented facial marks, one directly above the lower right frontal line and two on the left side of the face in a diagonal alignment; unknown has a raised skin-colored/reddish facial mark located above the center of the left brow that is not present on the known

Features Observations Response Summary - Q15 Forehead		Total Participants: 62
Response	Percent Reported	
Similar	31 (50.0%)	
Dissimilar	23 (37.1%)	
Inconclusive	6 (9.7%)	
Unable to Compare	2 (3.2%)	
Not Applicable	0 (0.0%)	

Image Set Q15: Table 4.15(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Known eyebrows are lighter. Known eyebrows are closer to the eyes, possibly due to the difference in expressions. Unknown eyebrows are more arched.
3UFTE6	Dissimilar	
44J8XH	Inconclusive	
474EX6	Dissimilar	The hair density within the eyebrow and the color of the eyebrow are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Dissimilar	Known eyebrows appear very straight. Unknown eyebrows have an angle at the end of the left eyebrow and the right eyebrow appears to end abruptly.
8BND4V	[Not Reported]	eyebrows appear closer toward eyes for Known(1) than Unknown(2) which can be from difference in expression, more furrowed brows for Known(1); lateral ends of eyebrows not visible for Known(1) due to angle or being cut off from image; beginning of curve of medial end of left eyebrow appears to start with similar shape
8FHAQ2	Unable To Compare	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	curvatures, hair growth patterns and starting positions at medial ends are different
9WM27B	Dissimilar	color, growth pattern, grooming appear dissimilar.
A4GTRA	[Not Reported]	Similarities include: (All observations for visible portions only - limited by obstructions) Size; Density of hair Dissimilarities include: (may be due to differences in styling and expression in Q & R) Shape; Position Not comparable: (due to image quality, pose and obstructions in one or both images) Conjoined - not observed; Hair details; Asymmetry
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Dissimilar	Color
AE2ZQY	Dissimilar	
AQVDNB	Similar	
BF6CMR	Dissimilar	different shape, width, length
BGZVPT	Dissimilar	Different in size and shape
BVKBTR	Dissimilar	known seem bushier than unknown, blurry on unknown.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	

Image Set Q15: Table 4.15(f) - Eyebrows

WebCode	Observation	Feature Notes
D2JEVW	Inconclusive	
D3D3DQ	Dissimilar	Known's eyebrows appear lower than the unknown. Known has a heavier brow line.
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar eyebrow placement, growth and end points.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Inconclusive	Known's brows appear flatter and denser but pose and expression are influencing their appearance. Unknown's brows are more arched and less dense. Known's brows are lighter in color than Unknown's.
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown appears to have darker eyebrows. Unknown's left eyebrow appears to have a hump towards the lateral side.
HVURP4	Dissimilar	Difficult to determine due to angle and facial pose. The unknown's brows are dark in color and short in length while the knowns appear lighter in shade/color.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	unknown image appears to thin out as reach lateral sides, does not appear to occur in known image, but may be cut off
KCVE8G	Dissimilar	Known's eyebrows appear lighter in color, straighter and longer in length and width across the brow ridge than unknown's shorter, darker and arched eyebrows. The length of the eyebrow appears to extend to the end of the lateral canthus of the known image but appears to fade in the unknown image closer to the beginning of the arch of the brow ridge.
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Unk quality limits comparison and K is partially cut off.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The brows appear to have a thicker medial portion on the unknown. The coloration appears to be different however this is likely due to the paint on the known. The distance between the brows is likely similar however due to the angle of the known the true distance is not clear.
QFUJLW	[Not Reported]	Similar in thickness/color. Glabellar lines are similar in shape/location/quantity

Image Set Q15: Table 4.15(f) - Eyebrows

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	The color of the eyebrows appears to be dissimilar between the probe and candidate. The growth pattern of the eyebrows appears to be dissimilar as well.
QT8L8U	Dissimilar	Color, shape appear dissimilar. Density appears similar
QY9X6C	Dissimilar	Not all of the eyebrows are visible due to known image not being full, color is lighter in the known, known is thicker, distance apart is hard to say due to angle of known, vertical glabellar lines are dissimilar in location/size/shape, shape of eyebrows are dissimilar from whats visible, brow ridge appears to be dissimilar
RJB49C	Inconclusive	Right eyebrows of both candidates appear similar in length, thickness and style. The left eyebrow of known candidate is not fully visible for full comparison.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has thin, narrow eyebrows.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67Nzd	Dissimilar	
U8BE68	Dissimilar	brows appear to differ in growth thickness
UGXDTR	Dissimilar	known's eyebrows appear lighter in color; the shape of the eyebrows appears different
VGDWFB	Dissimilar	Density of hair within eyebrow and distribution of density ,hair details (texture, shape, color)moles left side
WK96YB	Dissimilar	
X2TF24	Dissimilar	Eyebrows appear thicker on K, dissimilar in color/shape/angle, may be due to pose/subject to camera; appear wider apart in U
Z9L8L3	Inconclusive	Eyebrows appear darker on unknown
ZCKK6L	Dissimilar	color, shape, length, and thickness is dissimilar, as the known's are dirty blonde color, longer from end to end, thicker, and linear in shape, whereas the unknown's are darker, compact in size, thinner, and are linear in shape but arched at the lateral ends; the approx. distance between the medial ends and proximity to the eyes is dissimilar, as the known's are closer together and positioned closer to the eyes, however this could be attributed to being drawn in/down due to the expression displayed; both have thick growth in the medial ends that become sparse as the lateral ends are approached; both have a curved vertical glabellar line off of the left brow, however the known's is more prominent, closer to the brow, and shorter, whereas the unknown's is longer, less prominent, and appears to make a tented shape with the right line; the known has a distinct nasion crease that isn't visible on the unknown

Features Observations Response Summary - Q15 Eyebrows		Total Participants: 60
<u>Response</u>	<u>Percent Reported</u>	
Similar	4 (6.7%)	
Dissimilar	41 (68.3%)	
Inconclusive	11 (18.3%)	
Unable to Compare	4 (6.7%)	
Not Applicable	0 (0.0%)	

Image Set Q15: Table 4.15(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	Face pose different maybe straining eye.
2XLVQ2	Inconclusive	Knowns eyes are squinted. The knowns left medial canthus is more prominent.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The eye size is dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both subjects have smaller eyes. Known is making a face and eyes are squinting. The lines under the eyes appear different between the two subjects.
8BND4V	Inconclusive	difficult to compare details of eyes due to difference in angle of head, difference in expression; eyes are more narrowed for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	face pose different with straining eyes
9NAAFD	Dissimilar	unknown's eye are more angled in their position on face than known, eye shape appears different, under eye line positions and curvatures are different
9WM27B	Dissimilar	left medial canthus shape and slope appear dissimilar. Superior palpebral creases appear dissimilar.
A4GTRA	[Not Reported]	Similarities include: Lower eyelid: prominence, protrusion Dissimilarities include: (some may be due to differences in pose and expression in Q & R) Eye fissure opening: shape, angle; Lower eyelid: visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil; Sclera: visibility; Iris: visibility Not comparable: (due to pose, obstructions and image quality in one or both images) Inter-canthal distance; Inter-pupillary distance; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil, lash characteristics; Lower eyelid: lash characteristics; Eyeball prominence; Iris: diameter relative to eye opening, position relative to eye opening, irregularity of iris; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry
A8F4MA	Dissimilar	Right and left lower eyelid
A9BMPB	Dissimilar	
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	unknown has smaller eyes
BGVPT	Similar	Similar in size and shape. Known has an expression change. Both seem to be set deep.
BVKBTR	Dissimilar	around eyes of known creases below don't flow the same on unknown. hard to tell due to angle.

Image Set Q15: Table 4.15(g) - Eyes

WebCode	Observation	Feature Notes
BYKLNLR	Dissimilar	
CBAKDA	Inconclusive	
D2JEVV	Inconclusive	
D3D3DQ	Unable To Compare	Known seems to be squinting his eyes so cannot compare.
E2YXFT	Unable To Compare	
E7JQ38	Dissimilar	Dissimilar eye shape, size, angle and prominence of eyelashes.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Inconclusive	Eyes look like they could be similar in shape and width. Unable to determine spacing between eye fissure and brow due to Known's expression. Unknow's eye angle appears more flat, while Unknown's angle up at the lateral end.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar eyebrow to pupil distance. Similar eye color.
HVURP4	Dissimilar	The known is squinting and making a face so his face is distorted. But they eyes are smaller on the unknown than the known. There is a distinct crease in the "11" area of the known image that is not present in that of the unknown image.
J4778Z	Dissimilar	distance between the eyes appears different.
JEFCV2	Dissimilar	angle and difference in eye openings makes comparison difficult, crease and bulge under eye appear consistent
KCVE8G	Dissimilar	Known's eye's appear symmetrical and inconsistent with unknown's asymmetrical eyes. Unknown's left eye appears to tilt sideways with the outer end higher than the inner corner. Unknown's left palpebral fissure appears wider than the right palpebral fissure, unlike the known image.
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Both appear to have dark eyes, but different expressions and capture angles.
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Unable To Compare	

Image Set Q15: Table 4.15(g) - Eyes

WebCode	Observation	Feature Notes
QCV8PW	Inconclusive	The eyes appear to have a similar deep-set nature on both subjects. The bags under eyes appear to be larger on the unknown. The amount of hooding between the subjects, given the expression change, appears to be similar. The left medial canthus appears to be angled in a dissimilar fashion. The left eye appears to be more asymmetrical on the unknown.
QFUJLW	Inconclusive	Similar in shape. Superior palpebral crease is similar in shape/location. Inferior palpebral crease is similar in location./shape.
QKRZZB	Dissimilar	Difficult to compare due to the quality of the probe image.
QT8L8U	Inconclusive	Fine details of the eyes in the know image are blurry due to image quality. Eye shape and other details are skewed in unknown due to expression
QY9X6C	Dissimilar	Shape is dissimilar – known is wider and narrower, medial canthus shape/size is dissimilar, inferior and superior palpebral creases are dissimilar in shape/size/location, lateral canthus on the left side is cut off in the known, right side is not similar in shape, crows feet on the right side is dissimilar
RJB49C	Inconclusive	Eyes of each are dissimilar in appearance, due to differing facial expressions. Creases below eyes are similar.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown eye fissure is more tilted/slanted.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	Unknown image blurry
U67Nzd	Inconclusive	
U8BE68	Dissimilar	depth of the eyes in the orbital socket appear to differ - inferior palpebral creases differ in shape and distance below the eye
UGXDTR	Inconclusive	unable to compare color due to image quality issues; the shape of the eyes appears slightly different with the unknown's appearing to slant downwards towards the lateral ends/canths; the shape and prominence of the infraorbital creases appears different
VGDWFB	Inconclusive	
WK96YB	Inconclusive	
X2TF24	Dissimilar	Eyes appear dissimilar in overall shape/size; eyeballs appear more prominent in U, may be due to expression; inferior palpebral creases appear dissimilar in shape/prominence; left medial canthus appears more pointed in K; lateral canthi appear dissimilar in shape from what is visible, may be due to angle/pose;
Z9L8L3	Inconclusive	Unknown image is out of focus making it difficult for a comparison. They appear more brown or a dark hazel where the known's appear hazel. Both have hooded eyes.

Image Set Q15: Table 4.15(g) - Eyes

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	approx. intercanthal distance and degree of hoodedness is dissimilar, as the known has a greater distance and eyes are completely hooded, however this could be attributed to the angle and expression displayed; unknown's lower eyelids are curved to a greater degree; known's lashes are thicker/more prominent and visible; left medial canthi is similar in size and prominence, however known's comes to a point whereas the unknown's appears to be rounded; prominence of the creases below the eyes is similar, however the known's is the inferior palpebral and is located closer to the eyelid, whereas the unknown's is the infraorbital crease and is asymmetrical in curvature shape, as the right is a more distinct curve whereas the left is more angular/ "v" shaped; the unknown's undereye area is thicker and has looser skin

Features Observations Response Summary - Q15 Eyes			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (4.8%)	
	Dissimilar	25 (40.3%)	
	Inconclusive	25 (40.3%)	
	Unable to Compare	8 (12.9%)	
	Not Applicable	1 (1.6%)	

Image Set Q15: Table 4.15(h) - Cheeks

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Inconclusive	Difficult to compare due to the difference in angles and the known's face is partly cutoff.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	One of the individual's portrait is not visible and therefore a comparison cannot be made.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Inconclusive	Nothing of significance noted with the cheeks
8BND4V	Unable To Compare	unable to compare much of cheeks due to angle of Known(1), image cut off
8FHAQ2	Dissimilar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	not much of cheeks visible on known due to head angle, what is visible appears different in protrusion and shape, unknown has contouring down through cheeks not seen on known in area that is visible
9WM27B	Dissimilar	height and fullness appear dissimilar.
A4GTRA	[Not Reported]	Similarities include: Cheek shape (visible portions) Not comparable: due to pose and obstructions in one or both images; Cheekbone prominence; Dimples
A8F4MA	Similar	Right and left cheekbone
A9BMPB	Inconclusive	
AE2ZQY	Unable To Compare	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	known has fuller cheeks
BGVZPT	Similar	Known is turned to the side and unknown is straight on. Some similarities in shape of cheeks.
BVKBTR	Unable To Compare	can't really see much of cheeks on known.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Known's cheeks appear fuller than the unknown's.
E2YXFT	Unable To Compare	

Image Set Q15: Table 4.15(h) - Cheeks

WebCode	Observation	Feature Notes
E7JQ38	Unable To Compare	Known insufficiently resolved for assessment.
E9D7GU	Similar	
E9YHHN	Unable To Compare	
EYNFWN	Dissimilar	Known's entire cheek area is not visible for comparison. Known appears to have a higher zygomatic arch with more fullness in the upper cheek area.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Dissimilar	Known has smoother cheeks with a slightly more defined cheek bone
HVURP4	Dissimilar	Not enough detail and image present to determine with confidence, but the nasal crease appears different.
J4778Z	Dissimilar	
JEFCV2	Similar	curvature and creases similar within both images
KCVE8G	Dissimilar	Known and unknown's cheeks appear similar in weight. There is a groove on the upper right cheek of the unknown image that does not appear on the known image.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Inconclusive	Capture angle, limited quality.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Unable To Compare	
QCV8PW	Similar	The cheeks (where visible) appear to have a similar fullness and shaping.
QFUJLW	[Not Reported]	Similar in shape/location. Known's appear fuller.
QKRZZB	Similar	Shape of the cheeks appear to be similar between the probe and candidate.
QT8L8U	Similar	Soft tissue placement of the left cheek appears similar
QY9X6C	Dissimilar	Most of the cheeks are cut off due to angle or image in the known, the known has more texture throughout the cheeks, unknown right buccal crease is visible but not in the known, size/shape can't really be determined due to angle/image
RJB49C	Similar	Cheeks appear to have similar shape and fullness, including nasal folds.
RTFBMC	Dissimilar	
T9A37R	Similar	

Image Set Q15: Table 4.15(h) - Cheeks

WebCode	Observation	Feature Notes
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZD	Similar	
U8BE68	Dissimilar	cheeks appear to differ in fullness
UGXDTR	Dissimilar	the known appears to have slightly fuller cheeks and higher cheek bones
VGDWFB	Dissimilar	Cheekbone
WK96YB	Similar	
X2TF24	Unable To Compare	
Z9L8L3	Inconclusive	Difficult to compare due to image angle and lack of full photo in known.
ZCKK6L	Dissimilar	difficult to compare, as the majority of the known's are not visible due to the angle and manner in which the image is cropped, however the known's appear to be fuller and more bulbous along the nasolabial folds, whereas the unknown's are relatively flat and smaller

Features Observations Response Summary - Q15 Cheeks			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	17 (27.9%)	
	Dissimilar	18 (29.5%)	
	Inconclusive	10 (16.4%)	
	Unable to Compare	15 (24.6%)	
	Not Applicable	1 (1.6%)	

Image Set Q15: Table 4.15(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Dissimilar	Length of the nasal body is similar. Knowns nose appears to be wider. Tip of the unknowns nose is more bulbous.
3UFTE6	Similar	
44J8XH	Inconclusive	
474EX6	Dissimilar	The nose shape is dissimilar.
4EKVRZ	Similar	
4NN6W4	Inconclusive	
6VNPYY	Dissimilar	Known bridge of nose appears wider, base of nose is flat. Unknown bridge of nose appears skinnier and base of nose is round
8BND4V	Dissimilar	nasal tip appears thinner/more narrow for Unknown(2) than Known(1), difference in angle
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	nasal root width and indentions are different, width down through body and protrusion in body appears different, ala shape at top and indentation above left ala is different, nasal tip shape appears different
9WM27B	Dissimilar	overall shape of nose appears dissimilar. thickness of alae and shape/size of nasal tip appear dissimilar.
A4GTRA	[Not Reported]	Similarities include: (All observations for visible portions only, R side of nose partially obstructed in R1) Nasal outline: shape, width, prominence; Nasal body: angle; Nasal tip: shape, angle; Nasal alae: shape (L) Dissimilarities include: (may be due to differences in pose, lighting and position to camera in Q & R) Nasal outline: length; Nasal root: shape, depth, angle; Nasal body: width, length, shape Not comparable: (due to pose and obstructions in one or both images) Nasal base: width, height; Nasal alae: thickness (L & R), shape (R); Nostrils: shape, size, hair; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Similar	Nasal outline, Nasal root (bridge), Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose)
A9BMPB	Dissimilar	Shape/size
AE2ZQY	Dissimilar	
AQVDNB	Similar	
BF6CMR	Dissimilar	known is wider throughout
BGZVPT	Dissimilar	Knowns nose appears wider and longer
BVKBTR	Dissimilar	more bulbous on known. Shadow on unknown could be crease on bridge. unknown not clear enough to see crease on bridge. angle of known photo may distort image.
BYKLNK	Dissimilar	

Image Set Q15: Table 4.15(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Inconclusive	
D2JEVV	Similar	nasal tip, alae appear similar
D3D3DQ	Dissimilar	Known's nose appears to dip down at the tip where the unknown's does not.
E2YXFT	Dissimilar	Nose seems more bulbous on known image
E7JQ38	Dissimilar	Dissimilar nose prominence, width, alae shape, tip and columella shape and base thickness.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Known's nose appears larger with a wider nasal body.
FG99H7	Unable To Compare	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a smaller nasal tip. Known appears to have thicker alae and a wider nasal body
HVURP4	Dissimilar	The bridge is wider and more weighted in the known image than that of the unknown. The unknown's bridge of the nose appears thinner and more lined on both sides. The tip of the unknown appears less wide than that of the known image.
J4778Z	Dissimilar	one is more thick and bulbous the other is more thin and pointed
JEFCV2	Dissimilar	nose bridge appears similar in shape and flatness, nasal tip appears lower in known image, may be due to angle
KCVE8G	Similar	The nasolabial grooves of both known and unknown images appear similar in length, width and depth. There appears to be a similar slight curve or bump in the center of the bridge of each the known and unknown's nose. The length of the nose appears consistent.
KRVGN	Dissimilar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Capture angle. Both appear to have a slight protrusion just past nasal root, but Unk appears to have a more pointed nasal tip, K looks more rounded but could be due to capture angle and expression.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Unable To Compare	
PT369V	Dissimilar	
QCV8PW	Inconclusive	The nasal root appears to be more indented on the unknown but this could be due to the difference of the expression change. The top of the nasal body appears to have a small bulbous section on both subjects. The lower portion of the nasal body and the nasal tip appears to be thicker on the known. The shaping/angling of the left nostril appears to be similar (where visible)

Image Set Q15: Table 4.15(i) - Nose

WebCode	Observation	Feature Notes
QFUJLW	Inconclusive	Nasion crease is similar location. Nasal body not similar in width. Nasal tip is not similar in size. Ala is similar in shape. Nasolabial folds are similar in shape/location
QKRZZB	Dissimilar	The nasal tip of the probe appears to be smaller compared to the candidate. Difficult to see but the shape of the nostrils could be similar between the two images. The width and length of the nasal body appears to be dissimilar.
QT8L8U	Dissimilar	Nasal body of the unknown appears thicker than the knowns. Unknown has a nasion crease that is not visible on the known.
QY9X6C	Dissimilar	Bridge of nose is thicker in the known, ala is thicker, nasal root is wider in the known, nasal base appears to be wider in the known, mark on the right side of nose in the known that is not in the unknown, shape of bridge is dissimilar, nasolabial fold is dissimilar in location/size
RJB49C	Inconclusive	The nose of each candidate is somewhat similar, in that it is wide at the bridge, narrows moving toward the tip of the nose, then widens again at the tip. Columella positioning in relation to the nostrils is also similar, extending below the nostrils. Known candidate's nose appears larger than that of known.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	Unknown image blurry & off angle & scrunched-up expression
U67Nzd	Similar	
U8BE68	Dissimilar	nasal body and alae differ in shape and thickness - nasolabial folds differ in shape toward the lower end of the face
UGXDTR	Dissimilar	the known appears to have a prominent horizontal crease at the nasal root that is not visible in the unknown; similar nasal root, bridge and tip width; the known's nasal tip appears more squared off in shape than the unknown's; similar definition to nasal alae; similar nasal alae attachment shape; known has a prominent facial mark present on the left nasal alae that is not present in the unknown
VGDWFB	Dissimilar	Nasal body (width, length, shape, angle) nasal root, alae
WK96YB	Similar	
X2TF24	Dissimilar	Nose appears larger in size in K, may be due to subject to camera difference/pose; nasion crease present in K, not visible in U; vertical glabellar line on left side of nasal root that appears similar in both, one on right in U that is not visible in K; nasal body appears to have similar shape getting wider below root; nasal tip appears much wider on K, more rounded on U; shape of left ala appears dissimilar, may be due to angle
Z9L8L3	Dissimilar	Nose on known appears wider and shorter than on unknown. This could be due to camera angle

Image Set Q15: Table 4.15(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Dissimilar	cone-like shape is somewhat similar, however the known's appears to be thicker; nasal root is dissimilar, as the known's is wider; nasal body is dissimilar, as the unknown's is narrower and is rounded near the root, curves inward on either side along the center, and then narrows as the tip is approached, whereas the known's appears to be consistent in width and relatively straight in shape; nasal tips are dissimilar as the known's appears to be flat/ linear in shape (although this could be attributed to the pitch difference), whereas the unknown's is rounded and slightly more elongated; nasal base width appears to be relatively similar, however the alae seem to be significantly thicker than the unknown's; left nasolabial fold is similar in short length, but is dissimilar in shape and proximity to the nose and mouth, as the known's is linear in shape and further from the ala and mouth corner, whereas the unknown's possesses a subtle curved shape and is closer to the ala and corner of the mouth

Features Observations Response Summary - Q15 Nose		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	11 (17.7%)
	Dissimilar	40 (64.5%)
	Inconclusive	9 (14.5%)
	Unable to Compare	2 (3.2%)
	Not Applicable	0 (0.0%)

Image Set Q15: Table 4.15(j) - Ears

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the known.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	One of the individual's portrait is not visible and therefore a comparison cannot be made.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Known ears are not visible. Both of unknown ears are visible.
8BND4V	Unable To Compare	unable to compare ears due to angle of head and being cut off image of Known(1)
8FHAQ2	Not Applicable	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	unable to see ears of known
9WM27B	Unable To Compare	Unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions to both ears in R1) Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGZVPT	Unable To Compare	Known ears are unavailable.
BVKBTR	Unable To Compare	no ears visible on known.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	Not visible in the known image
D2JEVW	Unable To Compare	

Image Set Q15: Table 4.15(j) - Ears

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Ears are not visible in the known image.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears not observed in the Known.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Known's ears are not visible
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	ears not visible in known image to compare
KCVE8G	Unable To Compare	not visible in known image and therefore not comparable.
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	Not visible.
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	not able to compare due to angle
QFUJLW	Unable To Compare	
QKRZZB	Not Applicable	
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Not visible in the known therefore cannot be compared
RJB49C	Unable To Compare	Known candidate's ears are not in frame for comparison.
RTFBMC	Unable To Compare	not visible in known
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	

Image Set Q15: Table 4.15(j) - Ears

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67NZZ	Unable To Compare	
U8BE68	Unable To Compare	not visible on the known
UGXDTR	Unable To Compare	unable to compare due to ears not being visible in known
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Not Applicable	
ZCKK6L	Unable To Compare	

Features Observations Response Summary - Q15 Ears			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	0 (0.0%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	3 (4.8%)	
	Unable to Compare	48 (77.4%)	
	Not Applicable	11 (17.7%)	

Image Set Q15: Table 4.15(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Fullness of the lips are similar. The fissure has a similar curvature. Left marionette line has a similar prominence and found in similar locations. Philtrum is similar in prominence and length.
3UFTE6	Similar	
44J8XH	Inconclusive	
474EX6	Dissimilar	The mouth size is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	[Not Reported]	Both subjects have thin lips, with upper lip being slightly thinner than bottom lip. Known cupid's bow appears more pronounced/ pointier in the middle than unknown.
8BND4V	Similar	shape of upper lip appear to have similar shape; both appear to have thinner lips; appear to have similar v-shape to cupid's bow
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Dissimilar	lip sizes appear similar but shapes are different, fissure is different in curvature, mouth end angles are different
9WM27B	Dissimilar	upper vermilion border shape dissimilar. thickness of upper and lower lips appears dissimilar.
A4GTRA	[Not Reported]	Similarities include: Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, upper vermilion border shape; Lower lip: shape, fullness, protrusion; Lip fissure: shape, angle; Asymmetry - R side of upper vermilion border sits higher than L - observed in Q & R Dissimilarities include: (some may be due to differences in pose and expression in Q & R) Upper lip: fullness, protrusion; Lower lip: lower vermilion border shape; Lip fissure: degree of contact Not comparable: (due to pose, closed mouth expression and image quality in one or both images) Upper/lower lip: detail; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Similar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Similar	Expression
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	similar thin lips
BGVZPT	Dissimilar	Some similarity but there is an expression difference in the Known that alters the shape and size
BVKBTR	Inconclusive	cupid's bow better defined on known by maybe due to pursed lips on known, low resolution to really see clearly,

Image Set Q15: Table 4.15(k) - Mouth

WebCode	Observation	Feature Notes
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Similar	
D3D3DQ	Similar	Lips are of similar size.
E2YXFT	Inconclusive	Lower lip seems similar, but the slight asymmetry of the upper lip on unknown image is not visible on known image
E7JQ38	Dissimilar	Dissimilar mouth width and upper lip shape.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Dissimilar	Different mouth expressions. Both have thinner lips. Dissimilar upper vermilion border shape. Known's philtrum is shorter with a more triangular shape (I'm considering the differences in head positions).
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Dissimilar	Known has a more defined cupid's bow. Both have similar bottom lip fullness. Known has a wider lip fissure
HVURP4	Similar	Similar lip thickness, but the mouth fissure of the unknown appears slightly wavier than that of the known.
J4778Z	Dissimilar	
JEFCV2	Similar	creases similar from nose to mouth area, shape of lower lip and creases on lateral sides similar
KCVE8G	Similar	The width of the mouth from corner to corner appears consistent between known and unknown images. The size and width of the upper and lower lip of both known and unknown appear similar. The philtral ridges, philtrum, cupid's bow and mentolabial sulcus all appear consistent in size, contour and placement
KRVVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	Both have thinner lips and nasolabial creases do not extend fully towards the corners of the mouth but the distance from the nasal base to the cupid's bow appears less in K.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The upper vermilion border appears to have a similar asymmetric setting with the right side being higher than the right on both subjects. The lower lip appears to be larger on the both subjects. The left portion of the fissure appears to have a similar shaping. The philtrum appears to have a similar depth and shaping.

Image Set Q15: Table 4.15(k) - Mouth

WebCode	Observation	Feature Notes
QFUJLW	Similar	Vermillion border is similar in shape. Philtrum is similar in location/shape. Lips are similar in thickness.
QKRZZB	Dissimilar	The fullness of the lower lips appears to be dissimilar between the probe and candidate.
QT8L8U	Similar	line of the upper and lower vermilion boarder appears similar along with thickness of the upper and lower lips, fissure appears similar
QY9X6C	Dissimilar	Known lips are more puckered due to expression, unknown lips appear to be thinner, marionette lines are longer in the unknown, width appears to be wider in the known, philtrum is longer in the unknown
RJB49C	Similar	The mouth of each are consistent in lip shape, thickness and folds at the corners.
RTFBMC	Dissimilar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Similar	general shape of the mouth appears to be similar with an asymmetrical upper vermilion border - mentolabial sulcus appears to be present on both subjects
UGXDTR	Similar	similar overall size; similar fullness of upper and lower lips; similar protrusion of lower lip; lateral ends of the unknown's lip fissure appear to point downwards where known's appear to slightly point upwards; similar philtrum width; similar shaped and prominent mentolabial sulcus
VGDWFB	Similar	Philtrum , shape overall mouth
WK96YB	Similar	
X2TF24	Dissimilar	Upper vermilion border appears more defined in K; right side of lip appears to sit higher up than left side in U, dissimilar in K; upper lip appears fuller in U, may be due to expression; lower lip appears fuller in U, may be due to quality; lower vermilion border appears more squared in K; texture of lips appear dissimilar; mentolabial sulcus appears similar location, more defined in U; philtrum appears similar in depth and prominence
Z9L8L3	Similar	Both have a thin upper lip and slight cupid's bow.
ZCKK6L	Dissimilar	shape and size are similar, although the known's appears to be more prominent, but this can be attributed to the expression displayed; lip color and fullness is similar; known's upper vermilion border is more elongated and rounded "m" shape, whereas the unknown's alas are asymmetric, with the right taller and more a peak shape, whereas the left is shorter, rounded, and longer; lower vermilion borders are dissimilar, as the known's is composed of linear shapes, whereas the unknown's is a curved shape; fissure shape is dissimilar; philtrum appear to be relatively similar in depth and shape, however the known's is wider and comes to a more drastic point between the alas; mentolabial sulcus is somewhat similar in shape and location, however the unknown's is more prominent, the mound shape in the center is shorter in width, and the crease extends towards the marionette lines on either side, whereas the unknown's appears to just be the mound shape

Features Observations Response Summary - Q15 Mouth		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	36 (59.0%)	
Dissimilar	16 (26.2%)	
Inconclusive	8 (13.1%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q15: Table 4.15(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Chin is more rounded on the unknown, squared on the known. Possibly due to the difference in angles and expressions.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The angle between the two pictures is dissimilar.
4EKVRZ	Similar	
4NN6W4	Inconclusive	
6VNPYY	Dissimilar	Known chin appears more square. Unknown chin appears to have some roundness to the bottom.
8BND4V	Inconclusive	unable to compare jawline due to angle/being cut off from Known(1) image; appears to have similar chin protrusion, angle difference
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	none of jawline of known visible, but chin shape appears different with unknown's being a little more rounded and more protruding
9WM27B	Dissimilar	Mento labial sulcus and shape of chin appears dissimilar.
A4GTRA	[Not Reported]	Dissimilarities include: (some may be due to differences in pose, lighting and camera position in Q & R) Chin: overall shape, length, prominence Not comparable: (due to image quality, pose and obstructions in one or both images) Chin: width relative of rest of face, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Similar	Chin
A9BMPB	Inconclusive	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	chin is rounder in unknown subject
BGZVPT	Dissimilar	There are some similarities but the angle difference makes it more difficult to compare
BVKBTR	Inconclusive	half missing due to angle, chin could be similar, low resolution.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Similar	
D3D3DQ	Similar	Despite the difference in marks on the chin, it is similar in shape. Cannot see enough of the known's jaw to compare.

Image Set Q15: Table 4.15(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Chin seems to be more square on known image
E7JQ38	Dissimilar	Dissimilar lower chin prominence and shape.
E9D7GU	Inconclusive	
E9YHHN	Inconclusive	
EYNFWN	Dissimilar	Unable to see Known's jawline. Known's chin appears more squared and Unknown's is more rounded. Known's mentolabial sulcus looks flatter and Unknown's is more rounded (noting different mouth expressions). Unknown's sulcus to bottom of chin distance is longer than in the Known.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	[Not Reported]	Unknown has a more prominent chin and a visible mediolabial sulcus
HVURP4	Inconclusive	Hard to determine due to image angle and not a full unknown image. The chin/ jawline is similar and the distance from bottom lip to chin appears similar. The downward turn of the sulcus appears similar. There are some markings present on the chin of the known image that are not present on the unknown image.
J4778Z	Dissimilar	chin appears more bulbous in one photo over the other.
JEFCV2	Similar	upper circle crease similar within both images
KCVE8G	Similar	Chin appears similar in size and contour. Jawline is not visible in known image.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Inconclusive	Only chin is visible in K and from a different angle.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Unable To Compare	
QCV8PW	Inconclusive	The chin appears to be more pronounced on the unknown. There is a similar depression at the mentolabial sulcus. The jawline is not able to be compared due to angle change.
QFUJLW	Inconclusive	Chin is similar in size/shape. Mentolabial sulcus is similar in location/shape/size. Facial markings on the chin are not similar in shape/color/size/location
QKRZZB	Dissimilar	The shape of the chin appears to be dissimilar between the probe and candidate.
QT8L8U	Inconclusive	Squareness of the chin appears similar. Jawline is not visible for comparison

Image Set Q15: Table 4.15(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Jawline is not visible in the known due to angle/image, chin is squarer in the known, unknown chin protrudes outward more, mentolabial sulcus size/shape is similar, unknown has more marks throughout and are not visible in the known
RJB49C	Inconclusive	The jawline is not visible for comparison. The chins of each are similar in shape including indention between mouth and tip of chin.
RTFBMC	Inconclusive	too drastic camera angle, known image cutoff
T9A37R	Dissimilar	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67Nzd	Similar	
U8BE68	Dissimilar	chin of known is difficult to compare due to angle of image - facial marks seen on known that are not seen on the unknown
UGXDTR	Inconclusive	unable to fully compare due to known image capture; chin shape and prominence appears similar
VGDWFB	Inconclusive	
WK96YB	Similar	
X2TF24	Inconclusive	Chin appears similar in size, appears may be more squared in K, may be due to angle; jawline is unable to compare
Z9L8L3	Inconclusive	The chin is similar in shape and size. Facial marks are not consistent.
ZCKK6L	Dissimilar	shape of the jawline can't be compared due to the angle difference; width, short height, and prominence of the chins are similar, however the shape and symmetry is dissimilar, as the known's appears to be square-like and symmetrical whereas the unknown's appears to be rounded and asymmetric; the known has a facial mark on left side of the chin along the jawline, and the unknown has one on the front right side, both of which are not present on the other

Features Observations Response Summary - Q15 Chin/Jawline		Total Participants: 61
	Response	Percent Reported
	Similar	15 (24.6%)
	Dissimilar	16 (26.2%)
	Inconclusive	21 (34.4%)
	Unable to Compare	9 (14.8%)
	Not Applicable	0 (0.0%)

Image Set Q15: Table 4.15(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare not visible on known or unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	One of the individual's portrait is not visible and therefore a comparison cannot be made.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Neck is not visible on known.
8BND4V	Unable To Compare	unable to compare neck due to angle and being cut off image of Known(1)
8FHAQ2	Unable To Compare	
8T7EYX	Unable To Compare	
9NAAFD	Inconclusive	not enough of neck of known visible for comparison
9WM27B	Unable To Compare	unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Overall neck: width, height, details; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Unable To Compare	can't see known's neck
BGVPT	Unable To Compare	Knowns is obscured.
BVKBTR	Unable To Compare	known painted and hardly visible.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEVV	Unable To Compare	
D3D3DQ	Unable To Compare	Unable to see enough of the known's neck to compare.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Known insufficiently resolved for assessment.

Image Set Q15: Table 4.15(m) - Neck

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Unable to see Known's neck
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	Known's neck isn't really visible
HVURP4	Not Applicable	cannot see much of the known's neck.
J4778Z	Unable To Compare	
JEFCV2	Not Applicable	not much area available in known image for neck
KCVE8G	Unable To Compare	details are not visible in known image. Not enough information available for comparison purposes.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	Not visible.
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Unable To Compare	
QCV8PW	Unable To Compare	not able to compare due to imaging angle.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	No comparable details on the neck of the candidate.
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Known neck is not visible due to angle/image therefore cannot be compared
RJB49C	Unable To Compare	Known candidate's neck is not fully in frame for comparison.
RTFBMC	Unable To Compare	not visible in known
T9A37R	Dissimilar	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67NZZ	Unable To Compare	
U8BE68	Unable To Compare	neck of known is not visible

Image Set Q15: Table 4.15(m) - Neck

WebCode	Observation	Feature Notes
UGXDTR	Unable To Compare	unable to compare due to image capture
VGDWFB	Not Applicable	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Not enough detail in known to compare
ZCKK6L	Unable To Compare	the majority of the known's is obstructed by the position of the head and the camera angle and therefore can't be compared, however the unknown's musculature appears to be thicker and has two distinct neck creases that are curved in shape and run parallel with each other

Features Observations Response Summary - Q15 Neck			Total Participants: 62
	Response	Percent Reported	
	Similar	1 (1.6%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	6 (9.7%)	
	Unable to Compare	47 (75.8%)	
	Not Applicable	7 (11.3%)	

Image Set Q15: Table 4.15(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Dissimilar	The hair density of the beard and the position are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Similar	no facial hair present
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	N/A no facial hair to compare.
A4GTRA	[Not Reported]	Facial hair not observed in Q & R.
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Unable To Compare	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No facial hair observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	

Image Set Q15: Table 4.15(n) - Facial Hair

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	None noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Similar	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	Neither have facial hair and no hair growth pattern is visible in either.
MMPAFW	Not Applicable	
MX9NJY	Similar	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	none noted
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Similar	both individuals are clean shaven

Image Set Q15: Table 4.15(n) - Facial Hair

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Unable To Compare	Facial hair growth pattern may be visible on chin of U, not visible on K - may be due to angle
Z9L8L3	Not Applicable	None observed
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q15 Facial Hair			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	9 (14.8%)	
	Dissimilar	1 (1.6%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	3 (4.9%)	
	Not Applicable	47 (77.0%)	

Image Set Q15: Table 4.15(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	Lighting and not full image.
2XLVQ2	Dissimilar	Frontal lines found on both subjects. Arrangement of the lines are dissimilar, known has 3 separate lines, unknown has 1 continuous and a short one underneath. Known has creases at the root of the nose and the start of the left eyebrow, not found on the unknown. Inferior palpebral creases are dissimilar, lower on the unknown. Left nasolabial folds have a similar prominence. Mentolabial sulcus is more prominent on the unknown, possibly due to the difference in facial expressions.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The position of the wrinkles on the forehead is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have a deep line on the right side of the nose making the cheek look pronounced. Unknown has lines from corners of mouth surround the chin area; these lines do not appear on the known. Vertical line on bridge of known nose; does not appear on unknown. See above for additional descriptions.
8BND4V	[Not Reported]	appears to have similar shape/curve to frontal line closest to right eyebrow, more central frontal line appears slightly lower on forehead for Known(1) than Unknown(2) which can be due to more furrowed brow/squinted expression; shape of mentolabial sulcus appears similar; Known(1) appears to have more prominent nasion crease and vertical glabellar line curving from medial end of left eyebrow, difference in expression
8FHAQ2	Similar	
8T7EYX	Inconclusive	lighting - half image
9NAAFD	Dissimilar	nasolabial line positions and angles/curvatures are different
9WM27B	Dissimilar	frontal line placement depth length are dissimilar. placement of nasolabial fold (L) is dissimilar as well as length and depth.
A4GTRA	[Not Reported]	Similarities include: Mentolabial sulcus - limited Dissimilarities include: (some may be due to differences in pose and expression in Q & R) Frontal lines; Inferior palpebral crease; Infraorbital crease; Nasolabial crease (L) Not comparable: (not observed or obstructed, nil observations made for creases observed in Q1, that are obstructed in R1) Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Periorbital lines; Superior palpebral crease; Circumoral striae; Nasolabial crease (R); Marionette lines; Cleft chin; Buccal creases; Wrinkles on neck; Other creases
A8F4MA	Dissimilar	Frontal lines (forehead wrinkles), Right and left inferior palpebral crease
A9BMPB	Dissimilar	
AE2ZQY	Dissimilar	

Image Set Q15: Table 4.15(o) - Facial Lines

WebCode	Observation	Feature Notes
AQVDNB	Similar	
BF6CMR	Dissimilar	forehead lines are not the same
BGZVPT	Dissimilar	The linse on both subjects are light and do not seem to line up
BVKBTR	Dissimilar	creases around nose don't seem the same on the right or the left side. the center of the chin the line there is very faint on knwon but should be more clear.
BYKLNK	Dissimilar	
CBAKDA	Inconclusive	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Facial lines appear dissimilar.
E2YXFT	Dissimilar	Horisontal lines on the forehead do not seem to match, crease on the bridge of the nose seems to be non-existing on unknown image
E7JQ38	Dissimilar	Dissimilar forehead creases, nasion crease, prominence of infraorbital crease, length and prominence of palpebral crease, angle of nasolabial crease and marionette lines.
E9D7GU	Similar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Dissimilar frontal lines, inferior palpebral creases, nasion crease, vertical glabellar lines, and nasolabial fold. I compared the Known in the original and horizontally flipped orientations.
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Dissimilar	Some discussed above. Known has a crease across the nasal root. Unknown has intraorbital creases that fork in to the cheek
HVURP4	Dissimilar	Noted above.
J4778Z	Dissimilar	frontal lines are different in thickness and location
JEFCV2	Inconclusive	some similar (nose/mouth area), some dissimilar (forehead)
KCVE8G	Dissimilar	
KRVGN	Dissimilar	
KZ6KVM	Unable To Compare	
LYMV82	Inconclusive	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	forehead

Image Set Q15: Table 4.15(o) - Facial Lines

WebCode	Observation	Feature Notes
QCV8PW	Inconclusive	The spacing between the nasolabial lines and the mouth appear to be similar. The left nasolabial appears to attach in a similar area. There appears to be a similar arrangement and contour of frontal lines. There may be a similar vertical glabellar crease however due to quality it is unclear. The inferior palpebral creases appear to have a similar contour.
QFUJLW	[Not Reported]	Discussed in other sections
QKRZZB	Dissimilar	Frontal lines on the probe and candidate do not line up. The nasolabial folds appear to not be similar in length and depth.
QT8L8U	Dissimilar	Facial lines on the forehead appear similar in placement and line. Glabellar placement appears similar. The know has prominent left and right eye Inferior palpebral creases and infraorbitbial creases that are not visible on the unknown
QY9X6C	Not Applicable	
RJB49C	Inconclusive	There is similarity in nasal folds and undereye creases. Unable to determine in forehead creases are similar.
RTFBMC	Dissimilar	low resolution unknown
T9A37R	Dissimilar	Known has a deep nasion crease.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	Unknown image blurry - dissimilar forehead lines
U67Nzd	Similar	
U8BE68	Dissimilar	mentioned in the forehead, eyes, nose, and mouth sections of this comparison
UGXDTR	Inconclusive	both individuals have a curved crease extending upwards from the medial end of the left eyebrow that appears similar in prominence, but difficult to definitively tell similarity due to image quality issues
VGDWFB	Inconclusive	
WK96YB	Similar	
X2TF24	Dissimilar	Previously mentioned
Z9L8L3	Similar	The nasolabial fold is similar and the crease under the right eye appears similar
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q15 Facial Lines		Total Participants: 59
Response	Percent Reported	
Similar	12 (20.3%)	
Dissimilar	34 (57.6%)	
Inconclusive	9 (15.3%)	
Unable to Compare	3 (5.1%)	
Not Applicable	1 (1.7%)	

Image Set Q15: Table 4.15(p) - Scars

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Scars not observed in Q & R
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q15: Table 4.15(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Unknown potentially has scar on right forehead, although it could be a deeper area of the frontal line. Scars not noted in Known
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Known has a scar towards the bottom of the chin on the left side.
HVURP4	Not Applicable	None visible.
J4778Z	Not Applicable	
JEFCV2	Similar	possible scar near crease on chin, similar in shape and curvature
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	
PT369V	Not Applicable	
QCV8PW	Inconclusive	There appear to be more scar/marks on the known than the unknown however these could be transient.
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	none noted
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	Unknown image blurry - known has scar on chin
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q15: Table 4.15(p) - Scars

WebCode	Observation	Feature Notes
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Inconclusive	Appears may be a scar on left side of mentolabial sulcus, may be an extension of the sulcus on U; appears to be similar in area on K, however may be dissimilar in shape
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q15 Scars		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.3%)
	Dissimilar	3 (5.0%)
	Inconclusive	6 (10.0%)
	Unable to Compare	2 (3.3%)
	Not Applicable	47 (78.3%)

Image Set Q15: Table 4.15(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Not Applicable	
2XLVQ2	Dissimilar	Marks on the left and right side of the knowns forehead, mark found on the unknowns forehead but not similar in size, color or location. Mark on the left nostril and chin of the known, not found on the unknown.
3UFTE6	Dissimilar	
44J8XH	Not Applicable	
474EX6	Dissimilar	One of the individuals has a mole on the forehead.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Dissimilar	Known has a facial mark on right side of chin. Unknown has a facial mark on right side of forehead.
8BND4V	Inconclusive	potential mark on lower left chin of Known(1) does not appear present for Unknown(2), could be transient mark/dirt; Known(1) has lots of paint flecks on face
8FHAQ2	Dissimilar	
8T7EYX	Not Applicable	
9NAAFD	Dissimilar	both have marks on chin but in different positions
9WM27B	Dissimilar	facial marks on forehead of unknown not observed on known. facial mark on L chin of known not observed on unknown.
A4GTRA	[Not Reported]	Dissimilarities include: (may be due to transient marks or differences in lighting, age and image quality in Q & R) Possible facial marks observed on Q1, not R1 - L mid-forehead, - R lower border chin; Possible facial marks observed on R1, not Q1 - Some marks on forehead, - L lower border of chin, - L cheek adjacent to end of nasolabial crease, - some marks on L of nasal body
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Not Applicable	none matching
BGZVPT	Not Applicable	None noticed.
BVKBTR	Inconclusive	I can't tell what is a mark and what isn't due to paint on known. marks on unknown don't seem to be on known.
BYKLNK	Dissimilar	
CBAKDA	Unable To Compare	
D2JEVW	Inconclusive	

Image Set Q15: Table 4.15(q) - Facial Marks

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	There is a facial mark on the right side of the unknown's chin that is not observed in the known. There is a mark on the left side of the known's chin that is not observed in the unknown.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Facial marks insufficiently resolved for assessment.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Known's face has paint spatter, but there are several spots that look like biological marks. There are potentially three marks on the forehead. A few marks under the right eye and across the top of the nose. There is a mark on the cheek near the cropping line. There is a mark on the left side of the chin. The Unknown has a mark on the left side of the forehead, two marks lateral to the right eye, and a mark nearing the midline of the chin. There are potentially two marks near the left sideburn.
FG99H7	Unable To Compare	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a facial mark above the left eye on the forehead and towards the right side of the forehead near the right eye.
HVURP4	Dissimilar	Noted above.
J4778Z	Dissimilar	Appears to be a mark on the forehead above the left eye on one photo and a mark on the chin in the other
JEFCV2	Dissimilar	multiple marks within both images which can't be seen or do not appear similar within both images
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Inconclusive	There appear to be more scar/marks on the known than the unknown however these could be transient.
QFUJLW	[Not Reported]	Discussed in other sections
QKRZZB	Dissimilar	Both probe and candidate have facial markings on the face. But they do not line up between the two. There's a mark on the left side of the chin of the candidate that is not on the probe. The Candidate also has a two facial marks on the forehead that are not visible on the probe.
QT8L8U	Dissimilar	Unknown has several facial marks- one on the left chin, left and right forehead, which are not visible on the known

Image Set Q15: Table 4.15(q) - Facial Marks

WebCode	Observation	Feature Notes
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Dissimilar	low resolution unknown
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	Unknown image blurry
U67Nzd	Dissimilar	
U8BE68	Dissimilar	mentioned in the forehead and chin sections
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Unable To Compare	
WK96YB	Dissimilar	
X2TF24	Dissimilar	Marks present on chin of both in dissimilar location; marks on left side of nose not visible on U, may be due to quality; marks on forehead of both in dissimilar location/quantity/size, may be some transient marks on K
Z9L8L3	Dissimilar	The moles observed in known are not observed in the unknown, but the unknown image is out of focus.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q15 Facial Marks		Total Participants: 59
	<u>Response</u>	<u>Percent Reported</u>
	Similar	1 (1.7%)
	Dissimilar	29 (49.2%)
	Inconclusive	9 (15.3%)
	Unable to Compare	5 (8.5%)
	Not Applicable	15 (25.4%)

Image Set Q15: Table 4.15(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Image different environment, angle, pose, focal length.
2XLVQ2	[Not Reported]	Known has what appears to be paint scattered throughout the face. There is a difference in facial expressions.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	[Not Reported]	Known(1) has some potential powder/paint on skin/hair
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	pose
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Alterations not observed in Q & R.
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	[No observations reported for this feature.]	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Dissimilar	Green and yellow color on the face and hair the known image.
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	Apparent paint on known is not observed on unknown.
E2YXFT	Dissimilar	Paint on the face on known image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Inconclusive	

Image Set Q15: Table 4.15(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	[Not Reported]	Known's face and hair are spattered with paint
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	Tinted yellow/green hair on the known image and not on the unknown.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	"paint/coloring" present in probe
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Not enough evidence or face clearance
PT369V	[Not Reported]	facial expression
QCV8PW	Dissimilar	Paint on the known
QFUJLW	[Not Reported]	Known's image is cut off, some features are unable to compare. Also there is an unnatural facial expression.
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Known has paint on the face
RJB49C	Not Applicable	
RTFBMC	Dissimilar	splashed paint in known
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Dissimilar	known has paint all over their face

Image Set Q15: Table 4.15(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Paint/powder/makeup present on K, not visible on U
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q15 Alterations		Total Participants: 53
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.8%)
	Dissimilar	13 (24.5%)
	Inconclusive	3 (5.7%)
	Unable to Compare	0 (0.0%)
	Not Applicable	35 (66.0%)

Image Set Q15: Table 4.15(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, compression, resolution and other imaging conditions.
BGZVPT	Clarity	Dissimilar	Unknown is out of focus and fuzzy
D3D3DQ	Image Quality	Dissimilar	The unknown image is blurry.
E7JQ38	Limitations	NotApplicable	Image quality, lighting, perspective distortion, ageing, pose, expression and occlusion (paint and image crop).
EYNFWN	head position		dissimilar yaw, angled profile vs frontal
QY9X6C	Overall Image Quality	Dissimilar	Known image is left side of face is cut off, known is more of an angle where the unknown is a frontal, the unknown has some of a blur to the image but still good quality, the known is also good quality
BGZVPT	Age	Dissimilar	Unknown looks older
EYNFWN	lighting		outdoor lighting vs indoor overhead lighting
EYNFWN	camera		possible slight perspective distortion in Known
EYNFWN	Mirror image		Known image looks like a selfie and may be horizontally flipped. There are two banners in the background. The white banner is probably "Start" for the race; in which case, the horizontally flipped image would be more correct depending on how the sign was made. The image was compared in both formats, but the observations above use Left and Right based on the original image.
EYNFWN	Quality		Known is higher quality. Unknown is slightly lower in quality.

Detailed Feature Observations

TABLE 4 - Image Set Q16

Image Set Q16: Table 4.16(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin is fair on known and unknown. Skin appears to be fairly smooth on both subjects.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Similar	The skin tone is similar.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Similar	Both subjects are white males with redness in the cheeks and lips
8BND4V	[Not Reported]	both appear to have lighter skin tones, difference in lighting with more light on Known(1)
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both appear to have similar textures and tones as well as luminance on foreheads and cheeks
9WM27B	Similar	skin color, texture, and tone is similar.
A4GTRA	[Not Reported]	Dissimilarities include: (may be due to differences in lighting and image quality in Q & R) Overall skin appearance: tone Not comparable: (due to image quality in one or both images) Overall skin appearance: texture
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Poor quality. Known more smooth
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Inconclusive	unk picture is not clear
BGZVPT	Similar	Similar in complexion.
BVKBTR	Not Applicable	
BYKLNK	[No observations reported for this feature.]	
CBAKDA	Unable To Compare	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar.

Image Set Q16: Table 4.16(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar texture and tone
E7JQ38	Similar	Similar skin tone and redness on cheeks.
E9D7GU	Similar	
E9YHHN	Inconclusive	
EYNFWN	Similar	similar tone and texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar smooth texture and color
HVURP4	Similar	Skin appears similar in texture and in coloration. Lighting is different in each image.
J4778Z	Similar	appears consistent in texture and color
JEFCV2	Dissimilar	coloring is different, may be due to settings, lighting
KCVE8G	Similar	KNOWN AND UNKNOWN: the skin is equal in light color and tone, consistent texture and complexion
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	both have light skin. Both have less than ideal quality images.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to have a similar light skin tone. The unknown appears to have more textured skin however this could be artifacts from the image quality.
QFUJLW	Similar	Similar in light color
QKRZZB	Similar	Skin tones appear to be similar between the probe and candidate.
QT8L8U	Inconclusive	Due to image quality, the skin texture appears different but there is pixilation
QY9X6C	Dissimilar	Tone is more red in the unknown; texture appears to be smooth but could be the quality of images
RJB49C	Inconclusive	The skin of known candidate appears smooth with no blemishes. That of unknown is also smooth but shows discoloration on the forehead in spots. There is a significant light difference and both photos lack great clarity.
RTFBMC	Inconclusive	image resolution difference
T9A37R	Dissimilar	Known has skin that appears clear while the unknown has freckles.

Image Set Q16: Table 4.16(a) - Skin

WebCode	Observation	Feature Notes
TLDKJC	Inconclusive	
TQ9EET	Inconclusive	
U67Nzd	Inconclusive	
U8BE68	Similar	skin tone and texture appear to be similar between subjects
UGXDTR	Inconclusive	similar tone and texture, but difficult to definitively tell due to image quality issues
VGDWFB	Similar	Luminance and color
WK96YB	Inconclusive	
X2TF24	Inconclusive	Skin appears similar in luminance, dissimilar in texture, may be due to image quality; similar in variation in tone, a bit brighter on K
Z9L8L3	Similar	Both are caucasian males. Similar skin tone - rosy cheeks
ZCKK6L	Similar	smooth/even texture appears to be similar; complexion is dissimilar, as the known's tone is even and slightly tanned whereas the unknown's is mostly tanned with redness on the ears, forehead perimeter, and across the cheeks and nose, however this could be attributed to sun exposure or lighting differences

Features Observations Response Summary - Q16 Skin		Total Participants: 60
Response	Percent Reported	
Similar	36 (60.0%)	
Dissimilar	4 (6.7%)	
Inconclusive	16 (26.7%)	
Unable to Compare	2 (3.3%)	
Not Applicable	2 (3.3%)	

Image Set Q16: Table 4.16(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	[Not Reported]	The knowns face is rounded; unknowns face is also rounded but narrower.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The outline of the face shape is dissimilar.
4EKVRZ	Similar	
4NN6W4	Unable To Compare	
6VNPYY	Similar	Both subjects have oval heads. Known has a weight gain and face is fuller when compared to unknown
8BND4V	[Not Reported]	what is visible of lower face/head outline appears visible; upper face/head outline partially obscured due to hair of Known(1)
8FHAQ2	Unable To Compare	
8T7EYX	Similar	
9NAAFD	Similar	both have similar rounded head shapes though known has a slightly more rounded head
9WM27B	Similar	overall face shape is similar.
A4GTRA	[Not Reported]	Dissimilarities include: Overall shape of the face Not comparable: (due to obstructions in one or both images) Shape of the cranial vault
A8F4MA	Similar	overall shape of face
A9BMPB	Inconclusive	Known seems wider/rounder, but might be due to ageing/weight diff. Small part of forehead similar. Sides partially covered
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Inconclusive	both are oval
BGVZPT	Similar	Similar in shape. Unknown is turned at an angle
BVKBTR	Similar	ear position mouth and nose similar positions.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Dissimilar	
D3D3DQ	Similar	Face outline is similar.
E2YXFT	Similar	Headshape seems similar
E7JQ38	Similar	Similar lower face shape.

Image Set Q16: Table 4.16(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar oval shape (taking into consideration that Known's face will appear fuller/wider due to weight different)
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Both have an oval shaped face with a similar cranial vault.
HVURP4	Similar	Face/head outline is similar in shape and length but there does appear to be a weight difference in the known image being heavier.
J4778Z	Unable To Compare	
JEFCV2	Similar	can't see ears in known image due to hair
KCVE8G	Similar	KNOWN AND UNKNOWN: Consistent placement of features. consistent, contour and round shape. Known and unknown appear to be close in age.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has a slim oval face, K has a wider oval face, possibly due to weight gain.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Dissimilar	
PT369V	Similar	
QCV8PW	Similar	The face/head outline appears to be similar with a squared cranial vault and relatively similar width until the chin which is thinner and rounded.
QFUJLW	[Not Reported]	Similar in shape
QKRZZB	Similar	The overall face outline of the probe and candidate appear to have consistencies. The candidate does look to have a put on some weight in the face.
QT8L8U	Inconclusive	Head obstructed by hair in both images. Facial outline obstructed by hair and sunglasses in unknown.
QY9X6C	Similar	Width is wider in the known which could be due to weight/expression, height appears to be similar, overall shape/size is similar being oval
RJB49C	Similar	The head and face outline of both are consistent in length and width.
RTFBMC	Inconclusive	weight difference and camera angle
T9A37R	Dissimilar	Known has a full/rounded face.
TLDKJC	Dissimilar	

Image Set Q16: Table 4.16(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TQ9EET	Similar	Known heavier
U67NZD	Similar	
U8BE68	Similar	general outline of the head appears to be consistent between subjects
UGXDTR	Similar	similar facial shape; similar cranial vault shape
VGDWFB	Similar	Overall shape of face
WK96YB	Similar	
X2TF24	Similar	Overall shape of face appears similar, a bit wider on K, may be due to weight change; cannot compare shape of cranial vault
Z9L8L3	Similar	Similar shape, size
ZCKK6L	Similar	oval/egg-like shape, size, and narrowness is similar

Features Observations Response Summary - Q16 Face/Head Outline		Total Participants: 59
Response	Percent Reported	
Similar	40 (67.8%)	
Dissimilar	7 (11.9%)	
Inconclusive	7 (11.9%)	
Unable to Compare	3 (5.1%)	
Not Applicable	2 (3.4%)	

Image Set Q16: Table 4.16(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Nose to mouth distance is similar. Mouth placement in relation to the chin is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The proportions of the eye, ear, and nose is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Known is wearing sunglasses that cover eyes. Mouth and nose appear to be similarly spaced in both subjects
8BND4V	Similar	approx. distance from nasal tip to upper lip similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	features are in similar positions relative to the other features in known and unknown
9WM27B	Similar	face composition appears similar as well as placement of features and distance between features.
A4GTRA	[Not Reported]	Similarities include: Approximate width of nose relative to mouth Not comparable: (due to obstructions and facial hair in one or both images) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth; Eye position relative to face length
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Similar	Brows are close to the eyes on both. Chin/jaw seems slimmer on unknown. See above. Similarities in nose cheek ratio. But cheeks have different width due to differences in weight.
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	eyes, nose and mouth are similar in distance
BGZVPT	Similar	Similar in size and shape.
BVKBTR	Similar	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Dissimilar	

Image Set Q16: Table 4.16(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D3D3DQ	Similar	Composition, from what is visible, is similar.
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Unable To Compare	Known insufficiently resolved for assessment due to occlusions.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	features are similarly placed near the center of the face with similar spacing between features
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hard to compare due to known wearing sunglasses. Nose and mouth and ear lobes appear in the same relative position on the face.
HVURP4	Similar	Face/head composition appears to have the eyebrows, nose and mouth in the same location.
J4778Z	Similar	facial composition is consistent
JEFCV2	Similar	
KCVE8G	Similar	KNOWN AND UNKNOWN: Features are similar in placement, weight and symmetry. The contour of the head is consistent.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	feature spacing and location appears similar. both have a slightly larger forehead.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The nose and mouth appears to have a similar placement on the face. The eyes are not visible on the known due to glasses but the general placement appears to be consistent as well.
QFUJLW	[Not Reported]	Features on the face are placed in a similar location relative to each other. The nose is placed in a similar location relative to the eyes and mouth. Mouth is placed in a similar location between the chin and nose.
QKRZZB	Similar	Distance from the nasal base to the upper lip appears to be similar between the probe and candidate.
QT8L8U	Inconclusive	Head obstructed by hair. Full facial composition not visible in unknown due to sunglasses. The mouth and nose are similar in placement on the face.
QY9X6C	Similar	Distance from nose to mouth appears to be smaller in the known due to expression, distance from mouth to chin appears to be longer in the unknown due to expression

Image Set Q16: Table 4.16(c) - Face/Head Composition

WebCode	Observation	Feature Notes
RJB49C	[No observations reported for this feature.]	
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	Known heavier
U67Nzd	Similar	
U8BE68	Similar	relative shape and size of facial features appear consistent between subjects
UGXDTR	Inconclusive	with the features that are visible for comparison, the nose is similar in relative size and proportion to the mouth
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Similar	Facial features appear similar in relationship to one another and length of face; unable to compare eyes/ears
Z9L8L3	Inconclusive	Difference in weight is attributed to different composition.
ZCKK6L	Similar	the width of the nose aligns with the mouth in similar locations on either side

Features Observations Response Summary - Q16 Face/Head Composition		Total Participants: 58
Response	Percent Reported	
Similar	47 (81.0%)	
Dissimilar	3 (5.2%)	
Inconclusive	5 (8.6%)	
Unable to Compare	1 (1.7%)	
Not Applicable	2 (3.4%)	

Image Set Q16: Table 4.16(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Unable To Compare	
2XLVQ2	Similar	Knowns hair is longer and lighter than the unknowns. Curvature of the hairline is similar, slant to the left in the middle on both subjects. Knowns hair is more curled, possibly due to the difference in lengths.
3UFTE6	Inconclusive	
44J8XH	Not Applicable	
474EX6	Dissimilar	The hair color and style are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Known has brown hair, shoulder length, and wavy/ frizzy. Unknown has dark brown/ black hair (image is dark around hairline), short in length
8BND4V	[Not Reported]	hair is loose for Known(1), appears shorter/pulled back for Unknown(2); hair appears darker for Unknown(2) than Known(1) which could be from difference in lighting/sun exposure; difficult to compare hairline due to loose hair of Known(1); what is visible of forehead hairline appears to have similar peak shape toward center of forehead
8FHAQ2	Dissimilar	
8T7EYX	Unable To Compare	
9NAAFD	Similar	color and texture appear different, but age difference and hair length has something to do with that, similar frontal and side hairlines despite hair length and style difference
9WM27B	Similar	frontal hairline appears similar. hair color appears similar.
A4GTRA	[Not Reported]	Similarities include: Forehead hairline: shape Dissimilarities include: (may be due to differences in styling and lighting in Q & R) Hair: shape/spatial distribution, tonality Not comparable: (due to obstructions and lighting, image quality in one or both images) Hair: shape/spatial distribution, texture, symmetry, density; Hairline right side: shape; Hairline left side: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Similar	Forehead hairline,
A9BMPB	Inconclusive	Similar widow's peak. Dissimilar colour, possibly due to lighting and age diff. Unable to compare length/texture
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar widow's peak
BGZVPT	Dissimilar	Known has longer hair.
BVKBTR	Similar	hair similar color, similar hairline, can't really see it on unknown though.
BYKLNK	Similar	

Image Set Q16: Table 4.16(d) - Hair

WebCode	Observation	Feature Notes
CBAKDA	Dissimilar	Hairline similar
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Unable to compare hair. Unknown's hair and image is dark. Can't really see hairline due to image quality and hairstyle of the unknown.
E2YXFT	Dissimilar	Different hairdo
E7JQ38	Similar	Similar upper hairline growth pattern.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	dissimilar hair length and color (color difference could be due to lighting). unable to see Unknown hair to determine texture and density of growth. Hairline at the center forehead is similar
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hard to compare due to quality of the unknown picture. Both have similar colored hair
HVURP4	Similar	Similar in color and texture. Thick hair on both images and appears wavy on both images.
J4778Z	Dissimilar	
JEFCV2	Dissimilar	much longer in known image, appears darker in unknown image
KCVE8G	Similar	KNOWN AND UNKNOWN: unknown's hair is short and darker than the known image. Known image has long, shoulder length hair that is wavy.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Unk has short, very dark hair (possibly due to lighting at capture). K has chin length, brown, lightly wavy hair.
MMPAFW	Dissimilar	
MX9NJY	Unable To Compare	
NPD6JF	Dissimilar	
PT369V	Dissimilar	length
QCV8PW	Similar	The hairline appears to have a similarly placed/shaped widows peak. The color of the hair appears to be different however this could be due to aging, alteration, etc. The lateral portions of the hairline are not able to be compared due to hairstyle change of the known.
QFUJLW	Dissimilar	Not similar in color. Unknown color is dark. Known is much lighter.
QKRZZB	Similar	Hair color appears to be different. The probe looks to have a brown maybe black hair, while the candidate has brown hair.
QT8L8U	Inconclusive	Hair color appears dissimilar. The widow's peak appears similar. Hair texture is not fully visible in known due to image quality.

Image Set Q16: Table 4.16(d) - Hair

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Known appears to be longer, color is darker in the unknown, texture appears to be dissimilar, hairline can't be determined due to hair length of known
RJB49C	Dissimilar	Known candidate's hair is long and wavy, whereas unknown candidate's is short and appears straight. Both appear to have a similar widow's peak at the hairline. There does appear to be some time lapse between photos and candidates' ages.
RTFBMC	Inconclusive	similar widows peak/center hairline, not completely visible due to hairstyle and/or lighting
T9A37R	Dissimilar	Known has wavy hair long hair.
TLDKJC	Dissimilar	
TQ9EET	Similar	Low-res, Pixelated Unknown & Known
U67Nzd	Inconclusive	
U8BE68	Dissimilar	hair differs in length - unknown hair appears to be slightly darker in color - hairline around the forehead region appears to be similar
UGXDTR	Similar	different hair length; different color with the known appearing to have slightly lighter hair color; similar forehead hairline growth pattern shape
VGDWFB	Similar	Widow's peak
WK96YB	Inconclusive	
X2TF24	Dissimilar	Hair appears dissimilar in length/texture/color; widow's peak appears similar in shape/location
Z9L8L3	Inconclusive	Due to the lighting in the unknown, it is difficult to compare. Known has lighter brown with some gray. Widow's peak is similar in both.
ZCKK6L	Similar	hairline on the sides can't be compared due to the length of the known's hair, but the hairline along the forehead is similar in "m" shape with a small widow's peak in the center; color and length are dissimilar, as the known's is brown and long, whereas the unknown's appears to be dark brown or black and is short, however this can be attributed grooming and lighting differences

Features Observations Response Summary - Q16 Hair		Total Participants: 61
Response	Percent Reported	
Similar	21 (34.4%)	
Dissimilar	19 (31.1%)	
Inconclusive	12 (19.7%)	
Unable to Compare	7 (11.5%)	
Not Applicable	2 (3.3%)	

Image Set Q16: Table 4.16(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Shape of the forehead is similar. Forehead has a similar level of protrusion.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The length and shape of the forehead is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Forehead size and shape are similar in both subjects.
8BND4V	Similar	approx. relative height of forehead from visible upper left part of eyebrow of Known(1) appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size and shape, contouring around brow ridges and in middle is similar
9WM27B	Similar	forehead shape, slope, width and height appears similar.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: relative height, slope/contour Dissimilarities include: (may be due to differences in pose and lighting in Q & R) Brow ridges: prominence, continuity Not comparable: (due to obstructions in one or both images) Forehead shape: relative width
A8F4MA	Similar	Forehead shape
A9BMPB	Unable To Compare	Some similarities, but edges behind hair
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar distance in both from eyebrow to hairline
BGZVPT	Similar	Foreheads are similar in shape and the hairlines are similar.
BVKBTR	Similar	similar shape.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVV	Similar	
D3D3DQ	Dissimilar	There's a mark on the unknown's forehead that doesn't appear to be on the known's.
E2YXFT	Inconclusive	Hairline seems similar, but because of the hair partly covering the forehead on known image, details are missing

Image Set Q16: Table 4.16(e) - Forehead

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar brow prominence.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar height, unable to see the Left and Right sides of Known's forehead due to hair covering
FG99H7	Inconclusive	
GM7H34	Similar	
H7ZBPM	Similar	Similar forehead height. Both have a small widows peak. Similar hairlines
HVURP4	Similar	Similar rectangular shape as well as the distance from brow to hairline is similar. There is a similar widows peak or growth pattern in the center of the hairline is consistent.
J4778Z	Similar	size, shape, hairline, all appear consistent
JEFCV2	Similar	similar length and hairline curvature/peak
KCVE8G	Similar	KNOWN AND UNKNOWN: the frontal bone is consistent in shape, size and contour. The height and width of the forehead is consistent between known and unknown images. the contour of the hairline is consistent and both images have a widow's peak that is consistent in contour.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have larger foreheads with a slight widows peak. No frontal lines or facial marks visible.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The forehead appears to have a similar size and shape without any remarkable features on either subject.
QFUJLW	Similar	Similar in width/height/shape. No frontal lines visible in either. Frontal bone is similar in shape/location/prominence
QKRZZB	Similar	The shape of the forehead appears to be similar between the probe and candidate. The width and length of the forehead appears to be similar.
QT8L8U	Similar	Height of the forehead and protrusion of the protrusion of the brow ridge appears similar. Width is not visible in unknown due to hair.
QY9X6C	Dissimilar	Some of forehead in the known is covered due to hair, height appears to be larger in the unknown which could be due to angle and camera distance, width is hard to say due to hair in known, marks on the left side is visible in the unknown but not the known but could be age, brow ridge is hard to say due to sunglasses
RJB49C	Similar	The forehead of known shows not specific features, possibly due to sunlight. Both have similar distance between the hairline and eyebrows.

Image Set Q16: Table 4.16(e) - Forehead

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Dissimilar	Known's forehead has more projection.
TLDKJC	Similar	
TQ9EET	Similar	Low-res, Pixelated Unknown & Known
U67Nzd	Similar	
U8BE68	Similar	forehead appears to be similar in shape and size - known hair is longer and covers the temple regions of the forehead on both sides of the face
UGXDTR	Similar	similar forehead height; similar brow ridge prominence; unknown has multiple facial marks present above the left eyebrow that are not visible in the known, but this difference could be due to image quality or stability of the features
VGDWFB	Similar	Relative height
WK96YB	Similar	
X2TF24	Similar	Forehead appears similar in relative height; appears wider in U, may be due to obstruction of hair on sides of forehead in K; similar prominence in center of forehead; cannot determine brow ridge prominence due to sunglasses on K
Z9L8L3	Similar	Forehead appears similar in size and shape
ZCKK6L	Similar	relatively flat contour with minor depressions above the brow ridges and the smooth musculature is similar; unknown appears to have two facial marks above the right brow and four above the left in a square-like formation that aren't visible on the known, but this could be due to time of year/ sun exposure or lighting differences

Features Observations Response Summary - Q16 Forehead		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	54 (87.1%)	
Dissimilar	4 (6.5%)	
Inconclusive	3 (4.8%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q16: Table 4.16(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Similar	Eyebrows are mostly covered on the known. Upper part of the left eyebrow is similar, separate growth at the start.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The eyebrows cannot be compared due to the sunglass covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Known is wearing sunglasses that covers eyebrows.
8BND4V	Unable To Compare	unable to compare details of eyebrows due to being covered by sunglasses on Known(1)
8FHAQ2	Unable To Compare	sunglass edges restricts
8T7EYX	Unable To Compare	
9NAAFD	Similar	unable to see much of known's brows due to sunglasses, but the top of left brow is similar to that of unknown in growth pattern at medial end and angle
9WM27B	Unable To Compare	unable to compare.
A4GTRA	[Not Reported]	Similarities include: Position (L upper border - limited) Not comparable: (due to obstructions in one or both images) Shape; Size; Position; Conjoined, Density of hair, Hair details; Asymmetry
A8F4MA	Not Applicable	
A9BMPB	Similar	Occluded. But left brow possibly higher on both
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	glasses hiding them in known subject
BGZVPT	Unable To Compare	Knowns are obstructed by sunglasses.
BVKBTR	Similar	similar break on left eyebrow, hidden on known by sunglasses.
BYKLNK	Inconclusive	
CBAKDA	Unable To Compare	Sunglasses in the known image
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Unable to compare eyebrows, known's eyebrows are covered by sunglasses.
E2YXFT	Unable To Compare	

Image Set Q16: Table 4.16(f) - Eyebrows

WebCode	Observation	Feature Notes
E7JQ38	Unable To Compare	Known insufficiently resolved for assessment due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Inconclusive	Known's eyebrows are mostly obscured by sunglasses, but the small portal of the left top brow is similar to the Unknown. Both have flatter top of brow that angles downward near the lateral canthus.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	Cannot see known's eye brow due to sunglasses.
HVURP4	Similar	Not much to compare, but the left brow has a break in the hair growth on the outer edge closest to the bridge of the nose.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	majority of eyebrows in known image obscured by glasses
KCVE8G	Unable To Compare	KNOWN AND UNKNOWN: The brow ridge of both known and unknown images appears consistent in shape and contour
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	K has sunglasses covering eyebrows and eyes.
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Similar	The left brow (where visible) appears to have a similar medial coloration however the rest of the brow is not able to be compared due to sunglasses on the known.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Not displayed in the known due to sunglasses therefore cannot be compared
RJB49C	Unable To Compare	Eyebrows of known candidate are obstructed by sunglasses.
RTFBMC	Inconclusive	known obstructed by sunglasses
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	

Image Set Q16: Table 4.16(f) - Eyebrows

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67NZZ	Unable To Compare	
U8BE68	Unable To Compare	eyebrows of the known are covered by sunglasses
UGXDTR	Unable To Compare	unable to compare due to known wearing sunglasses
VGDWFB	Not Applicable	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	Top of left eyebrow that is visible is similar in shape
Z9L8L3	Unable To Compare	Eyebrows obscured by sunglasses in known
ZCKK6L	Unable To Compare	due to the coverage of the known's sunglasses

Features Observations Response Summary - Q16 Eyebrows		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	7 (11.3%)	
Dissimilar	0 (0.0%)	
Inconclusive	5 (8.1%)	
Unable to Compare	46 (74.2%)	
Not Applicable	4 (6.5%)	

Image Set Q16: Table 4.16(g) - Eyes

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the known.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The eyes cannot be compared due to the sunglass covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Known is wearing sunglasses that covers eyes
8BND4V	Unable To Compare	unable to compare details of eyes due to being covered by sunglasses on Known(1)
8FHAQ2	Unable To Compare	sunglass restricts
8T7EYX	Unable To Compare	
9NAAFD	Not Applicable	unable to see any of eyes of known due to sunglasses
9WM27B	Unable To Compare	unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to complete obstruction of the eyes in R1) Inter-canthal distance; Inter-pupillary distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease, position in relation to iris/pupil, lash characteristics; Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease, visibility of the infraorbital furrow, position in relation to iris/pupil, lash characteristics; Eyeball prominence; Sclera: visibility; Iris: visibility, diameter relative to eye opening, position relative to eye opening, irregularity of iris; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	glasses hiding eyes in known
BGVPT	Unable To Compare	Knowns are obstructed by sunglasses.
BVKBTR	Unable To Compare	covered on known.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	Sunglasses in the known image
D2JEVW	Unable To Compare	

Image Set Q16: Table 4.16(g) - Eyes

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Known is wearing sunglasses. Unable to compare.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Eyes not visible in the known due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	eye area is not visible in Unknown
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	Cannot see known's eyes due to sunglasses.
HVURP4	Not Applicable	Known is not visible due to glasses.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	known covered by glasses
KCVE8G	Unable To Compare	Known eyes are covered by dark glasses and therefore not comparable
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	K has sunglasses covering eyebrows and eyes.
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	Not able to be compared due to sunglasses on the known.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Not displayed in the known due to sunglasses therefore cannot be compared
RJB49C	Unable To Compare	Eyes of known candidate are obstructed by sunglasses.
RTFBMC	Unable To Compare	known partially obstructed by sunglasses
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	

Image Set Q16: Table 4.16(g) - Eyes

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67Nzd	Unable To Compare	
U8BE68	Unable To Compare	eyes of the known are covered by sunglasses
UGXDTR	Unable To Compare	unable to compare due to known wearing sunglasses
VGDWFB	Not Applicable	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Eyes obscured by sunglasses in known
ZCKK6L	Unable To Compare	due to the coverage of the known's sunglasses

Features Observations Response Summary - Q16 Eyes		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	0 (0.0%)
	Dissimilar	0 (0.0%)
	Inconclusive	2 (3.2%)
	Unable to Compare	54 (87.1%)
	Not Applicable	6 (9.7%)

Image Set Q16: Table 4.16(h) - Cheeks

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Knowns cheeks appear to be fuller and more rounded.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Similar	The nasolabial fold and cheek shape are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have pronounced cheeks
8BND4V	Similar	visible shape/fullness of cheeks appears similar
8FHQAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	similar size and shapes, contouring is also similar in both cheeks
9WM27B	Unable To Compare	unable to compare.
A4GTRA	[Not Reported]	Similarities include: Cheek shape (visible portions) Not comparable: (due to obstructions in one or both images) Cheekbone prominence; Dimples - not observed
A8F4MA	Similar	Right and left cheekbone
A9BMPB	Inconclusive	"Fuller" on known, possibly weight/age diff. Quite similar otherwise
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	round, marionette lines similar
BGVPT	Similar	Similar in size and shape.
BVKBTR	Similar	similar shape.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEV	Similar	
D3D3DQ	Dissimilar	There's a mark on the unknown's left cheek that doesn't appear to be in the same position on the known.
E2YXFT	Similar	Soft tissue seems similar
E7JQ38	Similar	Similar cheek prominence and fullness.

Image Set Q16: Table 4.16(h) - Cheeks

WebCode	Observation	Feature Notes
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar cheek shape, dissimilar fullness. Similar contours
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar cheek bone prominence. Both have smooth cheeks without any creases or facial marks.
HVURP4	Similar	Similar, but the known image appears to have more weight/fuller in the face. The upper Apple cheek area is similar in shape with the nasal crease in similar location.
J4778Z	Similar	nasolabial folds and cheek fullness appear consistent
JEFCV2	Similar	cheek shape and nasolabial crease similar in curvature and shape
KCVE8G	Similar	KNOWN AND UNKNOWN: The cheeks of both known and unknown have an upward curve similar to the shape of a smile. The cheeks are consistent in size, fullness and placement.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have similar cheek fullness near front of face and nose, K has fuller cheeks possibly due to weight gain.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Inconclusive	The cheeks appear to have a similar shaping. The known appears to have fuller cheeks however this could be due to weight change.
QFUJLW	Similar	Similar in shape/size/location.
QKRZZB	Similar	The shape of the cheeks appears to be similar. The fullness of the cheeks does look to be consistent between the two images.
QT8L8U	Similar	Soft tissue placement and placement and line of the nasal labial folds appear similar. Nose: Nasal base width, nasal tip, and thickness of the alae appear similar.
QY9X6C	Inconclusive	Some of cheeks are covered due to sunglasses in the known, cheeks are redder in the unknown but could be due to lighting, known appears to be fuller but could be due to expression, buccal creases are visible in the unknown but not the known
RJB49C	Similar	The cheeks of each appear to be similar in shape and fullness, with consistent nasal folds.
RTFBMC	Inconclusive	known partially obstructed by sunglasses
T9A37R	Dissimilar	Unknown cheeks have more definition.

Image Set Q16: Table 4.16(h) - Cheeks

WebCode	Observation	Feature Notes
TLDKJC	Similar	
TQ9EET	Similar	Low-res, Pixelated Unknown & Known
U67NZD	Similar	
U8BE68	Similar	general shape of the cheeks appear to be similar in fullness
UGXDTR	Similar	similar fullness to the cheeks
VGDWFB	Similar	Cheekbone
WK96YB	Similar	
X2TF24	Similar	Cheekbones appear similar in prominence; soft tissue appears similar in shape, may be somewhat fuller in K, may be due to weight change
Z9L8L3	Similar	Despite weight difference, the cheeks are similar in shape. The nasolabial folds are similar.
ZCKK6L	Similar	shape and size is similar, however the known's are slightly fuller, but this could be due to a weight difference; unknown's cheekbones are more prominent but the lack of prominence for the known could be attributed to the sunglasses resting there

Features Observations Response Summary - Q16 Cheeks		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	48 (77.4%)	
Dissimilar	3 (4.8%)	
Inconclusive	8 (12.9%)	
Unable to Compare	2 (3.2%)	
Not Applicable	1 (1.6%)	

Image Set Q16: Table 4.16(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tip of the nose is bulbous on both subjects. Curvature of the nostrils is similar. Left and right ala are found in similar locations.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The nose shape is similar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Overall size and shape of nose appears similar. The tip of the nose curves down between the nostrils on both subjects.
8BND4V	Similar	nasal tip appears to have similar shape, slightly rounded; relative width of nasal base to mouth similar; curve of left/right nostrils appears similar; left ala appears to have similar thickness/shape
8FHQAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size and length, similar width down through body and at base, similar ala shapes, nostrils shapes, and tip shapes and sizes
9WM27B	Similar	Overall nose shape appears similar. thickness of columella appears similar. width of nasal base appears similar. thickness and shape of alae appears similar. length and width of nasal body appears similar.
A4GTRA	[Not Reported]	Similarities include: Nasal outline: length (limited), width; Nasal body: length (limited); Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape (R); Columella: width, length, relative position Dissimilarities include: (may be due to differences in pose, expression, lighting and image quality in Q & R) Nasal outline: shape, prominence; Nasal body: width, shape; Nasal alae: thickness, shape (L); Nostrils: shape, size; Asymmetry Not comparable: (due to obstructions, pose and image quality in one or both images) Nasal root: width, shape, depth, angle; Nasal body: angle, contour; Nostrils: hair
A8F4MA	Similar	Nasal outline, Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose)
A9BMPB	Dissimilar	Similar width. Partly occluded. Columella more "sharp"/pointed on unknown. More bulbous point. Different nostrils and columella.
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	similar shape of end of nose and nostrils
BGVPT	Similar	Similar in length and width.
BVKBTR	Similar	similar shape
BYKLNLR	Similar	

Image Set Q16: Table 4.16(i) - Nose

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Inconclusive	
D3D3DQ	Dissimilar	Unknown's nose appears a little thinner and comes down a little further at the tip.
E2YXFT	Similar	Overall size and shape seem similar
E7JQ38	Similar	Similar nose length, shape of nose bottom and nasal base.
E9D7GU	Similar	
E9YHHN	Inconclusive	
EYNFWN	Inconclusive	the nose does not appear overly similar holistically based on the images, but I think these are explainable differences. The sunglasses and highlighting in the Known make the nasal root and body appear narrow and tall, which makes the nasal base appear more broad in comparison; however the width of the nasal base is similarly proportional to the mouth in both. Alae shape is similar. Length of nose is similar. Distance between nose and mouth is similar. Shape of columella appears dissimilar. Nasal tips appear more bulbous in Known, but could be explainable due to the differences in lighting.
FG99H7	Inconclusive	
GM7H34	Similar	
H7ZBPM	Similar	Both have alae with similar thickness. Both have similar width nasal bases and similar length nasal bodies
HVURP4	Similar	Bridge of the nose length and width is similar. The tip of the nose width is similar, and the shape of the left nostril is similar. The tip and nasal base appear to be similar in width. Distance from nose tip to upper lip appears similar.
J4778Z	Similar	appears consistent, the nostrils, tips, and width appear consistent.
JEFCV2	Similar	viewing from different angles, but nostril shape appears similar
KCVE8G	Similar	KNOWN AND UNKNOWN: The nasal body is consistent in length, width and protrusion. The base of the nose is consistent in shape, size and thickness. consistent nasolabial folds.
KRVGN	Similar	
KZ6KVM	Inconclusive	
LYMV82	Inconclusive	K appears to have a wider nasal tip but both appear to have a short nose.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	

Image Set Q16: Table 4.16(i) - Nose

WebCode	Observation	Feature Notes
QCV8PW	Inconclusive	The nasal root is likely thin on both subjects however due to the glasses on the known it is not clear. The nasal body appears to be short and wide on both subjects however it appears to be wider on the known however this could be due to weight and aging differences.
QFUJLW	Similar	Nasal tip is similar in shape. Nostrils are similar in size/shape. Ala are similar in size/shape. Columella is similar in size/shape. Nasal body is similar in width/length
QKRZZB	[Not Reported]	The shape of the nasal tip appears to be similar between the probe and candidate. The width of the columella could be similar. The shape of the nostrils could be similar.
QT8L8U	Similar	Nasal base width, nasal tip, and thickness of the alae appear similar.
QY9X6C	Dissimilar	Some of the nose is covered by sunglasses in the known, nasal base appears to be similar, nostril shape appears to be dissimilar but that could be due to expression, tip of nose appears to be similar in shape, more of the columella is shown in the known and appears to be similar to the unknown, nasolabial fold is similar, bridge appears to be wider in the known but could be due to angle/lighting, nasal root is hard to say due to sunglasses
RJB49C	Inconclusive	Both have similar nose length and width, with nose becoming wider from the bridge to the tip. The columella of unknown candidate appears to extend lower below the nostrils than that of known candidate.
RTFBMC	Similar	
T9A37R	Dissimilar	Known nasal root is wider with a very uniform columella.
TLDKJC	Dissimilar	
TQ9EET	Inconclusive	
U67Nzd	Similar	
U8BE68	Inconclusive	nose appears to differ in thickness in the nasal tip - details of the images are lost in this region, pixilation is occurring - the sunglasses on the known may be causing distortion around the nose region - nasolabial folds appear to be similar in shape, depth and angle along the face
UGXDTR	Similar	nasal bridge and tip are similar in width and size; similarly shaped and attached nasal alae; similar nostril size and shape
VGDWFB	Similar	Nasal body, nasal tip, columella
WK96YB	Similar	
X2TF24	Inconclusive	Nasal tip appears larger and more bulbous in K; columella appears to be similar in how far it extends; nostrils appear larger in K, may be due to pose; alae appear similar in shape
Z9L8L3	Dissimilar	The nose in the known appears wider at the base than the unknown. The tip of the unknown's nose appears smaller and more defined than the known.

Image Set Q16: Table 4.16(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Similar	overall triangular shape is similar, however the known's appears to be thicker/fuller but this could be attributed to the angle difference, weight difference, lighting, or the sunglasses framing the nose differently; "v" shape of the nasal tip is similar, however the unknown's comes to more of a point, whereas the known's is slightly rounded, but this could be attributed to quality or angle differences; nostril shape, size, and alignment is consistent; nasolabial folds are similar in shape, short length, prominence, and close proximity to the mouth are similar

Features Observations Response Summary - Q16 Nose		Total Participants: 61
Response	Percent Reported	
Similar	41 (67.2%)	
Dissimilar	7 (11.5%)	
Inconclusive	12 (19.7%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q16: Table 4.16(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the known.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The ears cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Known ears are not visible due to hair.
8BND4V	Unable To Compare	unable to compare details of ears due to being covered/obscured by hair of Known(1)
8FHAQ2	Unable To Compare	restrictive factor : long hair
8T7EYX	Unable To Compare	
9NAAFD	Inconclusive	not able to see much of known's ears due to hair, right ear appears to have similar protrusion from head in know and unknown
9WM27B	Unable To Compare	unable to compare.
A4GTRA	[Not Reported]	Similarities include: Overall ear: size, shape, angle (visible portions of R ear - limited) Not comparable: (due to obstructions in one or both images) Asymmetry; Ear protrusion; Overall ear: size, shape, angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	Largely occluded. But right ear seems to correspond
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	hair hiding known
BGZVPT	Unable To Compare	Knowns hair is blocking hair.
BVKBTR	Unable To Compare	not really visible on known.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	Bottom part seems similar

Image Set Q16: Table 4.16(j) - Ears

WebCode	Observation	Feature Notes
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Known's hair is covering ears. Unable to compare.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears not visible in the known due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Inconclusive	right lobe and outer helix shape visible for comparison. left lobe visible for comparison.
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Hard to compare due to known having long hair. Lobes in both appear to be in line with the mouth
HVURP4	Not Applicable	known images ears are not viewable.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	not visible in known due to hair
KCVE8G	Unable To Compare	Not visible in known image therefore not comparable
KRWGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	K's hair obscures view of ears.
MMPAFW	Unable To Compare	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Similar	The general location of the ear lobes appear to be similar. The right antihelix appears to have a similar pronounced shaping however the rest of the subfeatures of both ears are not able to be compared due to hairstyle change of the known.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Not visible in the known due to hair therefore cannot be compared
RJB49C	Unable To Compare	Ears of known candidate are not visible because of hair.

Image Set Q16: Table 4.16(j) - Ears

WebCode	Observation	Feature Notes
RTFBMC	Unable To Compare	known obstructed by hair
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67NZZ	Unable To Compare	
U8BE68	Similar	ears of the known are covered by hair
UGXDTR	Unable To Compare	unable to compare due to known hair covering
VGDWFB	Not Applicable	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Ear covered by hair in known
ZCKK6L	Unable To Compare	due to the coverage of the known's hair

Features Observations Response Summary - Q16 Ears		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	4 (6.5%)
	Dissimilar	0 (0.0%)
	Inconclusive	4 (6.5%)
	Unable to Compare	49 (79.0%)
	Not Applicable	5 (8.1%)

Image Set Q16: Table 4.16(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Fullness of the lips are similar. Shape and size of the mouth is similar. Tone of the lips are similar. Similar bite of the teeth, unknown has black speck on lower right tooth not found on known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The lip shape and fullness are similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have an open mouth smile exposing the teeth. Unknown smile is slightly larger also exposing the upper gums. Overall shape of mouth appears similar, teeth, fullness of lips, corners of mouth, cupid's bow all appear similar
8BND4V	Similar	visible shape/size of upper lip appears similar; shape/thickness of lower lip similar; both appear to have similar shape to opening of mouth; what is visible of upper teeth appear to have similar shape/alignment
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	lip sizes are similar, fissure is similar, both have mouths open with similar mouth ends, bottom lip shape is similar, teeth shapes and overbite is also similar
9WM27B	Similar	mouth fissure, shape, size appears similar. upper vermilion and lower vermilion border appears similar. thickness of upper and lower lip appears similar.
A4GTRA	[Not Reported]	Similarities include: Overall mouth: shape; Upper lip: shape, fullness, protrusion; Lower lip: shape, fullness, protrusion, lower vermilion border shape; Lip fissure: shape, angle; Asymmetry - lip fissure angled downwards from subject's R to L, center of mouth (based on teeth position) sits slightly to R of subject's midline - observed in Q & R; Characteristic detail of teeth: shape, size (limited) Not comparable: (due to obstructions, facial hair, pose and expression in one or both images) Philtrum: prominence, width of ridges, width of furrow; Upper/lower lip: detail; Upper lip: upper vermilion border shape; Lip fissure: degree of contact; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: alignment/position, condition; Mouth abnormalities - not observed
A8F4MA	Similar	Overall mouth, Upper lip, Lower lip, Lip fissure
A9BMPB	Inconclusive	Somewhat similar fissure, although known more closed. Unsure about teeth, very poor quality on unknown. Similar lower lip. Differences in upper lip and amount. How high on the teeth the upper lip is, even as it seems like the smile is the same width.
AE2ZQY	Inconclusive	
AQVDNB	Similar	

Image Set Q16: Table 4.16(k) - Mouth

WebCode	Observation	Feature Notes
BF6CMR	Similar	similar lips in thinness, small teeth
BGZVPT	Similar	Similar in size and shape (Both are smiling); Expressions are the same
BVKBTR	Similar	similar shape of lips and left and right sides.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Smile is a little more open on the unknown than the known.
E2YXFT	Similar	Lips seem similar
E7JQ38	Similar	Similar lower lip fullness, mouth corners, fissure shape, upper lip prominence and teeth shape, alignment.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	both images smiling, but the Unknown smile is broader than the Known. Similar mouth shape and lip fullness. Similar distance from nose
FG99H7	Inconclusive	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar lip thickness. Both have rounded corners of the mouth. Unknown has a larger mouth fissure possibly due to different smile. both have similar width teeth
HVURP4	Similar	Shape of the mouth and mouth fissure is consistent. The upper and lower lips appear similar in width. The spacing of the teeth is also consistent. The center of the bottom lip is rounded and consistent between the images.
J4778Z	Similar	smile, teeth, lips all appear consistent
JEFCV2	Similar	thickness and curvature of lower lip is similar, mouth opening shape similar
KCVE8G	Similar	KNOWN AND UNKNOWN: have an open mouthed smile exposing the upper and lower teeth. The teeth appear consistent in size and placement. The oral fissure is consistent in contour and size
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	Both have a similar expression and mouth fissure but K isn't showing any gums in the smile and shows dark corners whereas Unk has teeth visible throughout. Could be due to lighting difference. Both have similar nasolabial creases and have mustache above upper lip, K's mustache is fuller.
MMPAFW	[No observations reported for this feature.]	
MX9NJY	Similar	

Image Set Q16: Table 4.16(k) - Mouth

WebCode	Observation	Feature Notes
NPD6JF	Similar	
PT369V	Similar	and teeth
QCV8PW	Similar	The lips appear to have a similar coloration on both subjects. The fissure of the mouth appears to be similar with a point on the lower medial portion and an asymmetric upper portion. The teeth appear to have a similar amount of gums showing. There is likely a similar gap on the right bottom row of teeth.
QFUJLW	Similar	Vermillion border is similar in shape/ Lips are similar in color/thickness/shape. Nasolabial folds are similar in shape/length/location.
QKRZZB	Similar	Both probe and candidate are smiling. The overall shape of the mouth fissure appears to show some consistency. The shape and fullness of the upper and lower lips appears to be similar.
QT8L8U	Similar	Fissure, thickness of the upper and lower lips, lower vermilion boarder, shape of the teeth in the smile, and the shape of the smile appear similar.
QY9X6C	Inconclusive	Known mouth is not as open as the unknown, both are smiling with teeth showing, more of the teeth are showing in the unknown, hard to say if the teeth size/shape are similar due to pixilation of unknown, fissure of the mouth appears to be similar, upper lip fullness is hard to say due to mustache covering some in the known and expression of both, bottom lip median sulcus appears to be similar
RJB49C	Similar	The mouth of both candidates is quite similar in lip shape, fullness and roundness at the corners.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	Low-res, Pixelated Unknown & Known
U67NZD	Similar	
U8BE68	Similar	general shape of the mouth appears to be similar - beard pattern around the mouth appears to be consistent on both subjects - relative thickness of the lips appear to be similar
UGXDTR	Similar	similar overall size; similar fullness and shape of lips; similar shaped and prominent teeth with what is visible; similar facial mark present below right the lower lip in the same relative location
VGDWFB	Similar	Overall (shape, symmetry) lip fissure, characteristic detail of teeth (alignment/position)
WK96YB	Similar	
X2TF24	Similar	Distance from nasal base to upper lip appears similar; upper vermilion border appears more defined in U, more rounded in K; upper lip appears similar in fullness; lower vermilion border appears similar in shape; lower lip appears similar in fullness; similar shape of upper and lower teeth, two front teeth and two bottom teeth appear more protruded than others; size of teeth appear larger in U and gums visible, may be due to change in expression; teeth appear whiter in U, may be due to lighting
Z9L8L3	Similar	Mouth shape is very similar. The bottom lip on the left side curves inward slightly in both the known and unknown.

Image Set Q16: Table 4.16(k) - Mouth

WebCode	Observation	Feature Notes
ZCKK6L	Similar	overall shape and size is similar; lip fullness and pink color is consistent; the visible teeth appear to be similar in color, small size, prominence, and straight alignment; curvature of the lower lip is similar

Features Observations Response Summary - Q16 Mouth		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	54 (88.5%)
	Dissimilar	1 (1.6%)
	Inconclusive	5 (8.2%)
	Unable to Compare	1 (1.6%)
	Not Applicable	0 (0.0%)

Image Set Q16: Table 4.16(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Length of the chin is similar. Chin is rounded on both subjects.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The jawline is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a similarly shaped chin that protrudes just slightly from the jawline
8BND4V	Similar	visible shape of chin appears similar; appears to have similar visible curve of jawline
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	gonial angles and curvature of chin similar, chin shapes, sizes, and protrusions are similar
9WM27B	Similar	Shape of chin is similar, jawline and gonial angle are similar - weight gain/aging considered.
A4GTRA	[Not Reported]	Similarities include: Chin: overall shape, prominence; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry - R gonial angle sits higher than L - observed in Q & R) Dissimilarities include: (may be due to age and weight differences in Q & R) Chin: width relative of rest of face) Not comparable: (due to obstructions and image quality in one or both images) Chin: length, details
A8F4MA	Similar	Chin, Jawline
A9BMPB	Dissimilar	Seems longer on unknown. See above comments n weight/age. Facial hair makes it hard to compare directly
AE2ZQY	Dissimilar	The chin appears "longer" in the unknown picture.
AQVDNB	Similar	
BF6CMR	Similar	both subjects have round chins
BGZVPT	Similar	Although the unknown is turned at an angle, the jawline and chin are similarly angled and rounded
BVKBTR	Similar	similar shape
BYKLNK	Similar	
CBAKDA	Similar	
D2JEWV	Dissimilar	
D3D3DQ	Dissimilar	Chin appears longer on the unknown than the known.

Image Set Q16: Table 4.16(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar yawline and chin area
E7JQ38	Similar	Similar chin and jawline general shape.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar rounded chin shape, jawline is similar (taking into account the difference in weight); similar chin cleft
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar rounded chin. Similar distance between bottom lip and bottom of chin. Chin length could be slightly longer in unknown. hard to tell with beard growth
HVURP4	Similar	Similar in shape with the known image appearing slightly wider/fuller due to weight difference. The hair growth of facial hair is similar and there appears to be a break in the hair growth on the left side of the mustache is consistent. The pattern of the hair growth on the goatee is similar.
J4778Z	Similar	chin shape and jaw, even with some weight change appears consistent.
JEFCV2	Dissimilar	appears more curvy in known image, but may be due to image quality, crease from mouth area similar, facial hair growth pattern similar
KCVE8G	Similar	KNOWN AND UNKNOWN: Both have a consistent in growth and grooming, short, dark goatee.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both appear to have rounded chins, K has a fuller jawline, possibly due to weight gain. Both have similar hair growth pattern on chin, K has hair along jawline.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The shaping of the chin appears to be similar on both subjects. The mentolabial sulcus may be more indented on the known but this could be due to changes in weight, quality, expression, etc. The jawline appears to have a similar gonial angle.
QFUJLW	Similar	Chin is similar in size/shape. Gonial angle is similar in size/shape. Mentolabial sulcus is similar in location/shape
QKRZZB	Similar	The contour of the jawline and chin appears to be consistent. Both the probe and candidate have a rounded chin.
QT8L8U	Inconclusive	

Image Set Q16: Table 4.16(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Inconclusive	Jawline appears to be longer in the unknown but could be expression, chin shape/size appears to be similar, chin length appears to be longer in the unknown due to expression, mentolabial sulcus is visible in both but hard to say if in the same location due to quality
RJB49C	Similar	The chin and jawline of each are very similar. No distinct difference noted.
RTFBMC	Similar	
T9A37R	Dissimilar	Known has a more defined mentolabial sulcus.
TLDKJC	Dissimilar	
TQ9EET	Similar	Low-res, Pixelated Unknown & Known
U67Nzd	Similar	
U8BE68	Similar	shape thickness of the chin and jawline appear to be similar between subjects
UGXDTR	Similar	similarly shaped and prominent chin and jawline; similar protrusion to the chin
VGDWFB	Similar	Shape jawline
WK96YB	Similar	
X2TF24	Similar	Chin appears similar in size/shape; jawline appears similar in shape, a bit wider in K, may be due to weight change
Z9L8L3	Similar	Similar chin shape and size.
ZCKK6L	Similar	rounded shape of the jawline is similar, but the known's is slightly wider; width, height, rounded shape, and prominence of the chin is similar

Features Observations Response Summary - Q16 Chin/Jawline		Total Participants: 62
Response	Percent Reported	
Similar	52 (83.9%)	
Dissimilar	7 (11.3%)	
Inconclusive	2 (3.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q16: Table 4.16(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, mostly covered on the unknown.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The clothes are covering the neck and therefore a comparison cannot be made.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Unknown is wearing a suit / tie that covers his neck.
8BND4V	Unable To Compare	unable to compare much detail of neck due to quality/clothing of Unknown(2)
8FHAQ2	Similar	
8T7EYX	Unable To Compare	
9NAAFD	Inconclusive	similar neck thicknesses
9WM27B	Unable To Compare	unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Overall neck: width, height, details Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	
AE2ZQY	Inconclusive	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGVPT	Unable To Compare	Unknown is covered by tux collar
BVKBTR	Unable To Compare	covered on unknown.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Unknown's neck is covered by collar. Unable to compare.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Unknown insufficiently resolved for assessment due to occlusion.

Image Set Q16: Table 4.16(m) - Neck

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Similar	similar shorter neck, width proportional with head
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Not Applicable	Not much to compare due to most of the neck on the unknown is not viewable.
J4778Z	Similar	
JEFCV2	Similar	no features to compare in corresponding areas
KCVE8G	Similar	KNOWN AND UNKNOWN: The neck appears to be similar in length, width and weight.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	Clothing obscures neck for Unk.
MMPAFW	Similar	
MX9NJY	Unable To Compare	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Inconclusive	The neck may be similar in width however it is unclear due to clothing covering on the unknown.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared be to quality
QT8L8U	Unable To Compare	
QY9X6C	[Not Reported]	Neck isn't really visible in the unknown due to clothing therefore can't compare
RJB49C	Inconclusive	The neck of both are consistent in width and length, but specific features such as creases and/or marks are not visible for comparison on unknown candidate.
RTFBMC	Unable To Compare	unknown obstructed by clothing
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Inconclusive	Low-res, Pixelated Unknown & Known

Image Set Q16: Table 4.16(m) - Neck

WebCode	Observation	Feature Notes
U67NZD	Inconclusive	
U8BE68	Similar	relative thickness of the neck appears to be similar - not much detail visible for either subject
UGXDTR	Inconclusive	similar relative width to the neck, but difficult to fully compare due to clothing covering
VGDWFB	Not Applicable	
WK96YB	Inconclusive	
X2TF24	Dissimilar	Neck appears wider in K, may be due to weight change
Z9L8L3	Unable To Compare	Most of the unknown's neck is not visible.
ZCKK6L	Similar	width and short length appears to be similar, however the majority of the unknown's is covered by the short and therefore there is not a lot available for comparison

Features Observations Response Summary - Q16 Neck		Total Participants: 60
Response	Percent Reported	
Similar	10 (16.7%)	
Dissimilar	1 (1.7%)	
Inconclusive	12 (20.0%)	
Unable to Compare	32 (53.3%)	
Not Applicable	5 (8.3%)	

Image Set Q16: Table 4.16(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Growth pattern of the facial hair is similar, no growth in the chin area. Knowns mustache is fuller, possibly due to the difference in grooming.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The hair density within the beard and the position is similar.
4EKVRZ	Similar	
4NN6W4	Inconclusive	
6VNPYY	Inconclusive	Unknown facial hair is better groomed / shorter than known. Both subjects grow hair in the same locations on the face, especially the hair on the underside of the chin.
8BND4V	Similar	similar presence/shape of facial hair above upper lip and along chin; appears to have similar presence of facial hair under lower lip, slightly longer for Known(1) than Unknown(2) which can be trim/grooming
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have goatees with similar growth patterns in mustache regions and down around mouth, chin hair is almost exact between the two
9WM27B	Similar	facial hair growth pattern, color, outline/edge definition, spatial distribution are similar.
A4GTRA	[Not Reported]	Similarities include: Above upper lip: shape, symmetry, tonality, edge definition, continuity Chin: shape, texture, symmetry, density, tonality, edge definition, continuity Dissimilarities include: (may be due to differences in age or styling in Q & R) Above upper lip: density; Below lower lip: shape, density; Some facial hair observed on jawline in R1, not Q1 Not comparable: (due to image quality in one or both images) Above upper lip: texture, orientation, detail; Below lower lip: texture, symmetry, tonality, orientation, edge definition, continuity, detail; Cheeks/chin jawline: orientation, detail; Neck: shape, texture, symmetry, density, tonality, orientation, edge definition, continuity, detail - no observed
A8F4MA	Similar	Facial hair above upper lip, Facial hair below lower lip, Facial hair on left side, Facial hair on jawline
A9BMPB	Inconclusive	Moustache had different pattern especially under nose. Otherwise quite similar
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar beards and mustache shape
BGVZPT	Similar	The facial hair on both subjects are similar in style, color, and thickness
BVKBTR	Similar	hair pattern similar.
BYKLNK	Similar	

Image Set Q16: Table 4.16(n) - Facial Hair

WebCode	Observation	Feature Notes
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Facial hair pattern appears different.
E2YXFT	Inconclusive	Pattern is similar, but hair density different
E7JQ38	Similar	Similar growth pattern and style.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar mustache and beard growth pattern
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar beard growth. Both have a small bald patch in the chin hair on the left side.
HVURP4	Similar	The hair growth of facial hair is similar and there appears to be a break in the hair growth on the left side of the mustache is consistent. The pattern of the hair growth on the goatee is similar.
J4778Z	Similar	
JEFCV2	Similar	mustache growth pattern similar, more thick in known image. chin hair growth pattern similar, texture and color similar
KCVE8G	Similar	Both have a consistent in growth and grooming, short, dark goatee.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The general shaping of the facial hair appears to be similar along the chin and the thinner lateral portions of the mouth. The hair appears to be darker on the unknown however this could be due to changes in age, lighting, etc.
QFUJLW	Similar	Similar in color/texture/length/growth pattern
QKRZZB	Similar	The growth pattern of the beard and mustache appears to be consistent.
QT8L8U	Similar	Growth pattern appears similar. Density and grooming appear dissimilar.

Image Set Q16: Table 4.16(n) - Facial Hair

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Both have dark facial hair, mustache is longer in the known, gap in the mustache on the unknown that is not visible in the known, the hair on the chin has a gap on the left side that isn't visible in the unknown, both have some hair on the jawline but appears to be shorter in the known, hair under bottom lip but longer in the known
RJB49C	Similar	Both candidates have similar style of facial hair, including growth pattern of the beard and moustache. The length of known candidate's moustache is a bit longer, but does not differ from unknown.
RTFBMC	Similar	
T9A37R	Dissimilar	Known has a full mustache while unknown has a gap of hair at the philtrum.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	Known appears older, Low-res, Pixelated Unknown & Known
U67Nzd	Similar	
U8BE68	Similar	facial hair appears to be similar in pattern - known appears to be slightly thicker in growth
UGXDTR	Similar	both individuals have a goatee with similar growth pattern and known's slightly longer in length; similar asymmetrical growth pattern from left and right sides along chin/jawline to the lower goatee
VGDWFB	Similar	Facial hair above upper lip and lower lip (spatial distribution including gaps) chin/jawline
WK96YB	Similar	
X2TF24	Similar	Facial hair growth pattern appears similar, length dissimilar, may be due to intentional alterations; similar in color
Z9L8L3	Similar	Facial hair observed in both - similar in growth area and color.
ZCKK6L	Similar	color is somewhat similar, but the unknown's is darker, which could be attributed to lighting conditions; growth pattern/ distribution shape of the mustache, chin hair, and manner in which they connect is consistent

Features Observations Response Summary - Q16 Facial Hair		Total Participants: 61
Response	Percent Reported	
Similar	51 (83.6%)	
Dissimilar	3 (4.9%)	
Inconclusive	6 (9.8%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q16: Table 4.16(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Nasolabial folds are found in similar locations and have a similar prominence.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The facial lines such as the nasolabial folds is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	The lines around the nose and mouth appear similar, both having a slight curve at the outside edge of the right side of the mouth.
8BND4V	Similar	shape/curve/prominence of left/right nasolabial folds similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	positions angles and curvatures of nasolabial lines are similar
9WM27B	Similar	nasolabial fold depth and placement appear similar.
A4GTRA	[Not Reported]	Similarities include: Nasolabial crease Dissimilarities include: (may be due to differences in lighting and image quality in Q & R) Mentolabial sulcus Not comparable: (not observed/obstructed) Frontal lines; Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Periorbital lines; Superior palpebral crease; Inferior palpebral crease; Infraorbital crease; Circumoral striae; Marionette lines; Cleft chin; Buccal creases; Wrinkles on neck; Other creases
A8F4MA	Similar	Right and left nasolabial crease/folds
A9BMPB	Similar	
AE2ZQY	Not Applicable	
AQVDNB	Similar	
BF6CMR	Similar	marionette lines similar
BGVPT	Not Applicable	None noticed.
BVKBTR	Similar	similar left of mouth and left of nose.
BYKLN	Similar	
CBAKDA	Similar	
D2JEV	Similar	
D3D3DQ	Dissimilar	Quality in both images is not good. Both have facial lines around the nose and mouth, but they appear slightly different.

Image Set Q16: Table 4.16(o) - Facial Lines

WebCode	Observation	Feature Notes
E2YXFT	Similar	Naso labial creases are similar
E7JQ38	Similar	Similar nasolabial placement and prominence.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar nasolabial furrows. sulcus distance from lower lip is similar
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Similar	Nasolabial folds both start at the top of the ala and end out from the corner of the mouth
HVURP4	Similar	Similar nasal crease is in same location and length.
J4778Z	Not Applicable	
JEFCV2	Similar	lines around nose and mouth similar in locations, thickness, shape, and curvature
KCVE8G	Similar	consistent nasolabial folds.
KRVVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Unable To Compare	
NPD6JF	Similar	
PT369V	Similar	nose lable
QCV8PW	Inconclusive	The nasolabial lines appear to have a similar location and angle on both subjects. There is a different in the fullness of the nasolabial lines however this is likely due to changes in weight.
QFUJLW	[Not Reported]	Discussed earlier
QKRZZB	Similar	Nasolabial folds on the probe and candidate appears to be similar in length and depth.
QT8L8U	Similar	Nasal Labial folds appear to start in the same place on the right side and run the same line.
QY9X6C	Not Applicable	
RJB49C	Similar	The only facial lines visible on both, the nasal folds, appear consistent.
RTFBMC	Inconclusive	low resolution images, covered with facial hair
T9A37R	Unable To Compare	

Image Set Q16: Table 4.16(o) - Facial Lines

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	Low-res, Pixelated Unknown & Known
U67Nzd	Similar	
U8BE68	Similar	mentioned in the nose section of this comparison
UGXDTR	Similar	similar nasolabial folds in shape, prominence and location; similar slightly prominent vertical crease in shape and size on the lower left cheek lateral to the mouth
VGDWFB	Similar	Nasolabial fold
WK96YB	Similar	
X2TF24	Similar	Nasolabial folds appear similar in shape/angle/prominence; mentolabial sulcus appears similar in location, deeper in K, may be due to lighting
Z9L8L3	Similar	Nasolabial folds are similar
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q16 Facial Lines		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	50 (83.3%)
	Dissimilar	1 (1.7%)
	Inconclusive	2 (3.3%)
	Unable to Compare	3 (5.0%)
	Not Applicable	4 (6.7%)

Image Set Q16: Table 4.16(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	[No observations reported for this feature.]	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Scars not observed in Q & R.
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	Possible scar on forehead L side unknown sample
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No scars observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q16: Table 4.16(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Similar	Possible scar on the left side of the mustache. There is a break in the hair growth that could be due to a scar.
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Inconclusive	Possible mark/scars on the unknown however due to quality it is not clear if they are in common or not.
QFUJLW	Not Applicable	
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	none noted
T9A37R	Unable To Compare	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	Low-res, Pixelated Unknown & Known
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q16: Table 4.16(p) - Scars

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	none noted
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q16 Scars			Total Participants: 58
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (5.2%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	3 (5.2%)	
	Unable to Compare	3 (5.2%)	
	Not Applicable	49 (84.5%)	

Image Set Q16: Table 4.16(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Not Applicable	
2XLVQ2	[No observations reported for this feature.]	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Due to quality of image, it is hard to tell if either subject has facial marks
8BND4V	Not Applicable	N/A, quality makes it difficult to compare
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Similar	both have mark on left cheek in similar position
9WM27B	Similar	facial mark on left cheek observed to be similar in color placement and shape.
A4GTRA	[Not Reported]	Dissimilarities include: (may be due to transient marks, image artefacts or differences in age, lighting and image quality in Q & R) Possible facial marks observed in Q1, not R1 - L mid forehead above mid-eyebrow, - Possible L mid-cheek, - Possible R mid cheek (more of a raised area than a mark)
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Unknown: above left brow. Might be artefact. Two possible marks on L cheek
AE2ZQY	[No observations reported for this feature.]	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Similar	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	Facial marks already mentioned in other sections.
E2YXFT	Unable To Compare	

Image Set Q16: Table 4.16(q) - Facial Marks

WebCode	Observation	Feature Notes
E7JQ38	Not Applicable	Facial marks not observed.
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Inconclusive	Unknown potentially has a mark on the lower right chin, at the tail end of the left eyebrow, and the left side of the forehead; however, artifacts are present in the image.
FG99H7	Unable To Compare	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a mark above the left eye. Not visible in Known possibly due to hair covering it.
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	potential marks in unknown (forehead and chin) which do not appear in unknown)
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Similar	
PT369V	Not Applicable	
QCV8PW	Inconclusive	Possible mark/scars on the unknown however due to quality it is not clear if they are in common or not.
QFUJLW	Not Applicable	
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Inconclusive	low resolution images
T9A37R	Dissimilar	Unknown has scattered freckles.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	Low-res, Pixelated Unknown & Known

Image Set Q16: Table 4.16(q) - Facial Marks

WebCode	Observation	Feature Notes
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Dark patches in right cheeks
WK96YB	Not Applicable	
X2TF24	Inconclusive	Facial mark on left cheek similar in location/size; mark below right lower lip on U, may be on K, however appears lighter; marks on forehead of U, not visible on K, may be due to quality/lighting
Z9L8L3	Unable To Compare	Due to lighting and image quality, it is difficult to compare.
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q16 Facial Marks			Total Participants: 58
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	9 (15.5%)	
	Dissimilar	6 (10.3%)	
	Inconclusive	8 (13.8%)	
	Unable to Compare	6 (10.3%)	
	Not Applicable	29 (50.0%)	

Image Set Q16: Table 4.16(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Weight, different lighting, different pose, glasses.
2XLVQ2	[Not Reported]	Known is wearing glasses.
3UFTE6	Not Applicable	
44J8XH	[No observations reported for this feature.]	
474EX6	Dissimilar	One of the individuals is wearing a sunglass.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	[Not Reported]	Known(1) is wearing sunglasses
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	size different- light- pose
9NAAFD	Not Applicable	no alterations of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Alterations not observed in Q & R.
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Similar	Sunglasses on known image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Dissimilar	

Image Set Q16: Table 4.16(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	[Not Reported]	Known is wearing sunglasses, difference in weight
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Dissimilar	Knowns eye area is not visible due to glasses.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	hair style, glasses
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	K has sunglasses on.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Age and weight difference
PT369V	Similar	facial expression
QCV8PW	Dissimilar	Sunglasses on the known.
QFUJLW	[Not Reported]	Known has sunglasses
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Sunglasses are worn in the known
RJB49C	Not Applicable	
RTFBMC	Dissimilar	sunglasses present in known
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Dissimilar	known is wearing sunglasses completely obscuring the eyes

Image Set Q16: Table 4.16(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Dissimilar	known is wearing sunglasses

Features Observations Response Summary - Q16 Alterations		Total Participants: 53
	<u>Response</u>	<u>Percent Reported</u>
	Similar	4 (7.5%)
	Dissimilar	13 (24.5%)
	Inconclusive	1 (1.9%)
	Unable to Compare	1 (1.9%)
	Not Applicable	34 (64.2%)

Image Set Q16: Table 4.16(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, compression, resolution and other imaging conditions.
AE2ZQY	teeth	Inconclusive	
BGZVPT	Clarity		Unknown is out of focus and the unknown is pixelated.
E7JQ38	Limitations	NotApplicable	Image quality, lighting, pose, expression and occlusion (hair, glasses and clothing).
EYNFWN	lighting	Dissimilar	difference in lighting; Known is outside in the sun, Unknown appears to be inside at night with artificial light
PT369V	glasses	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Known head is tilted and frontal image, unknown has a slight angle, the unknown is slightly pixelated, might be an age difference, lighting is darker in the unknown
RJB49C	Age	Similar	The age of both candidates does not appear to be significantly different.

Detailed Feature Observations

TABLE 4 - Image Set Q17

Image Set Q17: Table 4.17(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Inconclusive	Tone of the skin is somewhat similar; unknown appears to have a little lighter complexion. Skin is fairly smooth on both subjects.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The skin tone is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Both subjects are light skinned females. Known has more yellow tones and unknown has more pink tones
8BND4V	Dissimilar	Unknown(2) appears to have slightly more red tinge to skin tone
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	skin appears different in tone and texture, luminance appears different on forehead
9WM27B	Dissimilar	known has more textured skin not observed in known.
A4GTRA	[Not Reported]	Dissimilarities include: (may be due to differences in lighting and image quality in Q & R) Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Inconclusive	Possibly similar. But different lighting/colour temp
AE2ZQY	Inconclusive	
AQVDNB	Dissimilar	
BF6CMR	Similar	both are smooth
BGZVPT	Similar	Both have similar complexion and color
BVKBTR	Inconclusive	
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color is similar.

Image Set Q17: Table 4.17(a) - Skin

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar texture
E7JQ38	Dissimilar	Dissimilar skin texture.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Dissimilar	Known has yellow undertone and Unknown has pink undertone. Similar texture in visible skin.
FG99H7	Unable To Compare	
GM7H34	Similar	
H7ZBPM	Similar	Similar color, tone and texture
HVURP4	Dissimilar	Dissimilar. The color is not consistent. The known image appears more tan/beige in color while the unknown appears more pink in tone.
J4778Z	Dissimilar	different color
JEFCV2	Dissimilar	coloring is different, may be due to lighting
KCVE8G	Dissimilar	Both the known and unknown image have light to medium skin color. The known image has a warmer skin tone than the unknown's slightly more pink skin tone. Both have clear, smooth complexions.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both have light to tan skin, with K having a yellow undertone, possibly due to lighting. Unk has facial covering from just below the eyes to neck.
MMPAFW	Dissimilar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Dissimilar	The subjects both appear to have light/fair skin with differences in hue which could be due to quality, lighting, etc. The skin appears to be more textured on the known.
QFUJLW	Similar	Similar in light color
QKRZZB	Similar	Skin tones appear to have some similarities.
QT8L8U	Inconclusive	Visible skin appears similar in texture, but dissimilar in color
QY9X6C	Dissimilar	Tone is brighter in the unknown, texture is smoother in the unknown, the known is more yellow/brown tint
RJB49C	Dissimilar	Skin on known candidate is smooth but has small color blemishes visible. On unknown candidate, the on skin visible is the forehead, eyes and partial neck. It is similar in complexion to known, but has much fewer skin blemishes.
RTFBMC	Dissimilar	

Image Set Q17: Table 4.17(a) - Skin

WebCode	Observation	Feature Notes
T9A37R	Dissimilar	Known has skin that appears rougher in comparison to unknown.
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Inconclusive	skin tone appears to slightly differ, could be lighting difference - texture of the skin appears to be similar
UGXDTR	Inconclusive	skin tone appears similar; unknown's skin texture appears slightly more smooth than the known
VGDWFB	Dissimilar	Luminance and color
WK96YB	Similar	
X2TF24	Dissimilar	Skin appears dissimilar in overall texture/tone/luminance
Z9L8L3	Similar	skin is similar in tone. No obvious differences
ZCKK6L	Dissimilar	texture is dissimilar as the known's has a weathered appearance in the forehead region, whereas the unknown's is smooth; complexion is dissimilar, as the known's is medium and tanned whereas the unknown's is lighter with a reddish tonality; highlighting and shadowing on the contours of the face are dissimilar, indicating that the underlying musculature and bone structure is dissimilar

Features Observations Response Summary - Q17 Skin		Total Participants: 62
Response	Percent Reported	
Similar	25 (40.3%)	
Dissimilar	24 (38.7%)	
Inconclusive	10 (16.1%)	
Unable to Compare	1 (1.6%)	
Not Applicable	2 (3.2%)	

Image Set Q17: Table 4.17(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Similar	
2XLVQ2	Unable To Compare	Unable to compare, unknown is wearing a face mask.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Inconclusive	The upper portion of the face is similar, but a mask is covering the lower portion of the face and therefore a comparison cannot be made.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have an oval shaped head
8BND4V	[Not Reported]	unable to compare face/head outline due to hair and face mask of Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Similar	
9NAAFD	Dissimilar	known's head shape is more squared and unknown's head appears more ovalular
9WM27B	Similar	head outline appears similar, face outline is obstructed.
A4GTRA	[Not Reported]	Dissimilarities include: Overall shape of the face (visible portion only) Not comparable: (due to obstructions in one or both images) Shape of the cranial vault
A8F4MA	Dissimilar	overall shape of face
A9BMPB	Inconclusive	Too much occlusion. But possibly similar
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Unable To Compare	
BGVZPT	Dissimilar	Unknown seems to be more elongated
BVKBTR	Inconclusive	top seems more oval on unknown and more round on known.
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Similar	Outline appears similar.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar shape of cranial vault.

Image Set Q17: Table 4.17(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Inconclusive	Upper half of head is similar in shape. The lower half looks like it could be similar but the Unknown's mask is preventing a thorough comparison.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Similar	Hard to fully compare due to unknown wearing a mask. Both appear oval with similar cranial vaults.
HVURP4	Dissimilar	Face/head outline is dissimilar. It is difficult to determine due to the fact that the unknown image is wearing a mask. The face/head outline of the known appears more round in shape while the unknown appears full and oblong.
J4778Z	Dissimilar	facial shape and head outline even with hair is different
JEFCV2	Unable To Compare	hair is mask obscures majority of outline in unknown image
KCVE8G	Dissimilar	Both the known and unknown image have similar oval shaped heads. The cranial vault of the known image is rounder than the contour of unknown's cranial vault.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Unable To Compare	
NPD6JF	Similar	
PT369V	Not Applicable	
QCV8PW	Dissimilar	The face/head outline where visible appears to come more to a point on the cranial vault of the unknown. The lower portion is not able to be accurately determined due to the face covering.
QFUJLW	Dissimilar	Outline is not similar.
QKRZZB	Unable To Compare	The full face outline of the face cannot be compared due to the face mask worn on the probe.
QT8L8U	Inconclusive	head obstructed by hair, face partially obstructed by hair as well.
QY9X6C	Dissimilar	Width is wider in the known, unknown is more round at the top, can't say full face/head is similar/dissimilar due to mask covering lower half of face in unknown
RJB49C	Inconclusive	Unable to determine due to face of unknown candidate covered with mask.
RTFBMC	Dissimilar	
T9A37R	Similar	

Image Set Q17: Table 4.17(b) - Face/Head Outline

WebCode	Observation	Feature Notes
TLDKJC	Inconclusive	
TQ9EET	Unable To Compare	
U67NZZ	Similar	
U8BE68	Unable To Compare	outline of face is difficult to compare due to face mask on unknown
UGXDTR	Inconclusive	unable to fully compare due to unknown wearing a mask; the unknown's upper portion of the face appears more pointed in shape than the known; cranial vault shape and contour appears similar
VGDWFB	Inconclusive	
WK96YB	Similar	
X2TF24	Dissimilar	Superior portion of face is dissimilar in shape; inferior portion is obstructed by mask in U
Z9L8L3	Dissimilar	Known has smaller forehead than unknown. Known appears to have wider head than unknown.
ZCKK6L	Dissimilar	overall oval-like shape appears to be somewhat similar, but the top of the known's head is more dome-like in shape whereas the unknown's is more cone-like in shape, but a thorough comparison can't truly be conducted due to the mask coverage of the lower half of the unknown's face

Features Observations Response Summary - Q17 Face/Head Outline		Total Participants: 61
Response	Percent Reported	
Similar	17 (27.9%)	
Dissimilar	16 (26.2%)	
Inconclusive	12 (19.7%)	
Unable to Compare	12 (19.7%)	
Not Applicable	4 (6.6%)	

Image Set Q17: Table 4.17(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Similar	Spacing between the eyes is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Dissimilar	The lower portion of the face is covered by a mask in one individual but the width of the glabella (middle area between the eyebrows) is dissimilar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Inconclusive	Unknown is wearing a face mask that covers the lower half of her face, only eyes are visible. Eyes appear similarly spaced on both subjects.
8BND4V	[Not Reported]	unable to compare much of face/head composition due to face mask of Unknown(2)
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	the features visible on unknown doesnt appear to be in similar positions relative to the other visible features as that of known's
9WM27B	Unable To Compare	Unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Approximate width of nose relative to eye distances; Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Ear position relative to eyes, nose, and mouth; Eye position relative to face length
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Inconclusive	
AQVDNB	Inconclusive	
BF6CMR	Similar	eyes for both are wide-set
BGZVPT	Unable To Compare	Unknown has mask on that hampers comparison
BVKBTR	Unable To Compare	mask covers most of unknown.
BYKLNK	Similar	
CBAKDA	Dissimilar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Eyes of unknown appear lower.

Image Set Q17: Table 4.17(c) - Face/Head Composition

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Unknown insufficiently resolved for assessment due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Unable To Compare	Lower half not visible for comparison
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	[Not Reported]	Hard to fully compare due to unknown wearing a mask. Eyes and eye brows appear in the same relative position
HVURP4	Dissimilar	Face/head composition is dissimilar. The spacing of the brows is further apart on the unknown image. The bridge of the nose at the top between the eyes appears narrower on the known image.
J4778Z	Dissimilar	
JEFCV2	Unable To Compare	mask obscures majority in unknown image
KCVE8G	Dissimilar	The features of unknown are inconsistent in placement with the features of the known image.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Unable To Compare	
NPD6JF	Inconclusive	
PT369V	Similar	
QCV8PW	Dissimilar	The eyes appear to be wider placed on the unknown however the vertical alignment cannot be determined due to face covering.
QFUJLW	Inconclusive	Eyes are placed a at similar distance from the eyebrows. Eyebrowns are further away from the hairline in the Unknown than in the Known
QKRZZB	[Not Reported]	Difficult to compare due to the face msask worn by the probe.
QT8L8U	Dissimilar	head obstructed by hair. Facial composition of the unknown is obstructed by a mask. The placement of the eyes on the face appear dissimilar. The eyes of the unknow are wider set on the face than that of the known.
QY9X6C	Dissimilar	Distance between eyes is further in the unknown, rest can't be compared due to mask
RJB49C	[No observations reported for this feature.]	
RTFBMC	Unable To Compare	mask hinders full comparison
T9A37R	Dissimilar	Unknown eyes are set wide.

Image Set Q17: Table 4.17(c) - Face/Head Composition

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67Nzd	Similar	
U8BE68	Similar	relative composition of the visible features appears to be similar
UGXDTR	Similar	similar size and proportion of the features to one another for those that are visible for comparison
VGDWFB	Unable To Compare	
WK96YB	Similar	
X2TF24	Dissimilar	Eyes appear farther down on head in U
Z9L8L3	Dissimilar	No similarities noted
ZCKK6L	Dissimilar	distance from the eyes to the forehead hairline is dissimilar as the known has a shorter distance; no other features are available for comparison due to the coverage of the unknown's mask

Features Observations Response Summary - Q17 Face/Head Composition		Total Participants: 56
Response	Percent Reported	
Similar	14 (25.0%)	
Dissimilar	15 (26.8%)	
Inconclusive	9 (16.1%)	
Unable to Compare	13 (23.2%)	
Not Applicable	5 (8.9%)	

Image Set Q17: Table 4.17(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Tone of the hair is dissimilar, knowns is brown and unknowns is black. Known has a part on the right side, not found on the unknown. Knowns hair is pulled back.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The hair color is dissimilar, but the parting and texture of the hair is similar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Known has medium blonde hair with some red undertones. Hair is pulled back into a pony tale, lose pieces around ears and neck appear to have some curl/ wave/ frizziness to them. Unknown hair is dark brown/ black, long and straight.
8BND4V	Dissimilar	hair color of Known(1) is brown while Unknown(2) has black hair, can be from hair dye; what is visible of forehead hairline has rounder curve for Known(1) while Unknown(2) appears to have a slight dip inward away from center of forehead in a more triangular shape; hair pulled back for Known(1) while Unknown(2) has hair loose
8FHQAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	hair color is different, texture is different though both have straight hair, the lay of hair in front is different, frontal hairline curvature is different with unknown having a triangular middle in hairline and known is curved
9WM27B	Dissimilar	hair color is dissimilar - variation in color tonality. frontal hairline is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Hair: texture Dissimilarities include: (some may be due to differences in styling) Hair: shape/spatial distribution, tonality, density; Forehead hairline: shape; Hairline right side: shape Not comparable: (due to hair styles and obstructions in one or both images) Hair: symmetry; Hairline left side: shape; Cranial baldness pattern: shape, distribution
A8F4MA	Dissimilar	Forehead hairline, Hairline right side
A9BMPB	Inconclusive	Possibly similar lateral hairlines. Dissimilar frontal hairline. Different colour (not important)
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Dissimilar	different hair color, different hairline above forehead
BGVZPT	Dissimilar	Unknown has darker hair but texture is similar
BVKBTR	Dissimilar	different hair color but maybe dyed, part is in similar location yet different.

Image Set Q17: Table 4.17(d) - Hair

WebCode	Observation	Feature Notes
BYKLNLR	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Similar	Hair texture appears the same, but the color is different.
E2YXFT	Similar	Similar texture
E7JQ38	Dissimilar	Dissimilar hair color and hairline.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	The front hairline of the Unknown is confusing. I can't tell if I'm seeing sparse growth and shadowing, or sparse growth and a lace-front wig. Inward angle of right hairline is similar and the part line is similar. Dissimilar hair strand thickness. Dissimilar color, but Known has used hair dye.
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Different color possibly due to dying. Unknown has hair thinning at the top of the forehead
HVURP4	Dissimilar	The known image is lighter in coloring- browner, while the unknown has darker/blacker hair color. The part and the hair pattern across the forehead appear different. The distance from brow to hairline appears further on the unknown image.
J4778Z	Dissimilar	different color
JEFCV2	Dissimilar	hairline, part, and color are dissimilar
KCVE8G	Dissimilar	Each of the known and unknown images have straight, long hair that parts to the left. The color of known's hair is lighter than unknown's hair. Both known and unknown have a similar smooth texture to the hair. The known image appears to have thicker hair than unknown.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both have straight hair, Unk has very dark hair, fully down. K has brown hair with possible highlights, pulled away from the face. Both have it parted on the R side.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	

Image Set Q17: Table 4.17(d) - Hair

WebCode	Observation	Feature Notes
QCV8PW	Dissimilar	The hair appears to be lighter on the known with some curling which does not appear present on the unknown. The hairline appears to have a flatter upper portion on the known. The right lateral side of the hairline appears to be similar in shape but placed differently.
QFUJLW	Dissimilar	Not similar in color. Hairline is not similar in shape.
QKRZZB	Dissimilar	Hair color and tones are dissimilar. Hairlines of the probe and candidate do not line up between the two images.
QT8L8U	Dissimilar	Color and hairline appear dissimilar. The unknown has much darker hair than the known.
QY9X6C	Dissimilar	Color is dissimilar – known is more brown and unknown is more black, hairline is dissimilar, texture appears to be smoother in the unknown, hair is pulled back in the known and down in the unknown
RJB49C	Dissimilar	The hair on known is medium brown, parted slightly on the right side and appears longer in length, but curls at the ends. Unknown candidate has black hair that is also straight with a similar part, but doesn't curl.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown hairline is peaked at the top of the forehead.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZZ	Similar	
U8BE68	Dissimilar	hair differs in color - hairline appears to differ
UGXDTR	Dissimilar	hair color is different with known having more brown hair with some lighter/blonde highlights and unknowns is more dark/black in color; known has a different hair style with their hair pulled back vs down in the unknown; hair texture and thickness appears similar; the forehead hairline shape appears different in shape with the unknown having an upward, rounded indent in the hairline growth that does not appear in the known; the hairline growth pattern extending down towards the temporal peaks appears similar in shape and contour
VGDWFB	Dissimilar	Part line ,variation in color
WK96YB	Similar	
X2TF24	Dissimilar	Hair appears dissimilar in color/texture/style; hairline appears dissimilar, temple peaks appear more prominent in K
Z9L8L3	Dissimilar	Hair color, part is different.
ZCKK6L	Dissimilar	color is dissimilar as the known's is a light brown color, whereas the unknown's is a dark brow/ black color, which could be attributed to grooming differences; the part is in a similar location, however the known's is positioned over the middle of the right brow whereas the unknown's is over the medial end of the right brow; side hairline can't be compared due to the manner in which the unknown's hair is laying, however the forehead hairline is dissimilar; thickness and straight nature is similar; length can't be compared due to differences in hairstyle

Features Observations Response Summary - Q17 Hair		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	8 (12.9%)	
Dissimilar	50 (80.6%)	
Inconclusive	2 (3.2%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.2%)	

Image Set Q17: Table 4.17(e) - Forehead

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Dissimilar	
2XLVQ2	Dissimilar	Forehead is longer on the unknown. Minimum protrusion on both subjects.
3UFTE6	Similar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The forehead shape and the hairline are dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Unknown forehead appears taller at the peak when compared to the known.
8BND4V	Dissimilar	relative height of forehead of Unknown(2) appears slightly longer than Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	size, shape roundedness are different, contouring around brow ridges is different, frontal line positions are different, both have vertical glabellar lines but they are different in position and flow
9WM27B	Dissimilar	shape and slope of forehead is dissimilar. unknown has a taller and more slender forehead.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: relative width; Brow ridges: continuity Dissimilarities include: (may be due to differences in hair styling) Forehead shape: relative height, slope/contour (appears more convex in Q1, concave/flat in R1); Brow ridges: prominence
A8F4MA	Dissimilar	Forehead shape, Brow ridges
A9BMPB	Inconclusive	
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	not very prominent in both
BGZVPT	Dissimilar	Unknowns forehead seems higher
BVKBTR	Dissimilar	seems smaller on known but very slight.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Forehead shape appears similar, but there are marks on both that appear in different positions.

Image Set Q17: Table 4.17(e) - Forehead

WebCode	Observation	Feature Notes
E2YXFT	Dissimilar	Hairline, shape of forehead and brow ridges are different
E7JQ38	Dissimilar	Dissimilar forehead height and prominence.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	[Not Reported]	Unknown's forehead appears taller. Similar width. Brow ridge prominence similar.
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Unknown has a longer forehead. Hair growth is slightly different between the two pictures.
HVURP4	Dissimilar	The unknown has a wider forehead and has a few marks on the left side of the forehead that are not visible on the known image. The creases between the eyes are not consistent. The unknown image has a single crease in the center of the brows and the known image appears to have two creases in the "11" area.
J4778Z	Dissimilar	different shape and length, different hairlines
JEFCV2	Dissimilar	shape appears dissimilar, may be due to hairstyle, various marks within both images which do not correspond with other image
KCVE8G	Dissimilar	The height of known's forehead is shorter than unknown. The hairline of the unknown image appears to almost come to a point in the center unlike the evenly curved contour of known's hairline. The width of unknown's forehead at the brow ridge is greater than the width of known's forehead across the brow ridge.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both appear to have rounded foreheads, with K having a slightly more narrow forehead with hair pinching in at the temples more. Unk has an asymmetrical hairline at the apex.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The forehead appears to be larger on the unknown. There appears to be an indentation on the unknown that is not visible in the known.
QFUJLW	Dissimilar	Not similar in size/shape/height/width. Frontal lines are not similar in size/shape/quantity. Facial markings on the forehead is not similar in size/shape/color
QKRZZB	Dissimilar	The width and length of the forehead appears to be dissimilar between the probe and candidate. The contour of the forehead appears to be dissimilar as well.
QT8L8U	Inconclusive	Height of the unknown appears taller than the known. Width not fully visible in either.

Image Set Q17: Table 4.17(e) - Forehead

WebCode	Observation	Feature Notes
QY9X6C	Dissimilar	Height is larger in the unknown, width is smaller in the unknown, frontal lines are dissimilar in location/size, marks on the known are not in the same location as unknown, brow ridge is dissimilar
RJB49C	Dissimilar	The forehead of known has several small dark marks on it and shows no creases, possibly not visible due resolution of photo. Unknown has one or two dark marks visible, but in different locations than known. The height of the foreheads on each appears to be similar with distance from hairline to eyebrows fairly consistent.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known forehead is shorter.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	general shape of the forehead appears to differ - creases seen on the unknown do not appear to line up properly with the known
UGXDTR	Dissimilar	the relative forehead height appears different with the known appearing to have a shorter forehead in height; the unknown has two light, short frontal lines present that do not appear to be present in the same relative location on the known; the unknown appears to have a short vertical crease or scar present in the right medial portion of the forehead about midway up the forehead that does not appear in the known; the known has a more light glabellar line towards the left medial portion of the lower forehead; there are various facial marks on both subjects that are not consistent between each other in shape, prominence and location
VGDWFB	Dissimilar	Relative height, Relative width
WK96YB	Similar	
X2TF24	Dissimilar	Forehead appears dissimilar in relative height, longer in U; dissimilar in relative width, wider in U; appears dissimilar in slope; vertical glabellar lines appear present on K, not present on U, may be due to aging; frontal lines present on U, not visible in K; brow ridges appear more prominent in U
Z9L8L3	Dissimilar	The forehead of the known is not as tall as the unknown.
ZCKK6L	Dissimilar	dome-like shape is similar, however size and contour is dissimilar as the known's is shorter and smaller with a flatter contour but prevalent frontal eminences, whereas the unknown's is larger but possesses a curved contour; unknown has two, faint small frontal lines and a small linear scar-like mark beneath them, that are located in the upper portion of the forehead that aren't present on the known; known has three faint facial marks in a "v" shaped formation above the medial end of the left brow, that are not visible on the unknown, whereas the unknown has one that is located above the middle of the left brow

Features Observations Response Summary - Q17 Forehead		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	9 (14.8%)	
Dissimilar	48 (78.7%)	
Inconclusive	3 (4.9%)	
Unable to Compare	0 (0.0%)	
Not Applicable	1 (1.6%)	

Image Set Q17: Table 4.17(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKB7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	[Not Reported]	Knowns eyebrows are thinner. The growth of the unknown's eyebrows is more spaced (can see through them). Spacing between the eyebrows is dissimilar, further apart on the unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The hair density within the eyebrow is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Similar	
6VNPYY	Dissimilar	Both subjects have thin eyebrows that get very thin at the outer edges. Unknown has less hair in her eyebrows, skin is visible under the eyebrows. Known eyebrows are fuller, not allowing any skin to be seen under the eyebrow.
8BND4V	Dissimilar	medial ends of eyebrows appear slightly further apart for Unknown(2) than Known(1); medial end of left eyebrow of Known(1) appears slightly further toward center of face relative to the left medial canthus
8FHAQ2	Dissimilar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	starting positions at medial ends are different, curvatures are different, growth patterns are different in both brows, ending points at lateral ends are different, positions above eyes are different
9WM27B	Dissimilar	eyebrow color, texture, growth pattern, shape, density, grooming is dissimilar.
A4GTRA	[Not Reported]	Similarities include: Shape Dissimilarities include: (may be explained by differences in styling in Q & R) Size; Position; Density of hair; Asymmetry - L medial end of eyebrow sits further from midline in Q than R Not comparable: Conjoined - not observed; Hair details
A8F4MA	Dissimilar	Right and left eyebrow
A9BMPB	Dissimilar	Denser growth on known. Shorter distance between medial ends on known. Different asymmetry.
AE2ZQY	Dissimilar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar width, thinness, length
BGVZPT	Similar	Similar in size and shape
BVKBTR	Dissimilar	somewhat blurry on known compared to unknown. while similar not clear enough to identify. position of eyebrows different.
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	

Image Set Q17: Table 4.17(f) - Eyebrows

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Dissimilar	Eyebrows of known appear thinner.
E2YXFT	Dissimilar	Shape and density are different
E7JQ38	Dissimilar	Dissimilar eyebrow placement, inner end points, growth pattern and color.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	Dissimilar	Brows are groomed in both images. Both are relatively flat with no angle. Known has greater brow hair density, although they might be filled in with makeup. Shape is not identical. Right medial brow starting location is different, Known's is more medial and Unknown's is more lateral.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has fuller eyebrows. Known's eyebrows thin towards the lateral side. Known's eyebrows are more dense and filled.
HVURP4	Dissimilar	The brow coloring is different. The known's color is lighter than the unknowns. The shape and hair growth pattern of the unknown image is fuller.
J4778Z	Dissimilar	different color, thickness, and shapes
JEFCV2	Dissimilar	shape does not appear similar, thickness medially and thinness laterally does not appear consistent
KCVE8G	Dissimilar	The brow ridge of the unknown image is more pronounced than known image. The distance between the eyebrows of the unknown image is greater than the distance between the eyebrows of the known image. Unknown's eyebrows are lighter in color, thinner in width and thicker in texture than unknown's eyebrows.
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both appear to have slim, groomed brows. K has less distance between the medial edges. Unk has the lateral edges curving downward more.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The eyebrows appear to be thicker on the known than the unknown. The brows appear to be closer together on the known. The lateral portion appears to thin out on both subjects however it appears to be in different locations.
QFUJLW	Dissimilar	Not similar in shape/color. Eyebrows are wider apart in the Unknown than in the Known.

Image Set Q17: Table 4.17(f) - Eyebrows

WebCode	Observation	Feature Notes
QKRZZB	Dissimilar	The growth pattern and thickness of the eyebrows appears to have dissimilarities.
QT8L8U	Dissimilar	Shape and grooming appear similar. Density and color appear dissimilar.
QY9X6C	Dissimilar	Color is darker in the unknown, distance apart is further in the unknown, vertical glabellar lines are dissimilar in location, distance to eyes is larger in the known
RJB49C	Dissimilar	Known candidate's eyebrows are thin and extend only to the corners of the eyes, ending in a point. Unknown candidate's eyebrows are similar in style but appear further apart.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Unknown has thinner eyebrows.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67Nzd	Similar	
U8BE68	Dissimilar	both subjects appear to have thin brows - relative distance between medial ends of the brows appears to differ - thickness of growth appears to differ
UGXDTR	Dissimilar	known's eyebrows appear more brown in color vs black in the unknown; the knows eyebrows appear more thick in hair growth; the unknown appears to have a wider intermedial distance between the eyebrows; there is a slight difference in the overall shape and contour of the eyebrows
VGDWFB	Dissimilar	Density of hair within eyebrow and distribution of density ,shape,size
WK96YB	Similar	
X2TF24	Dissimilar	Eyebrows appear farther apart in U; dissimilar in shape/thickness, similar in angle; appear thinner on lateral ends of K; start closer medially in relation with eyes in K
Z9L8L3	Dissimilar	The eyes are different colors and different in growth. Unknown's are slightly wider and curve down in between the eyes where the known's are straight
ZCKK6L	Dissimilar	relatively straight shape and length is similar, however color and thickness are dissimilar, as the unknown's are darker but sparse; the approx. distance between the medial ends is dissimilar, as the unknown has a greater distance; approx. distance above the eyes is similar; known has a small linear shaped scar-like mark at the medial end of the left brow that is not present on the unknown

Features Observations Response Summary - Q17 Eyebrows		Total Participants: 61
	Response	Percent Reported
	Similar	9 (14.8%)
	Dissimilar	51 (83.6%)
	Inconclusive	1 (1.6%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q17: Table 4.17(g) - Eyes

WebCode	Observation	Feature Notes
2EKBP7	Dissimilar	
2KAT63	Dissimilar	
2XLVQ2	Inconclusive	Shape of the eyes are similar. Folds of the upper eyelids are dissimilar. Left and right medial canthus is dissimilar.
3UFTE6	Similar	
44J8XH	Dissimilar	
474EX6	Dissimilar	The eye size and shape of the superior palpebral crease is dissimilar.
4EKVRZ	Dissimilar	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Unknown has two folds in upper eyelids. Known has one fold in upper eyelid. Lines under the eyes are different between the two subjects.
8BND4V	Dissimilar	angle/shape of Unknown(2) left/right medial canthi angled more downwards with shaper v-shape while Known(1) appears to have slightly rounder shape to medial canthi; Unknown(2) has more prominent/angular curve to left inferior palpebral creases; more prominent right inferior palpebral creases present for Unknown(2) compared to rounder/longer curves for Known(1); Known(1) appears to have rounder superior palpebral creases compared to Unknown(2)
8FHAQ2	Similar	
8T7EYX	Dissimilar	
9NAAFD	Dissimilar	position at which eyes sit on face are different, eyelid shapes are different, medial canthus points and shapes are different in both eyes, interpupillary distance is different with unknown's being a little wider than knowns, under eye line positions and curvatures are different
9WM27B	Dissimilar	overall eye shape is different. eye fissure is different. shape and slope of medial and lateral canthus is dissimilar. superior palpebral creases are dissimilar. left and right periorbital creases are dissimilar.
A4GTRA	[Not Reported]	Similarities include: Eye fissure opening: shape, angle; Inter-canthal distance; Upper eyelid: position in relation to iris/pupil; Lower eyelid: prominence, protrusion; Eyeball prominence; Iris: visibility (L), diameter relative to eye opening (limited); Lateral canthus: shape, angle Dissimilarities include: Upper eyelid: prominence, protrusion, visibility of superior palpebral crease; Lower eyelid: visibility of inferior palpebral crease, position in relation to iris/pupil; Sclera: visibility; Iris: visibility (R), position relative to eye opening; Medial canthus: caruncle, shape, angle; Asymmetry - L iris angled more laterally in Q1, more medially in R1, secondary superior pal crease more prominent on L eye in Q1, not observed in R1 Not comparable: (due to image quality and obstruction in Q & R) Interpupillary distance; Upper eyelid: lash characteristics; Lower eyelid: visibility of the infraorbital furrow, lash characteristics; Iris: irregularity of iris
A8F4MA	Dissimilar	Inter-canthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, Right and left eyeball prominence, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Dissimilar	Different lower eyelids. Different left medial canthus.

Image Set Q17: Table 4.17(g) - Eyes

WebCode	Observation	Feature Notes
AE2ZQY	Dissimilar	
AQVDNB	Dissimilar	
BF6CMR	Similar	similar shape, upper and lower lid
BGZVPT	Dissimilar	Unknown eyes seem to be deeper set
BVKBTR	Dissimilar	corner of eyes near nose is not similar. creases around eyes doesn't seem consistent
BYKLNK	Dissimilar	
CBAKDA	Dissimilar	
D2JEVW	Dissimilar	medial canthus differ, upper eyelid
D3D3DQ	Dissimilar	Outer corners of eyes on unknown appear to turn more downwards than on known.
E2YXFT	Dissimilar	Medial canthus is different, overall shape and size are different
E7JQ38	Dissimilar	Dissimilar eye shape, upper eyelid shape and prominence, visible sclera, lower lid shape, medial corner angle and left caruncle prominence.
E9D7GU	Dissimilar	
E9YHHN	Dissimilar	
EYNFWN	[Not Reported]	Unknown is probably smiling under the mask, resulting in eye squinting and wrinkling. Eye width and shape are similar. Eyes are spaced slightly further apart in Known. Both have hooded eyelids, but Unknown has an additional fold/crease and the superior palpebral crease. Unknown also appears to have a small bump under left brow. The space between the crease and the eyebrows are similar. Both have an additional shallow crease below the eyebrows. The area between the medial canthi and the nasal root in the Unknown appears deeper (I'm taking the shadow/highlight dissimilarities into consideration)
FG99H7	Dissimilar	
GM7H34	Similar	
H7ZBPM	Dissimilar	Unknown has 2 superior palpebral creases while the known only has 1. Known has a more rounded left medial canthus. Unknown has more defined inferior palpebral crease
HVURP4	Dissimilar	The unknown image has several eye lid creases while the known has a single eye lid crease. The unknown image has several creases under the eyes is not consistent with the single crease under the known image.
J4778Z	Dissimilar	medial and lateral canthi are different
JEFCV2	Dissimilar	creases above and below eyes do not appear consistent in location, curvature, and thickness
KCVE8G	Dissimilar	Known's eyes appear symmetrical in size, shape and placement. Unknown's right eye appears slightly smaller than the left eye. Both unknown and known have similarly dark eye color. The lower lid creases are inconsistent in length, number and placement between known and unknown. the upper eyelid fold is inconsistent in shape, size and fullness and there are 2 visible lines in the upper eyelid crease of the unknown image that are not present on the known image.

Image Set Q17: Table 4.17(g) - Eyes

WebCode	Observation	Feature Notes
KRVGN	Dissimilar	
KZ6KVM	Similar	
LYMV82	Dissimilar	Both appear to have dark eyes, Unk has double creases at the superior palpebral crease and more pronounced inferior palpebral creases than K. K has more upturned eyes at the later canthi.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Dissimilar	
PT369V	Dissimilar	
QCV8PW	Dissimilar	The fissure appears to droop more on the known than the unknown. There appears to be differences in the amount of visible sclera. The eyes appear to be deeper set on the unknown. There appears to be more inferior palpebral creases on the unknown. The lateral canthi appear to be lower on the unknown.
QFUJLW	Dissimilar	Not similar in shape. Medial canthus is not similar in shape/size. Lateral canthus is not similar in size/shape. Superior palpebral crease is not similar in size/shape. Inferior is not similar in location/size/shape. Infraorbital crease is not similar in location
QKRZZB	Dissimilar	The shape of the medial canthus appears to be different between the probe and candidate. The eye fissures between the probe and candidate follow a different path. The overall shape of the eyes appears to be dissimilar between the probe and candidate.
QT8L8U	Dissimilar	The eyes of the unknown appear wider set than those of the known. Also, the unknown's left medial canthus appears dissimilar in shape than that of the known.
QY9X6C	Dissimilar	Unknown height is smaller, unknown has more superior palpebral creases, eyelids are larger in the known, inferior palpebral creases are dissimilar, medial canthus comes more to a point in the unknown, lateral canthus is dissimilar, crows feet are dissimilar, sclera size is dissimilar, mark near the left medial canthus in the known that is not visible in the unknown, same with the right side
RJB49C	Dissimilar	The eyes of known are more round than that of unknown and folds of the upper lids differ. Also, the creases below lower lids appear to be slightly different.
RTFBMC	Dissimilar	
T9A37R	Dissimilar	Known has uniform reveal of upper eyelid. Unknown has additional fold.
TLDKJC	Dissimilar	
TQ9EET	Dissimilar	
U67NZD	Similar	
U8BE68	Dissimilar	shape of the medial canthus appears to differ - creases around the eyes differ, unknown has more creases

Image Set Q17: Table 4.17(g) - Eyes

WebCode	Observation	Feature Notes
UGXDTR	Dissimilar	similar eye color with both appearing to have dark brown eyes; similar iris size and location relative to the rest of the eye; similar eye depth within the orbit; similar overall eye size; similar overall size of the eyes; the left medial canthus in the know appears more prominent in shape towards the nose with more caruncle visible; the right medial canthus in the unknown appears slightly more pointed in shape; the unknown appears to have two superior palpebral creases or folds on the upper eyelid vs one on the known; the shape and number of the inferior palpebral creases appears different with the unknown having a flatter left crease and two right creases vs one in the known
VGDWFB	Dissimilar	Eye fissure ,interior palpebral crease
WK96YB	Similar	
X2TF24	Dissimilar	Periorbital eyelid area appears similar in size, more protruded in U; superior palpebral creases appear to have two in U; upper eyelid appears slightly larger in U; intercanthal distance appears similar; interpupillary distance appears wider in K; medial canthi appear dissimilar in shape; eyeballs appear more prominent in K; iris shape appears dissimilar, color appears similar; inferior palpebral creases appear dissimilar in shape/prominence/quantity; left infraorbital crease appears start dissimilar angle, however obstructed by mask in U
Z9L8L3	Dissimilar	Both have brown eyes. The creases around the eyes are different.
ZCCK6L	Dissimilar	approx. intercanthal distance and degree of hoodedness is similar; almond-like shape and size is similar; medial canthi shape and size is dissimilar, as the known's are shorter and asymmetric as the right is pointed and the left rounded, whereas the unknown's are more elongated and both possess a pointed shape; known has double superior and inferior palpebral creases whereas the known only has one; known's bags are puffier/thicker and larger than the unknown's

Features Observations Response Summary - Q17 Eyes		Total Participants: 61
Response	Percent Reported	
Similar	7 (11.5%)	
Dissimilar	53 (86.9%)	
Inconclusive	1 (1.6%)	
Unable to Compare	0 (0.0%)	
Not Applicable	0 (0.0%)	

Image Set Q17: Table 4.17(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The cheek cannot be compared due to the mask covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Unknown is wearing a face mask that covers the lower half of her face
8BND4V	Unable To Compare	unable to compare cheeks due to mask of Unknown(2)
8FHAQ2	Unable To Compare	restrive factor : medical mask
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see cheeks of unknown due to mask
9WM27B	Unable To Compare	Unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Cheekbone prominence; Cheek shape; Dimples
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGVZPT	Unable To Compare	Unknown has face blocked by mask
BVKBTR	Unable To Compare	covered by mask.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	Facial mask in the unknown image.
D2JEVW	Unable To Compare	mask
D3D3DQ	Unable To Compare	Mask is covering the bottom half of the unknown's face.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Cheeks not visible in the Unknown due to occlusion.
E9D7GU	Inconclusive	

Image Set Q17: Table 4.17(h) - Cheeks

WebCode	Observation	Feature Notes
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Not visible for comparison
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Unable To Compare	Unable to compare due to unknown wearing a mask.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	covered by mask in unknown image
KCVE8G	Unable To Compare	Lower portion of unknown's face has a facial covering
KRVVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	unable to compare due to face covering
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared due to face mask worn by the probe
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Can't be compared due to mask on unknown
RJB49C	Unable To Compare	Not visible on unknown candidate. Face covered with mask.
RTFBMC	Unable To Compare	mask hinders full comparison
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67Nzd	Unable To Compare	
U8BE68	Unable To Compare	cheeks of unknown are not visible
UGXDTR	Unable To Compare	unable to compare due to mask on unknown

Image Set Q17: Table 4.17(h) - Cheeks

WebCode	Observation	Feature Notes
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Similar	From what is visible of side of zygomatic bones, appear similar in prominence on sides, cannot compare soft tissue of cheeks
Z9L8L3	Unable To Compare	Unknown has a mask on therefore no comparison can be made
ZCKK6L	Unable To Compare	due to the mask coverage of the unknown

Features Observations Response Summary - Q17 Cheeks		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.2%)
	Dissimilar	0 (0.0%)
	Inconclusive	3 (4.8%)
	Unable to Compare	53 (85.5%)
	Not Applicable	4 (6.5%)

Image Set Q17: Table 4.17(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The nose cannot be compared due to the mask covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Unknown is wearing a face mask that covers the lower half of her face
8BND4V	Unable To Compare	unable to compare nose due to mask of Unknown(2)
8FHAQ2	Unable To Compare	restrive factor : medical mask
8T7EYX	Unable To Compare	
9NAAFD	Dissimilar	nasal root width, shape and indentions are different between know and unknown, width at top of body is shaped differently, the rest of nose is not visible in unknown due to mask
9WM27B	Unable To Compare	Unable to compare.
A4GTRA	[Not Reported]	Similarities include: Nasal root: shape, depth, angle Dissimilarities include: Nasal root: width Not comparable: (due to obstructions in one or both images) Nasal outline: shape, length, width, prominence; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width, height; Nasal alae: thickness, shape; Nostrils: shape, size, hair; Columella: width, length, relative position; Asymmetry and deviation
A8F4MA	Dissimilar	Nasal root (bridge)
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGZVPT	Unable To Compare	Unknown has face blocked by mask
BVKBTR	Unable To Compare	covered by mask below bridge.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	Facial mask in the unknown image.
D2JEVW	Unable To Compare	mask
D3D3DQ	Unable To Compare	Mask is covering the bottom half of the unknown's face.

Image Set Q17: Table 4.17(i) - Nose

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Nose not visible in the Unknown due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Inconclusive	Unknown has a more prominent nasal root. The full nose is not available for comparison.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Unable To Compare	
HVURP4	Unable To Compare	Unable to compare due to unknown wearing a mask.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	covered by mask in unknown image
KCVE8G	Dissimilar	The shape of the root of known's nose is inconsistent with the root of unknown's nose. There is inconsistent narrowing and distance between the eyes.
KRVGN	Dissimilar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Dissimilar	The nasal root appears to be flatter and the nasal body appears to be thinner on the known. The rest of the features of the nose are not able to be compared due to the face covering.
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared due to face mask worn by the probe.
QT8L8U	Unable To Compare	
QY9X6C	Dissimilar	Most of the nose is covered by mask in the unknown, nasal root shape/size is dissimilar, nasion crease is dissimilar
RJB49C	Inconclusive	Only bridge of nose is visible on known candidate. Face covered with mask. Appears consistent in width with that of known.
RTFBMC	Unable To Compare	mask hinders full comparison
T9A37R	Unable To Compare	

Image Set Q17: Table 4.17(i) - Nose

WebCode	Observation	Feature Notes
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	nose of unknown is not visible
UGXDTR	Unable To Compare	unable to compare due to mask on unknown
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Dissimilar	Nasal root appears more protruded in U, similar in width; mark on right side of nasal root in both, dissimilar location/shape/size/color; appears to be a scar on nasal root of U, not visible in K; nasion crease in both, dissimilar in angle
Z9L8L3	Unable To Compare	Unknown has a mask on therefore no comparison can be made
ZCKK6L	Unable To Compare	due to the mask coverage of the unknown

Features Observations Response Summary - Q17 Nose		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	0 (0.0%)
	Dissimilar	7 (11.3%)
	Inconclusive	5 (8.1%)
	Unable to Compare	46 (74.2%)
	Not Applicable	4 (6.5%)

Image Set Q17: Table 4.17(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The ears cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Unknown is wearing a face mask that covers the lower half of her face
8BND4V	Unable To Compare	unable to compare details of ears due to hair of Known(1) and due to hair/mask for Unknown(2)
8FHAQ2	Unable To Compare	restrive factor : medical mask
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see enough of the ears in either to compare
9WM27B	Unable To Compare	Unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Asymmetry; Ear protrusion Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Not Applicable	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGVZPT	Unable To Compare	Both are obscured by hair
BVKBTR	Unable To Compare	not visible on either.
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	
D2JEVV	Unable To Compare	

Image Set Q17: Table 4.17(j) - Ears

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Hair of unknown is covering ears.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears not visible.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Not enough visible for comparison.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Unable To Compare	
HVURP4	Unable To Compare	Ears are not viewable to compare
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	obstructed by hair in both images
KCVE8G	Unable To Compare	long hair is covering the ears in both images.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering & hair.
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	unable to compare due to hairstyle
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared.
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Can't be compared – not visible in either
RJB49C	Unable To Compare	Not visible on either candidate.
RTFBMC	Not Applicable	not visible
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	

Image Set Q17: Table 4.17(j) - Ears

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67NZZ	Unable To Compare	
U8BE68	Unable To Compare	ears of both subjects are not visible
UGXDTR	Unable To Compare	unable to fully compare due to hair covering
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Unknown has a mask on therefore no comparison can be made
ZCKK6L	Unable To Compare	due to the coverage by both known and unknown's hair

Features Observations Response Summary - Q17 Ears			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.6%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	3 (4.8%)	
	Unable to Compare	51 (82.3%)	
	Not Applicable	7 (11.3%)	

Image Set Q17: Table 4.17(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The mouth cannot be compared due to the mask covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Unknown is wearing a face mask that covers the lower half of her face
8BND4V	Unable To Compare	unable to compare mouth due to mask of Unknown(2)
8FHAQ2	Unable To Compare	restrive factor : medical mask
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see mouth in unknown due to mask
9WM27B	Unable To Compare	Unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: shape, fullness, protrusion, upper vermillion border shape, detail; Lower lip: shape, fullness, protrusion, lower vermillion border shape, detail; Lip fissure: shape, degree of contact, angle; Asymmetry; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGZVPT	Unable To Compare	Unknown has face blocked by mask
BVKBTR	Unable To Compare	covered by mask
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	Facial mask in the unknown image.
D2JEVW	Unable To Compare	
D3D3DQ	Unable To Compare	Mask is covering the bottom half of the unknown's face.

Image Set Q17: Table 4.17(k) - Mouth

WebCode	Observation	Feature Notes
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Mouth not visible in the Unknown due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Not visible for comparison
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Unable To Compare	
HVURP4	Unable To Compare	Unable to compare due to unknown wearing a mask.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	covered by mask in unknown image
KCVE8G	Unable To Compare	Lower portion of unknown's face has a facial covering
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	unable to compare due to face covering
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared.
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Can't be compared due to mask on unknown
RJB49C	Unable To Compare	Not visible on unknown candidate. Face covered with mask.
RTFBMC	Unable To Compare	mask hinders full comparison
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	

Image Set Q17: Table 4.17(k) - Mouth

WebCode	Observation	Feature Notes
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	mouth of unknown is not visible
UGXDTR	Unable To Compare	unable to compare due to mask on unknown
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Unknown has a mask on therefore no comparison can be made
ZCKK6L	Unable To Compare	due to the mask coverage of the unknown

Features Observations Response Summary - Q17 Mouth		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	0 (0.0%)
	Dissimilar	0 (0.0%)
	Inconclusive	3 (4.8%)
	Unable to Compare	54 (87.1%)
	Not Applicable	5 (8.1%)

Image Set Q17: Table 4.17(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The jawline cannot be compared due to the mask covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Unknown is wearing a face mask that covers the lower half of her face
8BND4V	Unable To Compare	unable to compare chin/jawline due to mask of Unknown(2)
8FHAQ2	Unable To Compare	restrive factor : medical mask
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see chin or jawline in unknown due to mask
9WM27B	Unable To Compare	Unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Chin: overall shape, length, width relative of rest of face, prominence, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGZVPT	Unable To Compare	Unknown has face blocked by mask
BVKBTR	Unable To Compare	covered by mask
BYKLNK	Unable To Compare	
CBAKDA	Unable To Compare	Facial mask in the unknown image.
D2JEVV	Unable To Compare	
D3D3DQ	Unable To Compare	Mask is covering the bottom half of the unknown's face.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Chin and jawline not visible in the Unknown due to occlusion.

Image Set Q17: Table 4.17(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Not visible for comparison
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	Unable To Compare	
HVURP4	Unable To Compare	Unable to compare due to unknown wearing a mask.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	covered by mask in unknown image
KCVE8G	Unable To Compare	Lower portion of unknown's face has a facial covering
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	face covering
MMPAFW	Inconclusive	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	unable to compare due to face covering
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Cannot be compared.
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Can't be compared due to mask on unknown
RJB49C	Unable To Compare	Not visible on unknown candidate. Face covered with mask.
RTFBMC	Unable To Compare	mask hinders full comparison
T9A37R	Unable To Compare	
TLDKJC	Unable To Compare	
TQ9EET	Unable To Compare	
U67NZD	Unable To Compare	
U8BE68	Unable To Compare	chin and jawline of unknown is not visible

Image Set Q17: Table 4.17(I) - Chin/Jawline

WebCode	Observation	Feature Notes
UGXDTR	Unable To Compare	unable to compare due to mask on unknown
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Unknown has a mask on therefore no comparison can be made
ZCKK6L	Unable To Compare	due to the mask coverage of the unknown

Features Observations Response Summary - Q17 Chin/Jawline			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	0 (0.0%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	3 (4.8%)	
	Unable to Compare	54 (87.1%)	
	Not Applicable	5 (8.1%)	

Image Set Q17: Table 4.17(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Inconclusive	
2XLVQ2	Dissimilar	Two neck creases are prominent on the known, unknown has a faint one towards the upper part of the neck.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The wrinkles on the neck are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	Both subjects have wider necks. Multiple horizontal creases are visible on known neck. Unknown neck does not appear to have any creases.
8BND4V	Dissimilar	unable to compare much detail of neck due to being partially obscured by mask and hair of Unknown(2); what is visible for Unknown(2) does not appear to have as many neck wrinkles present as Known(1)
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Dissimilar	neck lines in position number and curvatures are all different, the contouring at bottom right side of neck is different
9WM27B	Dissimilar	Neck lines observed on known are not observed on known
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Overall neck: width, height, details; Laryngeal prominence: shape, size, prominence, location
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	Occlusion/not able to define lateral edges on unknown
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar lines
BGVPT	Inconclusive	Known has lines at the base of the neck that are unable to be seen on the unknowns
BVKBTR	Dissimilar	lines on known are not on unknown
BYKLNK	Inconclusive	
CBAKDA	Dissimilar	
D2JEVW	Unable To Compare	
D3D3DQ	[No observations reported for this feature.]	
E2YXFT	Dissimilar	Width seems wider on unknown image

Image Set Q17: Table 4.17(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Unable To Compare	Neck insufficiently resolved for assessment in the Unknown due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Dissimilar	
EYNFWN	Unable To Compare	Double chin visible on Known; mask is covering this area on the Unknown, unable to compare.
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Known has several neck creases through the middle of the neck and towards the base of the neck.
HVURP4	Similar	The known image has severe neck creases that are not present on the unknown image.
J4778Z	Dissimilar	the visible portion of the neck one has more lines
JEFCV2	Dissimilar	creases and marks in known image do not appear in unknown image
KCVE8G	Dissimilar	The neck of known and unknown appears similar in weight, length and width but inconsistent in color, texture and necklines. The known image has several neck lines that do not appear on unknown image.
KRVGN	Dissimilar	
KZ6KVM	Unable To Compare	
LYMV82	Dissimilar	K has more neck lines and they are not in common with Unk.
MMPAFW	Similar	
MX9NJY	Dissimilar	
NPD6JF	Unable To Compare	
PT369V	Dissimilar	
QCV8PW	Unable To Compare	unable to compare due to face covering
QFUJLW	Unable To Compare	
QKRZZB	Dissimilar	Both the probe and candidate have neck wrinkles, but they do not line up with one another.
QT8L8U	Unable To Compare	
QY9X6C	Dissimilar	Not all of the neck is visible in the unknown due to mask , width appears to be wider in the known, neck creases are visible in the known but hard to tell in the unknown
RJB49C	Unable To Compare	Only partially visible on unknown candidate. What part is visible shown no similarity or dissimilarity.
RTFBMC	Unable To Compare	
T9A37R	Dissimilar	Unknown has several wrinkles/creases along the neck. Known appears to have none in the visible area of the neck.

Image Set Q17: Table 4.17(m) - Neck

WebCode	Observation	Feature Notes
TLDKJC	Unable To Compare	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Similar	general thickness of the neck appears to be similar - creases on both subjects to not line up
UGXDTR	Inconclusive	unable to fully compare due to hair covering, clothing and mask; the known appears to have more prominent neck creases that are not present in the same relative location on the unknown, especially on the lower neck where it meets the chest
VGDWFB	Unable To Compare	
WK96YB	Inconclusive	
X2TF24	Inconclusive	Neck creases visible on K, not visible on U, may be due to mask
Z9L8L3	Dissimilar	Neck creases in known are not observed in unknown but could be due to age difference.
ZCKK6L	Dissimilar	musculature is dissimilar, as the known's appears to be thicker; known has several neck creases visible that are not present on unknown, as the creases at the base of the neck should be visible on the unknown if they existed

Features Observations Response Summary - Q17 Neck			Total Participants: 61
	Response	Percent Reported	
	Similar	5 (8.2%)	
	Dissimilar	25 (41.0%)	
	Inconclusive	12 (19.7%)	
	Unable to Compare	15 (24.6%)	
	Not Applicable	4 (6.6%)	

Image Set Q17: Table 4.17(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Unable To Compare	None found on the known, unable to compare to unknown as the lower part of the face is not visible.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Dissimilar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Facial hair not observed in Q & R
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noted
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	Facial mask in the unknown image.
D2JEVW	Not Applicable	
D3D3DQ	Unable To Compare	Mask is covering the bottom half of the unknown's face.
E2YXFT	Not Applicable	
E7JQ38	Unable To Compare	Facial hair not observed in the Known and not visible in the Unknown due to occlusion.
E9D7GU	Inconclusive	

Image Set Q17: Table 4.17(n) - Facial Hair

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	None Noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Unable To Compare	Lower portion of unknown's face has a facial covering
KRVVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Unable To Compare	unable to compare due to face covering
QFUJLW	Unable To Compare	
QKRZZB	Not Applicable	
QT8L8U	Unable To Compare	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Unable To Compare	mask hinders full comparison
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Unable To Compare	unable to determine due to mask

Image Set Q17: Table 4.17(n) - Facial Hair

WebCode	Observation	Feature Notes
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Unable To Compare	None observed
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q17 Facial Hair			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	1 (1.7%)	
	Dissimilar	1 (1.7%)	
	Inconclusive	1 (1.7%)	
	Unable to Compare	13 (21.7%)	
	Not Applicable	44 (73.3%)	

Image Set Q17: Table 4.17(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Dissimilar	Inferior palpebral creases are dissimilar, more spread apart on the known. Unknown has a faint nasion crease, not found on the known.
3UFTE6	Inconclusive	
44J8XH	Unable To Compare	
474EX6	Dissimilar	The wrinkles on the neck are dissimilar.
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Dissimilar	See neck and eyes for descriptions
8BND4V	Dissimilar	Unknown(2) appears to have presence of faint angular nasion crease not visible for Known(1); visible frontal lines visible for Unknown(2) do not appear similar/present for Known(1)
8FHAQ2	Dissimilar	
8T7EYX	Unable To Compare	
9NAAFD	Dissimilar	discussed above in other sections
9WM27B	Dissimilar	frontal lines observed on unknown not observed on known.
A4GTRA	[Not Reported]	Similarities include: Nasion crease Dissimilarities include: (dissimilar in amount and shape) Superior palpebral crease; Inferior palpebral crease; Wrinkles on neck - observed in R, not Q; Frontal lines - observed in Q, not R (limited); Periorbital lines - observed in Q, not R (limited) Not comparable: (not observed or obstructed in one or both images) Vertical glabellar; Lateral nasal lines; Bifid nose crease; Infraorbital crease; Circumoral striae; Mentolabial sulcus; Nasolabial crease; Marionette lines; Cleft chin; Buccal creases; Other creases
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Forehead/glabella lines. Lines around eyes. Lines on lower neck
AE2ZQY	Not Applicable	
AQVDNB	Dissimilar	
BF6CMR	Unable To Compare	
BGVPT	Similar	Both have similar superior palpebral creases over both eyes
BVKBTR	Dissimilar	lines around eyes are different.
BYKLN	Inconclusive	
CBAKDA	Dissimilar	
D2JEW	Dissimilar	

Image Set Q17: Table 4.17(o) - Facial Lines

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Lines under eyes appear different in number and position.
E2YXFT	Dissimilar	Creases under the eyes and on upper eyelids do not match, a single-line superior palpebral crease on known images, whereas double creases on unknown image, lines on the neck do not match
E7JQ38	Dissimilar	Dissimilar palpebral creases length and position, visibility and prominence of neck creases.
E9D7GU	Dissimilar	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Lines and creases are dissimilar. The Unknown has visible transverse frontal lines, a vertical glabellar line centered between the brows, a nasion crease, and a single (visible) neck crease. The Known has faint vertical lines on the forehead, two vertical glabellar lines near the start of each brow, and several neck creases. The superior and inferior palpebral creases are also dissimilar in placement and number.
FG99H7	Dissimilar	
GM7H34	Not Applicable	
H7ZBPM	Dissimilar	Unknown has a faint forehead creases and vertical glabellar line
HVURP4	Similar	Noted above in the eye section.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	creases in forehead and eye area do not appear consistent
KCVE8G	Dissimilar	previously noted.
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Dissimilar	
MX9NJY	Dissimilar	
NPD6JF	Not Applicable	
PT369V	Dissimilar	
QCV8PW	Not Applicable	None other than described above
QFUJLW	[Not Reported]	Discussed earlier
QKRZZB	Dissimilar	The inferior palpebral crease of the probe and candidate do not line up with each other. The superior palpebral creases also show some dissimilarities between the probe and candidate. Frontal lines on the forehead of the probe does not appear on the forehead of the candidate.
QT8L8U	Dissimilar	Both have a crease at the nasal root, however, the unknown has an added mark above the crease that is not visible on the known.
QY9X6C	Not Applicable	

Image Set Q17: Table 4.17(o) - Facial Lines

WebCode	Observation	Feature Notes
RJB49C	Unable To Compare	Not visible on unknown candidate. Face covered with mask.
RTFBMC	Dissimilar	limited to eyes/forehead areas
T9A37R	Dissimilar	Known has vertical glabellar line.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Dissimilar	
U67NZD	Inconclusive	
U8BE68	Dissimilar	mentioned in the forehead and eyes sections of this comparison
UGXDTR	Inconclusive	nothing additional to those annotated above, but unable to fully assess due to mask on unknown
VGDWFB	Unable To Compare	
WK96YB	Inconclusive	
X2TF24	Dissimilar	Previously mentioned
Z9L8L3	Dissimilar	Facial lines around the eyes are different.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q17 Facial Lines			Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	3 (5.0%)	
	Dissimilar	35 (58.3%)	
	Inconclusive	5 (8.3%)	
	Unable to Compare	8 (13.3%)	
	Not Applicable	9 (15.0%)	

Image Set Q17: Table 4.17(p) - Scars

WebCode	Observation	Feature Notes
2EKB7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Dissimilar	scar above unknown left eye of unknown not observed on known.
A4GTRA	[Not Reported]	Dissimilarities include: (may be due to differences in image quality, lighting and makeup in Q & R) Possible scarring observed above nasion crease in Q - not observed in R
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Unknown has a small mark above left sup palp laterally.
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Not Applicable	
BGVPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEV	Not Applicable	
D3D3DQ	Dissimilar	Possible scar observed on unknown's forehead and between the eyes, not observed on known.
E2YXFT	Not Applicable	
E7JQ38	Dissimilar	Unknown: scar on left upper eyelid not visible in the Known.

Image Set Q17: Table 4.17(p) - Scars

WebCode	Observation	Feature Notes
E9D7GU	Inconclusive	
E9YHHN	Not Applicable	
EYNFWN	Unable To Compare	Known has faint scars on cheeks and possibly on the right side of the forehead.
FG99H7	Unable To Compare	
GM7H34	Dissimilar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	none visible
QFUJLW	Unable To Compare	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Dissimilar	Known appears to have a scar/pit over the left eye near the harline.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZZ	Not Applicable	
U8BE68	Not Applicable	

Image Set Q17: Table 4.17(p) - Scars

WebCode	Observation	Feature Notes
UGXDTR	Inconclusive	nothing additional to those annotated above, but unable to fully assess due to mask on unknown
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Appears may be a scar in middle of forehead in U, not visible in K, may be scar on left periorbital eyelid of U, not visible in K
Z9L8L3	Dissimilar	Scar on known's forehead on the left side. Not observed in the unknown.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q17 Scars		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	1 (1.6%)	
Dissimilar	9 (14.8%)	
Inconclusive	4 (6.6%)	
Unable to Compare	7 (11.5%)	
Not Applicable	40 (65.6%)	

Image Set Q17: Table 4.17(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Dissimilar	Facial mark on the left side of the unknown's forehead, not found on the known.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Dissimilar	
6VNPYY	Inconclusive	Unknown has a faint potential facial mark on right side of forehead above the eye. No facial marks noted on known.
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Dissimilar	both have marks on foreheads in different positions and different colorations
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Dissimilarities include: (may be due to image artefacts/quality, makeup or transient marks in Q & R) Possible facial marks on L forehead (three in mid-L region in R1, one mid-L and one upper L in Q1); Possible facial mark on R nasal root, adjacent to R medial canthus in Q1, not observed in R1
A8F4MA	Not Applicable	
A9BMPB	Dissimilar	Unknown: left upper eyelid laterally. To the right of right lateral canthus. Forehead, laterally left side
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Similar	same location for mark on forehead
BGZVPT	Not Applicable	None noticed.
BVKBTR	Inconclusive	mark in eye socket of right eye on nose seems more defined on unknown barely visible on known if it is.
BYKLNK	Dissimilar	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Dissimilar	Facial mark above right eye of unknown not observed in known.

Image Set Q17: Table 4.17(q) - Facial Marks

WebCode	Observation	Feature Notes
E2YXFT	Not Applicable	
E7JQ38	Unable To Compare	Facial marks not observed or insufficiently resolved for assessment in the Known.
E9D7GU	Dissimilar	
E9YHHN	Not Applicable	
EYNFWN	Dissimilar	Unknown has one mark above and one mark lateral to the right eye, and one mark above the right brow near the hairline. Unknown has a medium-dark mark above left eye that is not similar to the faint marks on the Known's forehead.
FG99H7	Dissimilar	
GM7H34	Dissimilar	
H7ZBPM	Dissimilar	Unknown has a dark patch on the forehead above the left eye. Known has 2 faint dark patches in the middle of the forehead
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Dissimilar	marks on neck and forehead do not appear consistent
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Unable To Compare	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Dissimilar	
NPD6JF	Not Applicable	
PT369V	Dissimilar	
QCV8PW	Dissimilar	There appears to be some marks on both subjects but not in the same location.
QFUJLW	Not Applicable	Discussed earlier
QKRZZB	Dissimilar	Facial marks on the forehead of the probe and candidate do not line up with each other.
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Inconclusive	Marks on forehead are dissimilar. No other marks visible.
RTFBMC	Dissimilar	limited to eye/forehead area
T9A37R	Dissimilar	Known has several freckles/age spots on the forehead.

Image Set Q17: Table 4.17(q) - Facial Marks

WebCode	Observation	Feature Notes
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67NZD	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Inconclusive	nothing additional to those annotated above, but unable to fully assess due to mask on unknown
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Facial marks on foreheads of both, dissimilar shape/quantity/location; mark outside corner of right lateral canthus in U, not visible in K
Z9L8L3	Inconclusive	Not many facial marks observed. The ones that are present are different.
ZCKK6L	Dissimilar	previously discussed

Features Observations Response Summary - Q17 Facial Marks		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	2 (3.3%)
	Dissimilar	21 (34.4%)
	Inconclusive	7 (11.5%)
	Unable to Compare	5 (8.2%)
	Not Applicable	26 (42.6%)

Image Set Q17: Table 4.17(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	lighting, face mask
2XLVQ2	Inconclusive	Unknown is wearing a face mask.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	[Not Reported]	Unknown(2) is wearing face mask
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	light- face mask
9NAAFD	Dissimilar	unknow has mask as mentioned above whereas known does not
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Similarities include: Possible makeup observed in Q & R
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Unable To Compare	Unknown has a surgical mask on from eyes down
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Unable To Compare	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No alterations observed.
E2YXFT	Dissimilar	Pierced ears on known image, face mask on unknown image
E7JQ38	Not Applicable	Alterations not observed.
E9D7GU	Dissimilar	

Image Set Q17: Table 4.17(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	[Not Reported]	Unknown is wearing a mask. Both faces are wearing makeup.
FG99H7	Unable To Compare	
GM7H34	Not Applicable	
H7ZBPM	[No observations reported for this feature.]	
HVURP4	Dissimilar	Unknown image has a mask covering most of the face - from under eyes down, while the known is not wearing a mask.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	hair style, mask wearing
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Unable To Compare	K has ears pierced.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Wearing mask
PT369V	Not Applicable	
QCV8PW	Dissimilar	Face covering on the unknown.
QFUJLW	[Not Reported]	Unknown is wearing a mask. Both have eyebrows shaped
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Unknown has mask on
RJB49C	Not Applicable	
RTFBMC	Inconclusive	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Dissimilar	unknown is wearing a mask

Image Set Q17: Table 4.17(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Unable To Compare	
WK96YB	Not Applicable	
X2TF24	Dissimilar	Both appear to be wearing eye makeup, appears dissimilar; K may also have makeup on eyebrows not visible in U
Z9L8L3	Unable To Compare	
ZCKK6L	Dissimilar	unknown is wearing a face mask and known is wearing makeup

Features Observations Response Summary - Q17 Alterations		Total Participants: 54
	<u>Response</u>	<u>Percent Reported</u>
	Similar	1 (1.9%)
	Dissimilar	13 (24.1%)
	Inconclusive	3 (5.6%)
	Unable to Compare	6 (11.1%)
	Not Applicable	31 (57.4%)

Image Set Q17: Table 4.17(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, compression, resolution and other imaging conditions.
E7JQ38	Limitations	NotApplicable	Image quality, make-up and occlusion (mask, earrings and hair).
EYNFWN	lighting	Dissimilar	Dissimilar lighting
PT369V	mask	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Both frontal images, unknown has a slight head tilt

Detailed Feature Observations

TABLE 4 - Image Set Q18

Image Set Q18: Table 4.18(a) - Skin

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Tone of the skin is similar. Knowns skin is smoother, possibly due to the use of makeup.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The skin tone is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects are pale light skinned females.
8BND4V	Similar	appears to have similar skin tone; skin texture appears similar
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar tone and texture in both, luminance on forehead and cheeks is also similar
9WM27B	Similar	skin color, texture, and tone is similar.
A4GTRA	[Not Reported]	Similarities include: Overall skin appearance: texture, tone
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar pale shade, texture
BGVPT	Similar	Similar in complexion and color.
BVKBTR	Not Applicable	
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Skin color appears similar.
E2YXFT	Similar	Similar texture

Image Set Q18: Table 4.18(a) - Skin

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar skin tone and texture.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar tone/texture
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar texture, tone and luminence
HVURP4	Similar	Similar coloring/texture and shadowing.
J4778Z	Similar	color and texture appear similar
JEFCV2	Similar	lighting affects color in unknown image, similar redness/depressions throughout both images
KCVE8G	Similar	KNOWN AND UNKNOWN: have consistent light colored skin with a pale yellow tone. The skin is similar in texture and appears to be slightly potted. Both subjects appear to be the same age/no age difference.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have light skin with similar facial markings and blemishes. K has makeup on.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to have a similar light skin tone with moderately textured skin.
QFUJLW	Similar	Similar in light color
QKRZZB	Similar	Skin tones appear to be similar between the probe and candidate.
QT8L8U	Similar	texture and coloring appear similar
QY9X6C	Similar	Tone is brighter in the unknown but that's due to lighting/makeup, texture appears to be smoother in the known due to makeup covering some of the texture
RJB49C	Similar	Skin is similar in texture and color.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	

Image Set Q18: Table 4.18(a) - Skin

WebCode	Observation	Feature Notes
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	skin tone and texture appear to be similar
UGXDTR	Similar	similar skin tone, luminance and texture
VGDWFB	Similar	Luminance and color
WK96YB	Similar	
X2TF24	Similar	Skin appears similar in overall tone/texture/luminance
Z9L8L3	Similar	Similar skin - very light/pale
ZCKK6L	Similar	uneven texture and fair complexion is similar; acne scarring is similar in appearance and distribution; highlighting and shadowing on the contours of the face are similar, indicating that the underlying musculature and bone structure is similar

Features Observations Response Summary - Q18 Skin		Total Participants: 62
Response	Percent Reported	
Similar	60 (96.8%)	
Dissimilar	0 (0.0%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.2%)	

Image Set Q18: Table 4.18(b) - Face/Head Outline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Head is rounded on known and unknown. Overall size of the head is similar.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The facial shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a rounded square head
8BND4V	Similar	similar shape to face/head outline
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	both have similar round head shapes
9WM27B	Similar	overall head / face shape is similar.
A4GTRA	[Not Reported]	Similarities include: Overall shape of the face Not comparable: (due to obstructions in one or both images) Shape of the cranial vault
A8F4MA	Similar	overall shape of face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar round shape
BGVZPT	Similar	Both have a rounded facial outline. Unknown may be slightly fuller
BVKBTR	Similar	similar shape of face, edge of face.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Outline appears similar.
E2YXFT	Similar	Similar headshape
E7JQ38	Similar	Similar overall shape of the face.
E9D7GU	Similar	

Image Set Q18: Table 4.18(b) - Face/Head Outline

WebCode	Observation	Feature Notes
E9YHHN	Similar	
EYNFWN	Similar	similar shape
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Both have a more round face
HVURP4	Similar	Face/composition is similar in that the features are consistent in location within the two images.
J4778Z	Similar	head shape is similar
JEFCV2	Similar	
KCVE8G	Similar	KNOWN AND UNKNOWN: have a consistent wide, round contour, consistent placement of features. Features are consistent in size, weight and symmetry.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have rounder faces with a slightly squared jawline.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The face/head outline appears to be similar with a thinner cranial vault, wider cheek area, and a squared lower portion.
QFUJLW	Similar	Outline is similar in round shape.
QKRZZB	Similar	The probe and candidate have a circular face outline.
QT8L8U	Similar	Head obstructed by hair, facial outline appears similar
QY9X6C	Similar	Shape is similar, size is similar, width is similar, both have a round face that is similar
RJB49C	Similar	Similar round-shaped head/face.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	general shape and size of the face appears to be similar between subjects

Image Set Q18: Table 4.18(b) - Face/Head Outline

WebCode	Observation	Feature Notes
UGXDTR	Similar	similar overall facial shape; similar cranial vault shape and contour
VGDWFB	Similar	Overall shape of face
WK96YB	Similar	
X2TF24	Similar	Overall shape of face appears similar and shape of cranial vault
Z9L8L3	Similar	Both have rounder faces
ZCKK6L	Similar	round shape, width, and fullness is similar

Features Observations Response Summary - Q18 Face/Head Outline			Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	60 (96.8%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	0 (0.0%)	
	Unable to Compare	0 (0.0%)	
	Not Applicable	2 (3.2%)	

Image Set Q18: Table 4.18(c) - Face/Head Composition

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	[Not Reported]	Nose to mouth distance is closer on the known, possibly due to the difference in expressions.
3UFTE6	Similar	
44J8XH	Not Applicable	
474EX6	Similar	The proportions and overall distance of eye, nose, mouth relative to each other is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Features are spaced similarly on both subjects.
8BND4V	[Not Reported]	intercanthal distance appears similar; distance from nasal tip to upper lip appears slightly shorter for Known(1) than Unknown(2) which can be due to angle difference of head and expression difference
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	features are in similar positions relative to the other features in known and unknown
9WM27B	Similar	facial composition is similar; spacing between placement of facial features is similar.
A4GTRA	[Not Reported]	Similarities include: Approximate width of nose relative to eye distances; Approximate distance from nose to upper lip relative to face length; Approximate distance from chin to lower lip relative to face length; Eye position relative to face length Dissimilarities include: (may be due to differences in expression and pose in Q & R) Approximate width of mouth relative to eye distances; Approximate width of nose relative to mouth Not comparable: (due to obstructions in one or both images) Ear position relative to eyes, nose, and mouth
A8F4MA	Similar	Proportions/position of features on face
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	eyes, nose and mouth in same proportion
BGZVPT	Similar	Both are similar in setting.
BVKBTR	Similar	similar positions.
BYKLNK	Similar	
CBAKDA	Similar	

Image Set Q18: Table 4.18(c) - Face/Head Composition

WebCode	Observation	Feature Notes
D2JEVW	Similar	
D3D3DQ	Similar	Composition appears similar.
E2YXFT	Similar	Relative distances between facial features seem similar
E7JQ38	Similar	Similar inner triangle placement.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar placement and spacing of features
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Facial features in both are in the same relative position and size.
HVURP4	Similar	With the small portion visible on the known due to hair being pulled back away from the face, hair texture and color appears consistent. Hair growth pattern across the top of the forehead as well as off center widows peak appear consistent.
J4778Z	Similar	facial composition similar
JEFCV2	Similar	change in facial expression may effect some- nose/mouth area
KCVE8G	Similar	KNOWN AND UNKNOWN: The features are placed similarly and consistently on the face.
KRVGN	Similar	
KZ6KVM	Dissimilar	
LYMV82	Similar	Both have similar feature spacing and placement.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The features of the face appear to have a similar vertical and horizontal alignment with some asymmetry in common.
QFUJLW	Similar	Features on the face are very similarly placed. The nose is placed in a similar location relative to the eyes and mouth. Mouth is placed in a similar location between the chin and nose.
QKRZZB	Similar	The features of the face appear to be centralized on the face between the probe and candidate. The intercanthal distance of the eyes appears to be similar between the probe and candidate.
QT8L8U	Similar	Head obstructed by hair. Facial composition appears similar

Image Set Q18: Table 4.18(c) - Face/Head Composition

WebCode	Observation	Feature Notes
QY9X6C	Similar	Distance between eyes is similar, distance from eyes to mouth is similar, distance from nose to mouth is similar, distance from mouth to chin is similar
RJB49C	[No observations reported for this feature.]	
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	relative shape and size of face features appear to be similar
UGXDTR	Similar	similar overall size and proportion of the facial features to one another; similar location of eyes with the left eye appearing to sit slightly lower on the face than the right eye
VGDWFB	Similar	
WK96YB	Similar	
X2TF24	Similar	Facial features appear similar in relationship to one another in relation to length of face
Z9L8L3	Similar	Similar composition
ZCKK6L	Similar	configuration, alignment, and size of the visible facial features are consistent with respect to each other and their location on the face; width of the nose similarly aligns with the medial canthi

Features Observations Response Summary - Q18 Face/Head Composition		Total Participants: 57
Response	Percent Reported	
Similar	54 (94.7%)	
Dissimilar	1 (1.8%)	
Inconclusive	0 (0.0%)	
Unable to Compare	0 (0.0%)	
Not Applicable	2 (3.5%)	

Image Set Q18: Table 4.18(d) - Hair

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Style of the hair is different, known appears to be pulled back. Tone of the unknowns is lighter, similar light strip in the front towards the left side.. Similar part towards the right side.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The hair color is slightly dissimilar, but the hair texture is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Inconclusive	Both subjects have blonde hair. Known hair is pulled back in a ponytail exposing more of the darker root color, hair is curly around the frame of the face. Unknown hair is long, worn down exposing more the blonde color. Unknown hair is wavy.
8BND4V	Similar	both appear to have similar hair texture; Known(1) appears to have slightly darker shade to hair color than Unknown(2) which can be due to sun exposure/lighting/dyes; Known(1) has hair pulled back while Unknown(2) has hair loose; both appear to have similar shape to visible forehead hairline with similar parting
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar color and texture, similar frontal hairline curvature, known has hair back and unknown has hair down but lay of hair in front is similar
9WM27B	Similar	Hair color, texture, style, length appears similar. Hairline appears similar. Natural part / cowlick (front) appears similar.
A4GTRA	[Not Reported]	Similarities include: Hair: shape/spatial distribution (mid-cranium), texture, symmetry (mid-cranium), tonality; Forehead hairline: shape (visible portions); Hairline right side: shape Dissimilarities include: (may be due to differences in styling in Q & R) Hair: shape/spatial distribution (L/R sides-cranium), density Not comparable: (due to obstructions in one or both images) Hairline left side: shape; Cranial baldness pattern: shape, distribution - not observed
A8F4MA	Similar	Forehead hairline, Hairline right side
A9BMPB	Similar	Seems different, but probably treated. Same growth pattern.
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	same blonde color, texture. widow's peak in both
BGZVPT	Similar	Similar in color and texture; Knowns hair appears to be pulled back in a bun
BVKBTR	Similar	hair line the same.

Image Set Q18: Table 4.18(d) - Hair

WebCode	Observation	Feature Notes
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Hairline is similar and texture appears similar. Color is a little different.
E2YXFT	Similar	Similar texture
E7JQ38	Similar	Similar hair tone, texture, part and hairline.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar color/texture/density; similar hair parting to right of widow's peak
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Similar texture. Known has slightly darker hair possibly due to dying. Both have wispy hair
HVURP4	Similar	Width and length do appear consistent. Distance from brow to top of hair line appears consistent. Consistent markings on the left side of the forehead.
J4778Z	Similar	similar in color even with different styles
JEFCV2	Similar	part similar in location, hair appears lighter in unknown image, different hairstyles between images
KCVE8G	Similar	KNOWN AND UNKNOWN: have consistent curvature of the hairline that parts to the left side of the head and has a sharp angle downward in the center of the hairline at a widow's peak. The hair of both is equal in light to medium color. There is short, light, wispy hairs that curl around the sides of known's hairline. The known image has the hair pulled back on the sides of the head. Both appear to have long, slightly wavy hair.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have lighter hair and a similar part and growth pattern.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The hair color appears to be lighter on the unknown however that could be due to hairstyle/lighting. The hair texture appears to be similar with a different hairstyle. The hairline appears to have a similar widows peak and the hair part is similar.
QFUJLW	Dissimilar	Not similar in color but similar in texture.

Image Set Q18: Table 4.18(d) - Hair

WebCode	Observation	Feature Notes
QKRZZB	Similar	Hair texture and color between the probe and candidate appear to be similar. The hairline of the probe and candidate appear to be consistent as well.
QT8L8U	Similar	Hair texture and coloring appears similar. Hairline in the front and along the right side appears similar.
QY9X6C	Similar	Hair is pulled back in the known and down in the unknown, part is in the same location, texture is similar, hairline is similar around the top of forehead, the right side is covered in the unknown due to hair being down
RJB49C	Similar	Consistent color and style (parted at the same location), though known's hair is pulled back and unknown's is down.
RTFBMC	Similar	different style, similar hairline
T9A37R	Similar	Hairline is similar with offset widow's peak.
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	hair differs in style - the color and texture appears to be similar - hair line around the forehead appears to be similar
UGXDTR	Similar	similar hair color with both having light brown/dirty blonde hair; similar hair texture and fullness; similar forehead hairline shape, with a widow's peak or irregular growth across the forehead; different hair style with the hair pulled back in the known vs down in the unknown
VGDWFB	Similar	Forehead hairline, texture and symmetry
WK96YB	Similar	
X2TF24	Similar	Hair appears similar in texture/variation in color; right side hairline appears similar in shape; widow's peak appears similar in shape/location; style appears dissimilar
Z9L8L3	Similar	Hair is dirty blonde, part is in same area.
ZCKK6L	Similar	hairline shape, widow's peak shape, size, and location, thickness, and growth pattern/ distribution (specifically the manner in which the baby hairs curl and are positioned) is consistent; color is dissimilar, as the known's is darker whereas the unknown's is blonder, but this can be attributed to the known's hair being pulled back causing the roots to be more prominent/exposed or due to grooming or sun exposure differences, as the unknown's appears to be highlighted; the part is similarly located above the middle of the right brow

Features Observations Response Summary - Q18 Hair		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	58 (93.5%)
	Dissimilar	1 (1.6%)
	Inconclusive	2 (3.2%)
	Unable to Compare	0 (0.0%)
	Not Applicable	1 (1.6%)

Image Set Q18: Table 4.18(e) - Forehead

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Protrusion of the forehead is similar. Shape and length of the forehead is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The length of the forehead and the forehead hairline is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Forehead shape and size is similar, especially around hairline. Three small facial marks forming a triangle on the right side are visible on both subjects.
8BND4V	Similar	similar relative width/height of forehead
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar size and shape, similar contour in middle and around brow ridges
9WM27B	Similar	Forehead is similar in shape, width, height, and slope.
A4GTRA	[Not Reported]	Similarities include: Forehead shape: relative height, slope/contour Not comparable: (due to obstructions in one or both images) Forehead shape: relative width; Brow ridges: prominence, continuity
A8F4MA	Similar	Forehead shape
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar length from nose to hairline
BGVZPT	Similar	Both have a large forehead with no marks, scars, or lines.
BVKBTR	Similar	similar forehead shape. no forehead lines on either.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Marks on forehead appear similar.
E2YXFT	Similar	Similar hairline, shape and size

Image Set Q18: Table 4.18(e) - Forehead

WebCode	Observation	Feature Notes
E7JQ38	Similar	Similar forehead height, width and brow ridge.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar size/shape
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Similar size and shape. Neither have forehead creases. Both have similar hairlines where the forehead is higher on the right side.
HVURP4	Similar	Width and length do appear consistent. Distance from brow to top of hair line appears consistent. Consistent markings on the left side of the forehead.
J4778Z	Similar	similar size, and shape and hairline
JEFCV2	Similar	multiple marks similar in location, coloring, and relationship, hairline similar, angular
KCVE8G	Similar	KNOWN AND UNKNOWN: foreheads are consistent in width, shape, contour, structure and height. Mostly free of any fine details, markings, lines or scars.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have a small widows pear, part the hair on the R side and have a smooth forehead with no visible frontal lines. Both have three faint facial markings on L side of forehead in common.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The forehead appears to have a similar height and width with no remarkable features on either subject.
QFUJLW	Similar	Similar in width/length/shape.
QKRZZB	Similar	The shape of the forehead between the probe and candidate appears to be similar. The length and width of the forehead looks to be consistent between the two images. The protrusion of the brow ridge looks to be similar between the probe and candidate.
QT8L8U	Similar	height of the forehead appears similar. Full width is not visible in the unknown due to obstruction of hair. Brow ridge in both appears very flat.
QY9X6C	Similar	Width and height is similar, marks on forehead are similar in location, brow ridge is similar
RJB49C	Similar	Forehead shape is consistent, including distance from hairline to eyebrows. A freckle above the left eye at the outer corner is also consistent on both.

Image Set Q18: Table 4.18(e) - Forehead

WebCode	Observation	Feature Notes
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	the shape and size of the forehead appears to be consistent - facial marks appear to be similar between both subjects
UGXDTR	Similar	similar relative forehead height; similar brow ridge prominence; similar various facial marks in prominence, shape and relative location; similar lack of frontal lines or other creases
VGDWFB	Similar	Relative height, Relative width
WK96YB	Similar	
X2TF24	Similar	Forehead appears similar in relative height and width; similar in slope; facial marks on forehead appear similar in location/size/shape/color; brow ridges appear similar in prominence
Z9L8L3	Similar	No creases observed on forehead. A few moles are the same, size and area in both
ZCKK6L	Similar	relatively flat contour, smooth musculature, shape, width, and short height is similar; marks scattered throughout the entirety are similar in small size, reddish color, shape, and distribution

Features Observations Response Summary - Q18 Forehead		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	62 (100.0%)
	Dissimilar	0 (0.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q18: Table 4.18(f) - Eyebrows

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Knowns eyebrows are mostly covered. Tails appear to end in similar locations. Distance from the eyes are similar.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Unable To Compare	The eyebrow cannot be compared due to the eyeglasses covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Similar	
6VNPYY	Inconclusive	Known is wearing glasses that partially obscure the eyebrows. Both subjects have eyebrows that are darker in color than the blonde hair, thin in shape, and have a similar curve to them.
8BND4V	[Not Reported]	difficult to compare much of eyebrows as eyebrows are partially covered by glasses for Known(1); what is visible of lower curve toward lateral ends of right/left eyebrows appears similar
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	unable to see much of known's brows due to glasses, but what is visible is similar to unknown in position above eyes and similar curvatures in both brows
9WM27B	Similar	Color, Grooming, Growth Pattern, density and distribution are similar.
A4GTRA	[Not Reported]	Similarities include: (limited due to partial obstruction by glasses) Shape; Size; Position; Density of hair; Asymmetry - R eyebrow sits higher than L - observed in Q & R Not comparable: (due to obstructions in one or both images) Conjoined; Hair details
A8F4MA	Similar	Right and left eyebrow
A9BMPB	Unable To Compare	Hidden behind glasses
AE2ZQY	Unable To Compare	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar shape and length/width
BGVPT	Unable To Compare	Known is blocked by glasses
BVKBTR	Similar	similar eyebrow shape and position. Slightly covered by glasses on known.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	

Image Set Q18: Table 4.18(f) - Eyebrows

WebCode	Observation	Feature Notes
D3D3DQ	Dissimilar	Known's eyebrows appear similar, but she is also wearing makeup and glasses.
E2YXFT	Unable To Compare	
E7JQ38	Similar	Similar eyebrow general shape and placement.
E9D7GU	Inconclusive	
E9YHHN	Similar	
EYNFWN	Similar	similar shape/length/hair density/spacing from eyes; glasses in Known covering some of brow area
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Hard to compare due to the known wearing glasses. Both appear to be similar in color and shape.
HVURP4	Similar	Similar in color and shape. Above the right brow is a consistent shadowing/mark.
J4778Z	Similar	even with glasses, the color, growth appear consistent.
JEFCV2	Similar	similar in coloring and shape, some medial area obscured by glasses
KCVE8G	Similar	KNOWN AND UNKNOWN: have consistent light to medium colored eyebrows with consistent growth pattern. The eyebrows also appear consistent in length from the inner corner to the tail/end near the lateral canthus and shape across the brow ridge.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Unable To Compare	K has glasses on
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	
PT369V	Similar	
QCV8PW	Similar	The eyebrows appear to have a similar dark coloration and arched contour. The lateral portion of the brows appear to have a similar distance from the lateral canthi on both subjects. The brows may be similarly asymmetric however due to the glasses on the known it is unclear.
QFUJLW	Similar	Similar in size/shape/color.
QKRZZB	Similar	From what can be compared on the candidate due to the glasses worn, it can be seen that the growth pattern of the eyebrows appears to be similar between the probe and candidate. The thickness of the eyebrows appears to be similar as well.
QT8L8U	Similar	Coloring appears similar, but not fully visible in known due to glasses

Image Set Q18: Table 4.18(f) - Eyebrows

WebCode	Observation	Feature Notes
QY9X6C	Similar	Color is similar, shape is similar, distance to eyes is similar, texture is similar
RJB49C	Similar	Known candidate's eyebrows are somewhat obscured. The visible portion is of the sme length, style and thickness as unknown.
RTFBMC	Unable To Compare	glasses create partial obstruction unable to fully compare
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Inconclusive	
U67Nzd	Inconclusive	
U8BE68	Unable To Compare	eyebrows of the known are covered by eyeglasses
UGXDTR	Similar	difficult to fully compare due to glasses covering in known; similar overall shape and differing areas of fullness of growth with more thickness towards the medial ends vs the lateral ends
VGDWFB	Unable To Compare	
WK96YB	Inconclusive	
X2TF24	Similar	Eyebrows appear similar in shape/size/thickness/angle from what is visible under glasses in K; right eyebrow appears to sit slightly higher than left
Z9L8L3	Unable To Compare	Eyebrows obscured by glasses in known.
ZCKK6L	Similar	dark color, thinness, length, and rounded shape is consistent; approx. distance above the eyes and distance from the lateral ends to the lateral corners of the eyes is similar

Features Observations Response Summary - Q18 Eyebrows		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	38 (62.3%)
	Dissimilar	1 (1.6%)
	Inconclusive	10 (16.4%)
	Unable to Compare	12 (19.7%)
	Not Applicable	0 (0.0%)

Image Set Q18: Table 4.18(g) - Eyes

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Inconclusive	
2XLVQ2	Similar	Shape of the eyes are similar. Left and right medial canthus have a similar shape. Prominence of the upper eyelid is similar. Known has black wings on the upper part of the eyelid and corners, possibly makeup.
3UFTE6	Inconclusive	
44J8XH	Similar	
474EX6	Dissimilar	The eye size is dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Known is wearing make that makes the eyelashes more visible and longer. The overall shape of the eyes and the lines around the eyes are similar in both subjects.
8BND4V	Similar	Known(1) has darker makeup around eyes than Unknown(2); Known(1) is wearing glasses; overall eye outline appears similar; right/left medial canthi appear to have similar shape/angle
8FHAQ2	Similar	
8T7EYX	Inconclusive	
9NAAFD	Similar	similar position at which they sit on face, similar medial canthus shapes, similar interpupillary distance
9WM27B	Similar	Some obstruction due to glasses, however, intercanthal distance appears consistent, medial canthus' appear similar in shape and slope, overall eye fissure appears similar, eye color difficult to compare due to squinting and lighting in known photo, visibility of upper eyelids appears consistent. Inferior palpebral creases appear consistent (R and L).
A4GTRA	[Not Reported]	Similarities include: Intercanthal distance; Interpupillary distance; Eye fissure opening: shape, angle; Upper eyelid: prominence, protrusion, visibility of superior palpebral crease (medially); Lower eyelid: prominence, protrusion, visibility of inferior palpebral crease; Eyeball prominence; Iris: position relative to eye opening; Medial canthus: caruncle, shape, angle; Lateral canthus: shape, angle; Asymmetry - R medial canthus sits slightly higher than L Dissimilarities include: (may be due to differences in expression and obstructions such as makeup in Q & R) Upper eyelid: position in relation to iris/pupil; Lower eyelid: visibility of the infraorbital furrow, position in relation to iris/pupil; Sclera: visibility; Iris: visibility, diameter relative to eye opening Not comparable: (due to image quality in one or both images) Upper/lower eyelid: lash characteristics; Iris: irregularity of iris - not observed
A8F4MA	Similar	Intercanthal distance, Right and left eye fissure opening (outline), Right and left upper eyelid, Right and left lower eyelid, Right and left eye medial canthus, Right and left eye lateral canthus
A9BMPB	Similar	Makeup and glasses, otherwise similar.
AE2ZQY	Inconclusive	
AQVDNB	Similar	

Image Set Q18: Table 4.18(g) - Eyes

WebCode	Observation	Feature Notes
BF6CMR	Similar	similar shape
BGZVPT	Similar	Similar in size and shape
BVKBTR	Similar	similar eye shape and position, known has more makeup.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Left eye of unknown appears a little lower than right eye which is dissimilar to the known may be due to expression.
E2YXFT	Similar	Shape and size seems similar despite makeup on known image
E7JQ38	Similar	Similar eye shape, angle, upper and lower eyelid and medial canthus.
E9D7GU	Similar	
E9YHHN	Inconclusive	
EYNFWN	Similar	Known is wearing eyeliner; similar shape and size, similar slight upward tilt at lateral canthi
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Distance between the eyebrow and the pupil are similar between both pictures. Both have a superior palpebral crease and more elongated medial canthus
HVURP4	Similar	Similar in almond shape. The shape of the canthus and the placement in relation to the bridge of the nose is also consistent. There are a few small creases/wrinkle's and coloration/shadowing under the eyes that are consistent as well. The upper lid is thin and the crease is consistent.
J4778Z	Similar	the medial and lateral canthi and distance between the eye appear consistent
JEFCV2	Similar	make up in known, creases appear similar in location and dept, especially below the eye
KCVE8G	Similar	KNOWN AND UNKNOWN: Known image is wearing glasses but the corrective lenses are not obstructing all of the details contained around the eyes. Despite having different expressions between the two images, the creases at the corners and contour of known and unknown's upper and lower eye lids are consistent shape, size and contour. Both have similar light eye color. The intercanthal distance, outer canthal distance, palpebral fissure length, lateral canthus and medial canthus are all consistent in size, shape, and contour. The lower eyelid creases are consistent in placement, shape and length.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Inconclusive	Both appear to have light colored eyes. K has heavy eye makeup obscuring creases and lines above the eyes. Lid size appears consistent in both.

Image Set Q18: Table 4.18(g) - Eyes

WebCode	Observation	Feature Notes
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The eyes appear to have a similar contour and pointed medial canthi. The lashes appear to be darker and longer on the known however this is likely due to makeup/alteration. The left eyes appear to be more medial in both subjects. The lateral canthi are higher than the medial in both subjects.
QFUJLW	Similar	Similar in shape/size/location. Superior palpebral crease is similar in size/shape/location. Inferior palpebral crease is similar in location/size. Medial canthus is similar in size/shape.
QKRZZB	Similar	The overall shape of the eyes appears to be similar between the probe and candidate. The shape of the medial left and right canthus looks to be similar as well.
QT8L8U	Similar	Medial canthus of the left and right eyes, eye projection, inner corner eye difference, lower eyelids of the both the right and left, and start of the superior palpebral crease on the inner corners of the both eyes appear similar. Known has makeup on changing the appearance of the upper eyelid.
QY9X6C	Similar	Shape is similar, size appears to be smaller in the known due to expression/makeup, more of the eyelids are visible in the unknown due to expression, more of the sclera is visible due to expression, medial canthus is similar in shape/size, lateral canthus is similar, inferior palpebral creases are similar, lower eyelid is similar
RJB49C	Similar	The eyes of both candidates are consistent, to include the folds over the left eye and creases under.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Inconclusive	
U8BE68	Similar	general shape of the eyes appear the be consistent - creases and indentations around the eyes are consistent between subjects
UGXDTR	Similar	similar green eye color; similar iris size and relative location; similar eye depth within the orbit; similar overall eye shape and size; similar medial and lateral canthus shape and prominence; similar shape, contour and prominence of the superior and inferior palpebral creases
VGDWFB	Similar	Asymmetry between right and left eyes
WK96YB	Inconclusive	

Image Set Q18: Table 4.18(g) - Eyes

WebCode	Observation	Feature Notes
X2TF24	Similar	Eyes appear similar in overall shape; appears larger in size on U, may be due to expression/makeup; shape of medial canthi appear similar; eyeballs appear more prominent in U; superior palpebral creases appear similar in shape and prominence; upper eyelids appear larger in U, may be due to eyeliner on K; intercanthal distance and interpupillary distance appears similar; inferior palpebral creases appear similar in shape, more prominent in K, may be due to expression; iris color appears lighter than pupils in both, darker in K, may be due to lighting; periorbital eyelids appear similar in size/protrusion
Z9L8L3	Similar	Eyelid crease is similar. Known's left eye appears to be blue, but unknown's are green
ZCKK6L	Similar	approx. intercanthal distance is consistent; degree of hoodedness is similar, however the known's appear to be completely hooded but that can be attributed to the application of eyeliner; curved shape and prominence of the superior palpebral crease is similar; shape, small size, and slightly slanted alignment of the eyes is consistent; known's fissure opening is smaller but this can be attributed to the smiling expression displayed; pointed shape and size of the medial canthi is similar; sloping shape, length, prominence, and location of the inferior palpebral creases is consistent; unknown has prominent infraorbital creases and bags visible, whereas the known doesn't but this can be attributed to the glare of the glasses or application of makeup

Features Observations Response Summary - Q18 Eyes		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	52 (83.9%)
	Dissimilar	2 (3.2%)
	Inconclusive	8 (12.9%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q18: Table 4.18(h) - Cheeks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Fullness of the cheeks are similar. Dimple on the knowns left cheek, only can see a discoloration in that area on the unknown possibly due to the difference in expressions.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Dissimilar	The cheek size and the dimples are dissimilar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have full cheeks. Known has a smile expression, making her cheeks more pronounced.
8BND4V	Similar	shape/fullness of cheeks appear similar; dimple visible on Known(1) is more prominent due to smiling expression
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar cheek shapes and sizes, similar contouring in both cheeks
9WM27B	Similar	height and fullness of cheeks is similar.
A4GTRA	[Not Reported]	Similarities include: (for visible portions) Cheekbone prominence; Cheek shape Dissimilarities include: (may be due to differences in expression in Q & R) Dimple in L cheek (possible slight dimple in R cheek) - observed in R not Q
A8F4MA	Similar	Right and left cheekbone
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar roundness, dimple
BGZVPT	Similar	Both are full in shape with the same complexion and color. Known has slightly
BVKBTR	Similar	similar shapes.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Dissimilar	Known's cheeks are more full.

Image Set Q18: Table 4.18(h) - Cheeks

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar chubby cheeks, despite cheek dimple on the left side of the face due to facial expression difference on known image
E7JQ38	Dissimilar	Dissimilar cheek prominence.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	difference in expression is giving an expected difference in cheek appearance; overall shape and width is similar, similar left dimple
FG99H7	Similar	
GM7H34	Unable To Compare	
H7ZBPM	Similar	Similar cheek bone prominence. Both cheeks are smooth without creases. Both have a freckle on the right cheek near the side of the face.
HVURP4	Similar	Similar in width and puffiness of the apple area. There is a consistent mark on the upper left cheek. There is a dimple viewable on the known image, and an indentation in the same location of the unknown image. Due to expression change, the dimple is not visible in the same way that it is on the unknown image. The nasal lines that extend from the bridge of the nose and runs along the cheeks are also consistent in length and placement. The marionette lines that extend down the chin region appear consistent in location. On the left lower cheek there is a large mark that is consistent.
J4778Z	Similar	appears consistent
JEFCV2	Similar	multiple marks in similar location, color relationship in both images, crease from lip to cheek similar on right side, dimple in left cheek similar in both images
KCVE8G	Similar	KNOWN AND UNKNOWN: have consistent shape, weight and fullness. Both have full, round cheeks with high cheekbones and there is a dimple on the left cheek that is consistent in placement on both known and unknown.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have high pronounced zygomatic bones with hollows towards lower cheek. Both have several facial markings in common.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The cheeks appear to have a similar shaping with indentions on the lateral portions. The cheeks appear to be fuller on the known however this is likely due to the change in expression. There appears to be a dimple on the left of both subjects.
QFUJLW	Similar	Similar in size/shape/location/fullness.

Image Set Q18: Table 4.18(h) - Cheeks

WebCode	Observation	Feature Notes
QKRZZB	Similar	The fullness of the cheeks appears to be consistent between the probe and candidate.
QT8L8U	Similar	Placement of the soft tissue, dimple placement on the left cheek, and height of the cheek bones appear similar
QY9X6C	Similar	Marks throughout the unknown cheeks are visible but not all are visible in the known due to makeup, there are some that are visible and are similar in location, known appears to be fuller in the known due to expression, dimples are visible in the known due to expression, length of cheeks are similar
RJB49C	Similar	Both candidates cheeks are full and thick with consistent nasal folds, similar freckles and a dimple on the left cheek.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	cheeks appear to be similar in fullness and shape with the consideration of the expression difference
UGXDTR	Similar	similar fullness to the cheeks despite the difference in expression; similar dimples on both the left and right lower cheeks in a similar location with similar prominence; similar various facial marks in shape, prominence and relative location
VGDWFB	Similar	Cheekbone
WK96YB	Similar	
X2TF24	Similar	Cheekbones appear similar in prominence; cheek shape appears similar; fullness appears similar; dimple present in K deeper than presence in U, similar location, may be due to expression that it looks more prominent
Z9L8L3	[Not Reported]	Cheeks are round and similar.
ZCKK6L	Similar	shape, large size, fullness, and prominence and roundedness of the cheekbones is consistent; acne scarring is similarly distributed throughout the cheeks; known has distinct dimples present, whereas the unknown doesn't, but this can be attributed to the expression difference

Features Observations Response Summary - Q18 Cheeks		Total Participants: 61
Response	Percent Reported	
Similar	57 (93.4%)	
Dissimilar	3 (4.9%)	
Inconclusive	0 (0.0%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q18: Table 4.18(i) - Nose

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Knowns nose appears to be wider, possibly due to the difference in expressions. Length on the nasal body is similar. Thickness of the columella is similar.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The nose shape is dissimilar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Both subjects have a skinny, small nose, with the tip of the nose coming down further than the nostrils.
8BND4V	Similar	similar shape/curve of left/right nostrils; appears to have similar width of columella; thickness of alae appears similar; width of nasal base of Known(1) appears slightly wider than nasal base of Unknown(2) which can be due to the expression difference
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar length and width down through body, similar nostril, ala and nasal tip shapes
9WM27B	Similar	Overall nose shape appears similar. Shape and thickness of columella appears similar. width of nasal base appears similar. thickness and shape of alae appears similar. length and width of nasal body appears similar. shape of nostrils as well as where nostrils connect to nasal base appears similar.
A4GTRA	[Not Reported]	Similarities include: (for visible portions only) Nasal outline: shape, length, prominence; Nasal body: width, length, shape, angle, contour; Nasal tip: shape, angle; Nasal base: width; Nasal alae: thickness; Nostrils: shape; Columella: width, length, relative position; Asymmetry - L nasal ala sits higher than R, nasal base angled upwards towards subject's L - observed in Q & R Dissimilarities include: (may be due to differences in expression in Q & R) Nasal outline: width; Nasal base: height; Nasal alae: shape; Nostrils: size Not comparable: (due to obstructions and image quality in one or both images) Nasal root: width, shape, depth, angle; Nostrils: hair
A8F4MA	Similar	Nasal outline, Nasal root (bridge), Nasal body, Nasal tip, Nasal base, Nasal base: alae (wings of nose), Nasal base: nostrils (nasal openings), Nasal base: columella (soft tissue between nostrils)
A9BMPB	Similar	Some perceived differences
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	similar length, width, nostrils
BGVPT	Similar	Similar in size and shape. Unknown looks a little thinner

Image Set Q18: Table 4.18(i) - Nose

WebCode	Observation	Feature Notes
BVKBTR	Similar	similar nose shape, seems smaller on unknown perhaps due to glasses.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Dissimilar	Nose of unknown appears thinner than the known.
E2YXFT	Similar	Despite facial expression difference, nasal body and base seems similar
E7JQ38	Similar	Similar nasal body and nose tip.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Dissimilar	similar length; base of nose appears wider in Known, nostrils appear wider due to broad smile.
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have similar thickness alas and a slight bend to the nasal body. Known has a slightly wider nasal base which is probably due to her smiling.
HVURP4	Similar	Similar in length and width of the bridge of the nose. The small nostrils are also consistent with a consistent light shading/dimple on each nostril. The boxiness of the tip of the nose is also consistent.
J4778Z	Similar	thin, shape and tip appear consistent even when smiling/expression change
JEFCV2	Similar	nostril column similar shape and curvature into nostrils, appears wider in known image but may be due to expression difference
KCVE8G	Similar	KNOWN AND UNKNOWN: noses are consistent in length, shape and width from the root to the tip. The nasal ridge is free of marks, scars, lumps and/or discolorations. The columella is consistent in shape and narrow width. The ala are also consistent in size, shape, placement. Both have a pointy nose. The appearance of the nose is small in relationship to the overall size of the face in both known and unknown images. The nasolabial folds are consistent
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have small, narrow noses. Nasal root is not comparable due to K's glasses.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	

Image Set Q18: Table 4.18(i) - Nose

WebCode	Observation	Feature Notes
QCV8PW	Similar	The nasal root is obstructed by the glasses on the known. The nasal body appears to have a similar angled shaping. The nasal base appears to have a similar shaping but wider on the known however this is likely due to change in expression. The columella has a similar thickness and angle.
QFUJLW	Similar	Nasal body is similar in width/length/shape. Nasal tip is similar in shape. Ala is similar in size/shape
QKRZZB	Similar	The shape of the nasal body appears to be similar between the probe and candidate. The length and width of the nasal body appears to be similar between the probe and candidate. The shape of the columella as well as the thickness looks to be similar between the two images. The thickness of the alae appears to be similar.
QT8L8U	Similar	nasal base width, thickness of the columella, thickness of the alae, shape of the nasal tip, thickness and line of the nasal body all appear similar.
QY9X6C	Similar	Nasal base appears wider in the known due to expression, nostril shapes appears larger due to expression, columella is similar, length of nose is similar, nasal root is covered by glasses in the known, bridge of nose is redder in the unknown due to lighting/no makeup in unknown, nasolabial folds are similar – deeper in the known due to expression
RJB49C	Similar	The noses of both candidates show narrowness from the bridge to the tip with a columella that extends well below the nostrils.
RTFBMC	Similar	
T9A37R	Similar	
TLDKJC	Inconclusive	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Inconclusive	nose appears to differ in shape which can be explained by the difference in expression - same thing can be said for the nasolabial folds
UGXDTR	Similar	similar nasal root and bridge width; the known's nasal tip appears slightly wider, but difference would be consistent with expression difference; nasal alae shape and attachment appears similar; similar prominence and shape to nasal tip; known's nostril size appears slightly larger, but difference is consistent with expression difference; similar columella width; similar overall size of the nose
VGDWFB	Similar	Nasal tip symmetry, Nostrils
WK96YB	Similar	
X2TF24	Similar	Nasal body appears similar in shape/length/size; nasal tip appears similar in shape and size; alae appear similar in shape and thickness; columella appears similar in width; nostrils appear wider in K, more rounded in U, may be due to expression; nasolabial folds appear similar in angle/location, however more prominent in K, may be due to expression
Z9L8L3	Dissimilar	Nose in unknown appears thinner and the nasal base not as wide as in known. This could be due to camera angle

Image Set Q18: Table 4.18(i) - Nose

WebCode	Observation	Feature Notes
ZCKK6L	Similar	overall shape, degree of protrusion, and small size is similar, however the known's appears to be slightly larger, but this could be attributed the pose difference and the glasses drawing attention to the nose; nasal root narrowness, straight shape, and short length is similar; rounded shape of the nasal tip, shape of the columella, curved ala shape and thickness, and rounded shape, alignment, and small size of the nostrils is consistent; nasolabial folds are similar in shape, length, and close proximity to the mouth, however the knowns are more prominent due to the smiling expression displayed

Features Observations Response Summary - Q18 Nose		Total Participants: 62
	<u>Response</u>	<u>Percent Reported</u>
	Similar	55 (88.7%)
	Dissimilar	4 (6.5%)
	Inconclusive	3 (4.8%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q18: Table 4.18(j) - Ears

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Unable To Compare	
2XLVQ2	Unable To Compare	Unable to compare, not visible on the unknown.
3UFTE6	Unable To Compare	
44J8XH	Unable To Compare	
474EX6	Unable To Compare	The ears cannot be compared due to the hair covering it.
4EKVRZ	Unable To Compare	
4NN6W4	Inconclusive	
6VNPYY	Unable To Compare	Known right ear is visible. Unknown ears are covered by the hair.
8BND4V	Unable To Compare	Unable to compare details of the ears due to ears not being visible for Unknown(2)
8FHAQ2	Unable To Compare	
8T7EYX	Unable To Compare	
9NAAFD	Unable To Compare	unable to see ears of unknown to compare
9WM27B	Unable To Compare	Obstructed, unable to compare.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions to both ears in one or both images) Asymmetry; Ear protrusion; Overall ear: size, shape angle; Helix: size, shape; Tubercles: size, shape, quantity; Antihelix: size, shape; Crura of antihelix: size, shape; Triangular fossa: size, shape; Crus of helix: size, shape; Scaphoid fossa: size, shape; Concha: size, shape; Tragus: size, shape, protrusion; Antitragus: size, shape, protrusion; Intertragic notch: size, shape; Anterior knob: size, shape; Anterior notch: size, shape; Posterior auricular furrow: size, shape; Lobe: size, shape, attachment; Abnormalities
A8F4MA	Not Applicable	
A9BMPB	Unable To Compare	
AE2ZQY	Unable To Compare	
AQVDNB	Unable To Compare	
BF6CMR	Unable To Compare	
BGVZPT	Unable To Compare	Unknown is hidden by hair
BVKBTR	Unable To Compare	covered on unknown with hair.
BYKLNK	Unable To Compare	
CBAKDA	Similar	
D2JEVV	Unable To Compare	

Image Set Q18: Table 4.18(j) - Ears

WebCode	Observation	Feature Notes
D3D3DQ	Unable To Compare	Unknown's hair covers her ears. Unable to compare.
E2YXFT	Unable To Compare	
E7JQ38	Unable To Compare	Ears not visible in the Unknown due to occlusion.
E9D7GU	Inconclusive	
E9YHHN	Unable To Compare	
EYNFWN	Unable To Compare	Unknown's ear are covered by hair, unable to compare
FG99H7	Unable To Compare	
GM7H34	Unable To Compare	
H7ZBPM	Unable To Compare	
HVURP4	Not Applicable	None in common with which to compare.
J4778Z	Unable To Compare	
JEFCV2	Unable To Compare	ears not visible for comparison either due to angle of known or hair in unknown
KCVE8G	Unable To Compare	not visible in unknown image.
KRVGN	Unable To Compare	
KZ6KVM	Unable To Compare	
LYMV82	Unable To Compare	Unk's hair covers them.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Unable To Compare	
PT369V	Unable To Compare	
QCV8PW	Unable To Compare	not able to be compared due to hairstyle
QFUJLW	Unable To Compare	
QKRZZB	Unable To Compare	Ears cannot be compared due to the hair covering the ears on the probe.
QT8L8U	Unable To Compare	
QY9X6C	Unable To Compare	Unknown ears are covered due to hair therefore cannot be compared
RJB49C	Unable To Compare	Not visible on unknown candidate, due to hair covering them. Only left ear visible on known.
RTFBMC	Unable To Compare	hair covers ears
T9A37R	Unable To Compare	Unknown ears obstructed by hair.
TLDKJC	Unable To Compare	

Image Set Q18: Table 4.18(j) - Ears

WebCode	Observation	Feature Notes
TQ9EET	Unable To Compare	
U67NZZ	Unable To Compare	
U8BE68	Unable To Compare	not visible on unknown
UGXDTR	Unable To Compare	unable to compare due to unknown having hair covering
VGDWFB	Unable To Compare	
WK96YB	Unable To Compare	
X2TF24	Unable To Compare	
Z9L8L3	Unable To Compare	Ears covered by hair in unknown
ZCKK6L	Unable To Compare	due to the complete coverage by the unknown's hair

Features Observations Response Summary - Q18 Ears		Total Participants: 62
<u>Response</u>	<u>Percent Reported</u>	
Similar	1 (1.6%)	
Dissimilar	0 (0.0%)	
Inconclusive	2 (3.2%)	
Unable to Compare	55 (88.7%)	
Not Applicable	4 (6.5%)	

Image Set Q18: Table 4.18(k) - Mouth

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Known is smiling showing teeth, unknown is not. Fullness of the lips are similar. Tone of the lips are similar. Can see a faint philtrum on the unknown, not visible on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The lip shape and fullness is similar.
4EKVRZ	Similar	
4NN6W4	Dissimilar	
6VNPYY	Similar	Known has an open mouth smile exposing upper teeth and stretching the lips/ mouth. The overall ratio of fullness between upper and bottom lips is similar between both subjects (upper lip is slightly thinner than bottom lip). Cupids bow is low and wide on both subjects.
8BND4V	Similar	Known(1) has mouth open and teeth visible in smiling expression while Unknown(2) has more neutral expression with mouth closed; follows similar curve of lower lip and both appear to have similar shape/curve to upper lip and cupid's bow, slightly longer in appearance for Known(1) due to smiling expression
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar lip sizes and shapes, similar fissure, similar mouth ends
9WM27B	Similar	expression difference considered in comparison. overall shape of mouth is similar. upper vermillion boarder shape is similar. thickness and protrusion of both upper and lower lip is similar. Mento labial sulcus placement and depth is similar.
A4GTRA	[Not Reported]	Similarities include: Upper lip: shape, upper vermillion border shape; Lower lip: shape, fullness, protrusion, lower vermillion border shape; Asymmetry - mouth slants slightly upwards towards subject's L - observed in Q & R Dissimilarities include: (may be due to differences in expression in Q & R) Philtrum: prominence, width of ridges, width of furrow; Overall mouth: shape; Upper lip: fullness, protrusion Not comparable: (due to image quality, pose and expression in one or both images) Upper/lower lip: detail; Lip fissure: shape, degree of contact, angle; Dental occlusion: symmetry, degree of contact; Gnathism: expression, degree; Characteristic detail of teeth: shape, size, alignment/position, condition; Mouth abnormalities - not observed
A8F4MA	Similar	Overall mouth, Upper lip, Lower lip
A9BMPB	Similar	expression
AE2ZQY	Inconclusive	
AQVDNB	Similar	
BF6CMR	Similar	both have thin lips

Image Set Q18: Table 4.18(k) - Mouth

WebCode	Observation	Feature Notes
BGZVPT	Similar	Known is smiling but mouth appears similar in shape
BVKBTR	Similar	mouth edges similar, expression makes it harder to compare, lips same lines, and similar fullness.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Lip shape appears similar.
E2YXFT	Similar	Similar despite facial expression difference
E7JQ38	Inconclusive	Similar upper lip fullness and tone. Dissimilar lower lip fullness and cupid's bow.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar lip color, shape, and fullness. similar darker vermilion border, but unsure if this is lipliner. Similar philtrum, similar spacing between lower lip and sulcus
FG99H7	Inconclusive	
GM7H34	Similar	
H7ZBPM	Similar	hard to compare due to known smiling. Both that similar thickness in bottom lip. Both have nasolabial creases that connect to the corners of the mouth.
HVURP4	Similar	Similar upturn at the edges of the. The thickness of the upper and lower lips is consistent. The distance from tip of the nose to the upper lip appear similar. The outer edge of the lips appears consistent in lined/coloration.
J4778Z	Similar	thin upper lip, general mouth and lip shape appear consistent.
JEFCV2	Similar	varying expressions, upper lip thins towards right side at same thickness/angle, similar crease coming off lip
KCVE8G	[Not Reported]	KNOWN AND UNKNOWN: Known image has an open smile exposing the teeth and candidate has a closed mouth, lips together, neutral facial expression. The width of the mouth from corner to corner appears consistent. The size and width of the lower lip of both known and unknown are consistent. The lip fissures appear similar in shape and length. The lower vermilion border has a consistent contour
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Difference in expression. Both have faint facial markings above R side of upper lip and have shallow nasolabial creases.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Unable To Compare	

Image Set Q18: Table 4.18(k) - Mouth

WebCode	Observation	Feature Notes
PT369V	Similar	
QCV8PW	Similar	The mouth appears to have a similar asymmetry with the left side being higher. The lips appear to have a similar coloration with a light inner portion and darker outer portion. The contour of the fissure and the upper/lower vermillion borders appear to be consistent. The length of the philtrum appears to be similar.
QFUJLW	Similar	Unknown's hair is covering his hair.
QKRZZB	Similar	The fullness of the upper and lower lips looks to be similar between the probe and candidate. The overall shape of the mouth could be similar between the probe and candidate but with the expression difference it cannot be said for certain.
QT8L8U	Similar	Thickness of the upper and lower lips, upper and lower vermillion borders, fissure, and the mentolabial sulcus
QY9X6C	Similar	Mouth is open with teeth showing in the known due to expression, unknown mouth is closed with a neutral expression, marionette lines are similar, vermillion border is similar in bottom lip, lip thickness is similar, philtrum is similar
RJB49C	Similar	The mouths of both candidates are consistent with thin lips, a slight dip at the middle of the upper lip and noticable folds at the corners.
RTFBMC	Similar	difference in expression
T9A37R	Similar	Similar upper vermillion boarder/cupid's bow.
TLDKJC	Inconclusive	
TQ9EET	Inconclusive	
U67NZD	Similar	
U8BE68	Similar	general shape of the vermillion border appears to be similar - thickness of the lips appears to be similar
UGXDTR	Similar	similar overall size of the mouth; similar fullness and shape of the upper lip with flat alae and relative wide distance between; similar distance between the upper lip and nose with the distance being shorter in the known, but consistent with expression difference; similar prominence and width of the philtrum; similar symmetrical shape of the lip fissure; similarly located and prominent creases on the lower lip
VGDWFB	Similar	Upper lip and lower lip, lower vermillion border ,mentolabial sulcus
WK96YB	Similar	
X2TF24	Similar	Distance from nasal base to upper lip appears longer on U, may be due to expression; philtrum appears similar in width and shape, more prominent in U, may be due to expression; upper vermillion border appears similar, fullness of upper lip appears similar, fuller on right side than left in both upper lip of U and K; lower lip appears fuller in U, may be due to expression, similar in texture/shape; shape of lower vermillion border similar; mentolabial sulcus appears similar in size/depth/shape/location
Z9L8L3	Similar	Thin upper lip in both with a more fuller bottom lip. Slight cupid's bow

Image Set Q18: Table 4.18(k) - Mouth

WebCode	Observation	Feature Notes
ZCKK6L	Similar	shape and size are similar, however the known's is wider, but this can be attributed to the smiling expression stretching the mouth; shape of the upper and lower vermillion borders, lip fullness, and pink lip color is consistent; Erlenmeyer flask shape, side, and depth of the philtrum is consistent; thickness below the lower lip is similar; mentolabial sulcus is similar in short length, curved shape, and prominence; marionette lines are similar in shape, size, and prominence

Features Observations Response Summary - Q18 Mouth		Total Participants: 61
<u>Response</u>	<u>Percent Reported</u>	
Similar	54 (88.5%)	
Dissimilar	1 (1.6%)	
Inconclusive	5 (8.2%)	
Unable to Compare	1 (1.6%)	
Not Applicable	0 (0.0%)	

Image Set Q18: Table 4.18(I) - Chin/Jawline

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Curvature of the chin is rounded on known and unknown. Mentolabial sulcus has a similar prominence.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The chin shape is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a small round protruding chin and a round/ square jaw line.
8BND4V	Similar	similar shape of chin; both appear to have similar curve of jawline
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar roundedness and curvature of jawlines, chin shape is similar, chin protrusion is similar,
9WM27B	Similar	bulbous chin appears similar in both images. with of chin and gonial angle is similar.
A4GTRA	[Not Reported]	Similarities include: Chin: overall shape, length, width relative of rest of face, details; Jawline: shape, definition; Gonial angle: shape, definition; Asymmetry - chin sits slightly to L of subject's midline - observed in Q & R Dissimilarities include: (may be due to differences in pose and lighting in Q & R) Chin: prominence
A8F4MA	Similar	Chin, jawline
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Similar	
BF6CMR	Similar	similar shape, round chin, same jaw angle
BGZVPT	Similar	Jawline and chin are similar in shape; Unknown is a little more heavy which causes the chin to be a little more rounded.
BVKBTR	Similar	similar shape of chin and jawline.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEVW	Similar	
D3D3DQ	Similar	Chin of known appears more pointed but that may be due to expression. Marks on chin and jawline appears similar.

Image Set Q18: Table 4.18(I) - Chin/Jawline

WebCode	Observation	Feature Notes
E2YXFT	Similar	Similar jawline and chin
E7JQ38	Similar	Similar chin shape and jawline angle.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Both have a rounder jaw line and a prominent chin. The distance between the bottom lip and the chin is similar
HVURP4	Similar	Similar in shape and width. The distance from the bottom lip to the chin is similar. The placement of the labiomandibular crease is consistent. There are two markings on the right side of the chin/jaw area that are in the same location.
J4778Z	Similar	
JEFCV2	Similar	similar shape and curvature, small crease
KCVE8G	[Not Reported]	KNOWN AND UNKNOWN: There is similar weight and fullness under the chin. The chin and jawline is consistent in size, contour and shape. There is a small, faint mark directly below the dimple on the left cheek along the jawline that is consistent on both known and unknown images. The gonial angle is consistent.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have a small rounded chin with several facial markings and blemishes in common, jawline is heavy or fleshy.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The chin appears to have a similar rounded shaping. The unknown appears to have a fuller neck/wattle than the known but this could be due to changes in weight. Given the weight change the jaw appears to have a similar shaping.
QFUJLW	Similar	Chin is similar in size/shape. Jawline is similar in size/shape/contour. Gonial angle is similar in shape. There are multiple facial markings present that are similar in size/shape/location
QKRZZB	Similar	The contour of the jawline appears to be similar between the probe and candidate. The shape of the chin looks to be similar as well.
QT8L8U	Similar	shape of the chin appears similar.

Image Set Q18: Table 4.18(I) - Chin/Jawline

WebCode	Observation	Feature Notes
QY9X6C	Similar	Length of jawline is similar, chin appears to be pointier in the known due to expression, both protrude outward similarly, marks on the chin are similar, mentolabial sulcus is similar in shape/size
RJB49C	Similar	Both candidates chins and jawlines are similar in shape.
RTFBMC	Similar	difference in expression
T9A37R	Similar	
TLDKJC	Similar	
TQ9EET	Similar	
U67NZD	Similar	
U8BE68	Similar	chin and jawline shape and angle appear to be similar
UGXDTR	Similar	similar shaped and protrusion to the chin; similar jawline shape and prominence; the unknown appears to have a slightly more prominent double chin, but could be consistent with the slight weight difference; similar various facial marks in shape and prominence in similar relative location
VGDWFB	Similar	Mental groove
WK96YB	Similar	
X2TF24	Similar	Chin appears similar in size/shape; jawline appears similar in shape and definition
Z9L8L3	Similar	Chin is small. Jawline is not distinct
ZCKK6L	Similar	curvature and length of the jawline is similar; narrowness, short height, rounded shape and prominence of the chin is similar; both have jowls present that are similar in shape and thickness

Features Observations Response Summary - Q18 Chin/Jawline		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	61 (100.0%)
	Dissimilar	0 (0.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	0 (0.0%)
	Not Applicable	0 (0.0%)

Image Set Q18: Table 4.18(m) - Neck

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Width of the neck appears to be consistent. Length of the neck is similar.
3UFTE6	Similar	
44J8XH	Unable To Compare	
474EX6	Similar	The wrinkles on the neck and the position of the mole on the neck is similar.
4EKVRZ	Similar	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a short neck. Horizontal creases and facial mark (low neck, just right of center) are similar on both subjects.
8BND4V	Similar	similar depth/curve to wrinkles on neck with similar distance between visible wrinkles on neck and in relation to visible small circular mark on neck
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	similar thicknesses, similar neck line positions and curvatures
9WM27B	Similar	Mark toward center of neck is similar in size placement and color. width and length of neck appears similar. observed neck lines appear similar in placement depth and length.
A4GTRA	[Not Reported]	Not comparable: (due to obstructions in one or both images) Overall neck: width, height, details; Laryngeal prominence: shape, size, prominence, location - not observed
A8F4MA	Not Applicable	
A9BMPB	Similar	
AE2ZQY	Similar	
AQVDNB	Inconclusive	
BF6CMR	Similar	similar wrinkle, freckle on both
BGVPT	Similar	Both are similar. There are lines and marks that line up.
BVKBTR	Similar	similar low profile neck.
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	Marks and lines on neck appear similar.
E2YXFT	Similar	Similar neck

Image Set Q18: Table 4.18(m) - Neck

WebCode	Observation	Feature Notes
E7JQ38	Dissimilar	Dissimilar double chin visibility.
E9D7GU	Similar	
E9YHHN	Similar	
EYNFWN	Similar	similar
FG99H7	Similar	
GM7H34	Not Applicable	
H7ZBPM	Similar	Necks are similar in thickness. Both have a freckle in the same position of the neck.
HVURP4	Similar	Appears similar in width. The neck creases also appear consistent in placement. There are 3 marks that are consistent in location and size on the neck.
J4778Z	Similar	mark on the neck is consistent
JEFCV2	Similar	multiple creases and marks similar in location and relationship
KCVE8G	[Not Reported]	KNOWN AND UNKNOWN: full, round and similar in weight. There is a small mark that is located on the lower left side of the neck that is consistent between known and unknown images.
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	Both have two very close set neck lines and several facial markings in common.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The subjects appear to have a similar width and shaping. There are neck wrinkles in common on the lower portion of the neck.
QFUJLW	Similar	Similar in width/length. Some facial markings are similar in size/shape/location. Neck wrinkles are similar in size/shape/quantity
QKRZZB	Similar	Neck wrinkles appear to line up between the probe and candidate.
QT8L8U	Similar	horizontal line at the base of the neck appears similar. Unknown has partial neck obstruction by hair
QY9X6C	Similar	Width is similar, height is similar, marks on neck are similar, neck creases are similar, both have a double chin
RJB49C	Similar	The necks of both are consistent in length, width, and skin texture. A freckle on the neck of known candidate is consistent with that of unknown.
RTFBMC	Similar	
T9A37R	Similar	Both have double neck crease.

Image Set Q18: Table 4.18(m) - Neck

WebCode	Observation	Feature Notes
TLDKJC	Similar	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	relative thickness of the neck appears to be similar - facial marks appear to be similar in the neck region
UGXDTR	Similar	similar overall size/width compare to head; similar prominent neck creases in similar relative location; similar prominent facial mark present in similar relative location
VGDWFB	Similar	Double chin, wrinkles, folds , moles
WK96YB	Similar	
X2TF24	Similar	Neck appears similar in size and shape; similar neck creases and similar facial mark on left side of neck in size/color/shape
Z9L8L3	Similar	Mole observed on neck is in same position and appears similar in both known and unknown
ZCKK6L	Similar	width, short length, and musculature is similar; neck creases at the base of the neck are similar in curved shape, size, prominence; the known has four, darkly pigmented, round facial marks that span from shoulder to shoulder, however only one of these are visible on the unknown, but this can be attributed to shirt and hair coverage

Features Observations Response Summary - Q18 Neck		Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>
	Similar	56 (91.8%)
	Dissimilar	1 (1.6%)
	Inconclusive	1 (1.6%)
	Unable to Compare	1 (1.6%)
	Not Applicable	2 (3.3%)

Image Set Q18: Table 4.18(n) - Facial Hair

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	Unable To Compare	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Similar	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	neither has facial hair
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Facial hair not observed in Q & R
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No facial hair observed.
E2YXFT	Not Applicable	
E7JQ38	Not Applicable	Facial hair not observed.
E9D7GU	Inconclusive	

Image Set Q18: Table 4.18(n) - Facial Hair

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Similar	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Unable To Compare	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Not Applicable	
T9A37R	Similar	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	none observed

Image Set Q18: Table 4.18(n) - Facial Hair

WebCode	Observation	Feature Notes
VGDWFB	Similar	
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Not Applicable	
ZCKK6L	Not Applicable	

Features Observations Response Summary - Q18 Facial Hair			Total Participants: 61
	<u>Response</u>	<u>Percent Reported</u>	
	Similar	5 (8.2%)	
	Dissimilar	0 (0.0%)	
	Inconclusive	1 (1.6%)	
	Unable to Compare	2 (3.3%)	
	Not Applicable	53 (86.9%)	

Image Set Q18: Table 4.18(o) - Facial Lines

WebCode	Observation	Feature Notes
2EKB7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Nasolabial folds have a similar prominence and are found in similar locations. Marionette lines more prominent on the unknown, possibly due to the difference in expressions. Prominent infraorbital creases on the unknown, not found on the known.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The facial lines such as nasolabial fold and wrinkles around the mouth is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Lines from nose to corners of mouth appear similar, even though they are more pronounced on Known due to expression. See above for additional comments.
8BND4V	Similar	what is visible of curve of left/right superior palpebral crease toward medial end appears similar; shape of right/left nasolabial folds appear to have similar start of curve, more prominent for Known(1) than Unknown(2) which can be due to expression difference; similar shape/curve/number of visible wrinkles on neck
8FHAQ2	Similar	
8T7EYX	Similar	
9NAAFD	Similar	nasolabial lines are similar in positions, angles, and curvatures down around mouth
9WM27B	Similar	expression difference considered, explains why buccal crease of known is not visible in known image. nasolabial folds appear similar in placement depth and length. neck lines are noted in neck notes.
A4GTRA	[Not Reported]	Similarities include: Superior palpebral crease (medial end); Inferior palpebral crease; Nasolabial crease; Marionette lines; Mentolabial sulcus; Wrinkles on neck Dissimilarities include: (may be due to obstructions or differences in expression and lighting in Q & R) Infraorbital crease Not comparable: (not observed) Frontal lines; Vertical glabellar; Nasion crease; Lateral nasal lines; Bifid nose crease; Periorbital lines; Superior palpebral crease (lateral end - obstructed); Circumoral striae; Cleft chin; Buccal creases; Other creases
A8F4MA	Similar	Right and left superior palpebral crease, Right and left inferior palpebral crease, Right and left infraorbital creases, Wrinkles on neck
A9BMPB	Similar	Nasolabial. Dimple L cheek. Upper eyelid
AE2ZQY	Not Applicable	
AQVDNB	Similar	
BF6CMR	Similar	marionette lines similar
BGVZPT	Similar	Both have pronounced nasolabial folds and marionette lines

Image Set Q18: Table 4.18(o) - Facial Lines

WebCode	Observation	Feature Notes
BVKBTR	Similar	can make out creases and dimples on both
BYKLNK	Similar	
CBAKDA	Similar	
D2JEV	Similar	
D3D3DQ	Similar	Lines under eyes appear similar. Expressions are different so cannot compare other lines.
E2YXFT	Similar	Naso labial creases as well as lines on the neck seem similar
E7JQ38	Similar	Similar palpebral crease placement and angle, nasolabial attachment and neck creases.
E9D7GU	Similar	
E9YHHN	Not Applicable	
EYNFWN	Similar	nasolabial folds similar, neck lines similar
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Discussed above.
HVURP4	Similar	Noted above.
J4778Z	Not Applicable	
JEFCV2	Similar	similar throughout both images
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Similar	The nasolabial lines appear to have a similar location and shaping on both subjects. The depth of the nasolabial lines appears to be different however this is likely due weight change. The infraorbital lines and inferior palpebral creases appear to have a similar contour on both subjects.
QFUJLW	[Not Reported]	Discussed in other sections
QKRZZB	[Not Reported]	The nasolabial fold of the probe and candidate appears to be similar in length and depth. The left marionette line of the probe and candidate are similar

Image Set Q18: Table 4.18(o) - Facial Lines

WebCode	Observation	Feature Notes
QT8L8U	Similar	Starting point and line of the nasal labial folds, infraorbital creases of the right and left eyes appear similar
QY9X6C	Not Applicable	
RJB49C	Similar	Creases of the neck appear to be consistent between the two. No other unmentioned lines.
RTFBMC	Similar	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	
U67Nzd	Similar	
U8BE68	Similar	mentioned in the eyes and nose sections of this comparison
UGXDTR	Similar	nasolabial folds on the known are more prominent, but are similar in overall shape and length to those in the unknown and difference would be consistent with expression difference
VGDWFB	Similar	Superior palpebral crease nosolabial fold
WK96YB	Similar	
X2TF24	Similar	Previously mentioned
Z9L8L3	Similar	Nasolabial fold is similar in both
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q18 Facial Lines		Total Participants: 58
	<u>Response</u>	<u>Percent Reported</u>
	Similar	52 (89.7%)
	Dissimilar	0 (0.0%)
	Inconclusive	0 (0.0%)
	Unable to Compare	0 (0.0%)
	Not Applicable	6 (10.3%)

Image Set Q18: Table 4.18(p) - Scars

WebCode	Observation	Feature Notes
2EKBP7	Not Applicable	
2KAT63	Not Applicable	
2XLVQ2	Not Applicable	
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Not Applicable	
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Not Applicable	
6VNPYY	Not Applicable	
8BND4V	Not Applicable	
8FHAQ2	Inconclusive	
8T7EYX	Not Applicable	
9NAAFD	Not Applicable	no scars of note
9WM27B	Not Applicable	
A4GTRA	[Not Reported]	Scars not observed in Q & R
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Inconclusive	
BF6CMR	Not Applicable	
BGVZPT	Not Applicable	None noticed.
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Not Applicable	
D3D3DQ	Not Applicable	No definite scars observed.
E2YXFT	Not Applicable	
E7JQ38	Unable To Compare	Scars not observed.
E9D7GU	Inconclusive	

Image Set Q18: Table 4.18(p) - Scars

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	Not Applicable	none noted
FG99H7	Not Applicable	
GM7H34	Not Applicable	
H7ZBPM	Not Applicable	
HVURP4	Not Applicable	
J4778Z	Not Applicable	
JEFCV2	Not Applicable	
KCVE8G	Not Applicable	
KRVVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Not Applicable	None visible.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Not Applicable	
PT369V	Not Applicable	
QCV8PW	Not Applicable	
QFUJLW	Not Applicable	
QKRZZB	Not Applicable	
QT8L8U	Not Applicable	
QY9X6C	Not Applicable	
RJB49C	Similar	There appears to be a scar on the forehead of both in the same position.
RTFBMC	Not Applicable	
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Not Applicable	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Not Applicable	nothing additional to those annotated above

Image Set Q18: Table 4.18(p) - Scars

WebCode	Observation	Feature Notes
VGDWFB	Similar	nothing
WK96YB	Not Applicable	
X2TF24	Not Applicable	
Z9L8L3	Inconclusive	Acne scars observed in unknown, but known appears to have makeup on
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q18 Scars		Total Participants: 60
	<u>Response</u>	<u>Percent Reported</u>
	Similar	4 (6.7%)
	Dissimilar	0 (0.0%)
	Inconclusive	4 (6.7%)
	Unable to Compare	1 (1.7%)
	Not Applicable	51 (85.0%)

Image Set Q18: Table 4.18(q) - Facial Marks

WebCode	Observation	Feature Notes
2EKBP7	Similar	
2KAT63	Similar	
2XLVQ2	Similar	Mark on the left part of the jawline is found on both subjects, more prominent on the unknown possibly due to known wearing makeup. Mark on the neck is consistent. Marks on the right cheek are similar in size and relative locations. Known has marks on the right shoulder, unable to compare, not visible on the unknown.
3UFTE6	Similar	
44J8XH	Similar	
474EX6	Similar	The position of the mole on the neck and acne on the chin is similar.
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects have a facial mark on lower right jaw/ cheek. See above for additional comments.
8BND4V	Similar	similar small circular facial mark toward lower left of chin and toward right side of chin below right lateral corner of mouth; appears to have similar small facial marks on right cheek in relation to one another; similar size/shape of mark on neck visible below neck wrinkles; appears to have similar two small facial marks toward center of forehead in relation to one another, lower mark is more toward left medial end of eyebrow; appears to have similar facial mark on forehead above left eyebrow toward lateral end
8FHAQ2	Similar	the amount and location of nevus are similar
8T7EYX	Similar	
9NAAFD	Similar	both have marks on neck on left jawline and on right cheek in similar positions
9WM27B	Similar	left side of forehead facial mark is similar in size placement and color. lower left cheek, near jawline facial mark is similar in size placement and color.
A4GTRA	[Not Reported]	Similarities include: Corresponding facial marks observed in Q & R - Marks on neck (largest slightly L of midline, smallest slightly to R of midline, mid-sized R upper neck), - Marks on chin (lower L edge of chin, and one R chin below R corner of mouth), - Mark on R cheek (mid-outer edge), - Marks on L cheek (lower-outer edge and one diagonally above), - Marks on forehead (above L mid-eyebrow, one central forehead and one diagonally above) Dissimilarities include: (may be due to transient marks, image quality and lighting or obstructed in R1 by makeup) Several other possible facial marks observed in Q1, not in R1
A8F4MA	Similar	Skin marks on left in neck
A9BMPB	Similar	Several. Neck, L chin, H cheek, 3 marks on forehead
AE2ZQY	Similar	Several marks similar
AQVDNB	Similar	
BF6CMR	Similar	freckle in same place on her left jawline

Image Set Q18: Table 4.18(q) - Facial Marks

WebCode	Observation	Feature Notes
BGZVPT	Similar	Similar brown marks along the neck and chin area
BVKBTR	Similar	marks on neck, mark on right of chin, mark below dimple, mark on right cheek. mark right of nose
BYKLNK	Similar	
CBAKDA	Similar	
D2JEW	Similar	
D3D3DQ	Similar	There are a lot of facial marks in the same position.
E2YXFT	Similar	Moles on cheeks, chin and neck are similarly located
E7JQ38	Similar	Similar marks, blemishes and neck mole.
E9D7GU	Similar	
E9YHHN	Not Applicable	
EYNFWN	Similar	similar marks on right mid-cheek, right chin, left jawline, and lower neck
FG99H7	Similar	
GM7H34	Similar	
H7ZBPM	Similar	Some discussed above. Both have a mark along the left chin line
HVURP4	Similar	Noted above.
J4778Z	Similar	
JEFCV2	Similar	similar throughout both images
KCVE8G	Similar	previously noted
KRVGN	Similar	
KZ6KVM	Similar	
LYMV82	Similar	None other than those previously mentioned.
MMPAFW	Similar	
MX9NJY	Similar	
NPD6JF	Similar	
PT369V	Similar	
QCV8PW	Inconclusive	-There are marks in common on both subjects some of these include; one on the left of the neck, the right lower portion of the chin, lower left cheek, midway on the right cheek lateral from the right nostrils. There are marks that do not appear to be in common, but this could be due to alteration, transience, or quality.
QFUJLW	Similar	Discussed in other sections

Image Set Q18: Table 4.18(q) - Facial Marks

WebCode	Observation	Feature Notes
QKRZZB	Similar	Facial marks present on the neck, forehead, under need the lower lip and lower side of the cheek on both the probe and candidate.
QT8L8U	Similar	The mark on the base of the neck (left side), left side forehead above the brow, left side forehead near the hairline, and right cheek on the soft tissue appear similar.
QY9X6C	Not Applicable	
RJB49C	Not Applicable	
RTFBMC	Similar	
T9A37R	Similar	Both has mole below neck wrinkle/crease. Both have mole on left side of face on lower check.
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Similar	Neck, forehead, right cheek
U67NZD	Similar	
U8BE68	Similar	facial marks can be see throughout both subjects faces, they appear to be similar in shape size and location
UGXDTR	Not Applicable	nothing additional to those annotated above
VGDWFB	Similar	Moles neck , Moles jawline right side
WK96YB	Similar	
X2TF24	Similar	Several facial marks similar in location/size/color/quantity
Z9L8L3	Similar	Moles on face are similar in position, shape and size in both
ZCKK6L	Similar	previously discussed

Features Observations Response Summary - Q18 Facial Marks		Total Participants: 60
Response	Percent Reported	
Similar	55 (91.7%)	
Dissimilar	0 (0.0%)	
Inconclusive	1 (1.7%)	
Unable to Compare	0 (0.0%)	
Not Applicable	4 (6.7%)	

Image Set Q18: Table 4.18(r) - Alterations

WebCode	Observation	Feature Notes
2EKBP7	[No observations reported for this feature.]	
2KAT63	Dissimilar	Different angle, different face expression, different hairstyle.
2XLVQ2	Dissimilar	Known is wearing glasses and possibly makeup.
3UFTE6	Not Applicable	
44J8XH	Not Applicable	
474EX6	Dissimilar	One of the individuals is wearing eyeglasses
4EKVRZ	[No observations reported for this feature.]	
4NN6W4	Similar	
6VNPYY	Similar	Both subjects can be seen wearing earrings.
8BND4V	[Not Reported]	Known(1) appears to have more makeup present on/around the eyes
8FHAQ2	Inconclusive	
8T7EYX	Dissimilar	angle- face expression - hair style
9NAAFD	Not Applicable	no alterations of note
9WM27B	Dissimilar	known appears to be wearing makeup on eyes. known is also wearing glasses, both considered in comparison.
A4GTRA	[Not Reported]	Nil comparable alterations observed in Q & R (due to obstructions)
A8F4MA	Not Applicable	
A9BMPB	Not Applicable	
AE2ZQY	Not Applicable	
AQVDNB	Not Applicable	
BF6CMR	Not Applicable	
BGZVPT	Not Applicable	
BVKBTR	Not Applicable	
BYKLNK	Not Applicable	
CBAKDA	Not Applicable	
D2JEVW	Dissimilar	
D3D3DQ	Dissimilar	Known is wearing makeup while the unknown is not.
E2YXFT	Dissimilar	Earrings on both images, but glasses only on known image
E7JQ38	Unable To Compare	Known: earrings x 2.
E9D7GU	Dissimilar	

Image Set Q18: Table 4.18(r) - Alterations

WebCode	Observation	Feature Notes
E9YHHN	Not Applicable	
EYNFWN	[Not Reported]	Known is wearing glasses and makeup
FG99H7	Inconclusive	
GM7H34	Not Applicable	
H7ZBPM	Similar	Both have their ears pierced
HVURP4	[Not Reported]	Knows hair is pulled back away from the face.
J4778Z	Not Applicable	
JEFCV2	Dissimilar	known image wearing glasses and makeup, different hairstyles, both wearing earrings
KCVE8G	Not Applicable	
KRVGN	Similar	
KZ6KVM	Not Applicable	
LYMV82	Dissimilar	None other than those previously mentioned.
MMPAFW	Not Applicable	
MX9NJY	Not Applicable	
NPD6JF	Dissimilar	Wearing/glasses/hairstyle
PT369V	Dissimilar	facial expression
QCV8PW	Dissimilar	Glasses and makeup on the known. Earrings on both.
QFUJLW	[Not Reported]	Known is wearing glasses and make up
QKRZZB	[No observations reported for this feature.]	
QT8L8U	Not Applicable	
QY9X6C	Dissimilar	Known has makeup on and glasses
RJB49C	Not Applicable	
RTFBMC	Dissimilar	one candidate appears to be wearing face and eye makeup, both dangle earrings
T9A37R	Not Applicable	
TLDKJC	[No observations reported for this feature.]	
TQ9EET	Unable To Compare	
U67Nzd	Not Applicable	
U8BE68	Not Applicable	
UGXDTR	Dissimilar	known is wearing glasses

Image Set Q18: Table 4.18(r) - Alterations

WebCode	Observation	Feature Notes
VGDWFB	Dissimilar	Makeup (eyes)
WK96YB	Not Applicable	
X2TF24	Dissimilar	Makeup present on K, not visible on U
Z9L8L3	[No observations reported for this feature.]	
ZCKK6L	Similar	known is wearing glasses and makeup, both have ears pierced

Features Observations Response Summary - Q18 Alterations		Total Participants: 53
	<u>Response</u>	<u>Percent Reported</u>
	Similar	5 (9.4%)
	Dissimilar	19 (35.8%)
	Inconclusive	2 (3.8%)
	Unable to Compare	2 (3.8%)
	Not Applicable	25 (47.2%)

Image Set Q18: Table 4.18(s) - Other Features

WebCode	Feature	Response	Feature Notes
A4GTRA	Limitations		The limitations of the comparison include but are not limited to: differences in age, pose, expression, lighting, obstruction, compression, resolution and other imaging conditions.
E7JQ38	Limitations	NotApplicable	Perspective distortion, expression, make-up and occlusion (hair and glasses).
PT369V	glasses	Dissimilar	
QY9X6C	Overall Image Quality	Dissimilar	Both frontal good quality images, known appears to be further away from camera, lighting is slightly different

Additional Comments

TABLE 5

WebCode	Additional Comments
4NN6W4	<p>1: What tools did you use to take this test? I used Adobe Photoshop 2024 to take this test. 2: Are the skill sets appropriate for this type of test? Some of the tests in this set appeared to intentionally challenge the test taker with factors such as contacts, heavy cosmetics, and possible age differences. The subjects typically submitted to examiners are not reflective of this test set. While there are instances of significant age differences, forensic facial comparisons usually involve subjects with fewer alterations. 3: Does the quality of the test material meet your lab's standards for testing? If not, where is it lacking? The quality of the test material seemed excessive for a proficiency demonstration. It's rare for an examiner to be asked to perform 20 examinations for a single submission. Typically, an examination would involve a single image or one known image with up to two questioned images. This test set does not align with the usual scope of examinations we handle. 4: How long did it take you to complete this test? It took me a few hours spread over the course of three days to complete this test. 5: Any additional feedback? While this test offered an opportunity to apply scientific methodology, it utilized a different face comparison form and conclusion scale than those typically used in my lab. However, it effectively demonstrated how the "support for" statement can be applied to forensic facial comparisons.</p>
A4GTRA	<p>Each comparison was conducted outside CTS Test Portal. The similar/dissimilar/etc radio buttons in the test portal were not selected, as many of the facial features had a combination of similar/dissimilar/etc features observed. All observations were input into the free text next to each facial feature. The "Other" field was utilized to input the limitations of each comparison. Our agency's conclusion scale is also 5-points and aligns with the conclusion scale used for this proficiency test. For this proficiency test we used our conclusion scale and then translated this to the CTS conclusion scale. Below is our agency's conclusion scale with the corresponding CTS conclusion scale terminology in CAPITAL letters & brackets next to each level. No Support (not the same person): From these images I have formed the opinion that there is No Support for the proposition that the images are of the same person. (STRONG SUPPORT FOR DIFFERENT SOURCE) Limited Support (not the same person): From these images I have formed the opinion that there is Limited Support for the proposition that the images are not of the same person. (SUPPORT FOR DIFFERENT SOURCE) Inconclusive: From these images I have formed the opinion of Inconclusive meaning that there is neither support nor no support for the proposition that the images are of the same person. (INCONCLUSIVE) Limited Support: From these images I have formed the opinion that there is Limited Support for the proposition that the images are of the same person. (SUPPORT FOR COMMON SOURCE) Support: From these images I have formed the opinion that there is Support for the proposition that the images are of the same person. (STRONG SUPPORT FOR COMMON SOURCE).</p>
AE2ZQY	<p>Our comments after discussing the test: Overall a well constructed test. The degree of difficulty felt reasonable. A few things we thought about though was the fact that some of the persons did wear the same necklaces/bags (which feels easy to just remove in a test like this that is for comparison purpose). The other thing is that the answer can be very different depending on how you take the time difference between the pictures into account. For example you can some how explain the differences in number 5 if several years have passed between the pictures. Usually in a casework we know the time difference but here we have to be extra careful in our answers</p>
BGZVPT	<p>#15 - The Known is turned at an angle and partially cut off and the unknown is out of focus. There are some things I like and some things that I don't like. It is difficult for me to make a call. #17 - While there are some similarities, there is not enough information to do an in depth comparison due to the mask on the unknown. If pressed to make a call, I'd lean toward "Support for different source".</p>
E9D7GU	<p>The respondent uses Inconclusive as encompassing the terms UC, NA and INC.</p>
EYNFWN	<p>Comparison 10 and 16 were the most difficult for me. I was originally inconclusive on these before reaching my recorded/submitted decisions.</p>

TABLE 5

WebCode	Additional Comments
H7ZBPM	*It would be nice to see the comparison on the same screen as the facial feature boxes. It's hard to flip between the images and the website to record your answers. *If would be nice to at least have a thumbnail of the comparison on the same screen as the facial feature box to confirm your answers line up with the correct images. It's stressful to think that you could have your answers on the wrong tab on the website. Especially when the image file names don't line up with the comparison number (i.e Comparison 2 is named image 19) *The text boxes are hard to type in because you cannot see all of your text at once. It's hard to proofread what you typed when you have to use the arrow keys to scroll through your response. *website needs to save automatically. I can't tell you the amount of time I lost information because the website timed out.
HVURP4	Suggestions: 1. It would be great if there were thumb nail images viewable at the top of each tab/write up. 2. I would like to be able to view everything I write in the cell with out having to arrow thru. Ideally it would be nice to have one large box and then I could just fill everything in on one cell and it could be easily reviewed. 3. We refer to probe and candidate, not known and unknown.
MMPAFW	All examination findings are recorded in our agency specific workbooks as per local standard operating procedures
QCV8PW	I did not care for this program in it's current state. I think that the images should be visible on the page or perhaps have a button to load without have to download a zip file and open them in a separate program. I didn't enjoy having S,D,U,NA,UC as the only options because there are occasions where an examiner could be talking about both a similarity and dissimilarity at in one text block. The text box was not efficient because you could only see a couple words at a time due to the lack of text wrapping/cell size changing - suggest having all the features closed at the beginning and then when you click on a specific feature a box, like the size of this comment box, drops down. Lack of spellcheck is a minor issue but inconvenient. The program doesn't have a good saving aspect. There should be some kind of autosave feature. Multiple times the program refreshed and information was loss, I can't be sure that this is widespread or the internet at my office. After hearing multiple people say that they lost their entire write up I opted to write my comparisons in a Word document and then copy/paste. I would like to see what the results look like but since this is the first time using this program I cannot speak for those. On this page there is a previous/next button that aren't on the other tabs and don't seem needed - also clicking next doesn't do anything. As for the data set I would like to see more ethnic variation however the addition of face masks was good.
QY9X6C	I wish that we could have a thumbnail of the images when we are typing our details for each feature to make sure we are on the correct comparison. The text doesn't word wrap therefore we can't see what we have typed. Don't like that we have to put simiilar/dissimilar/inc/unable to compare/n/a next to every feature. If we put N/A in the text field it should auto-populate that bubble.
TQ9EET	This test was a good start for face testing. It might be nice to have a button to clear all selections for an individual page, so (for example) if you accidentally pushed a button for the Other category, you could clear all button selections on the page versus the page keeping one of the five buttons in the other selected. Some participants might be confused when one set of the the image label numbers don't match the comparison set number (as happened with comparison set 2 images in this test).
ZCKK6L	This program was not user friendly. Recommend that images remain in test and be viewable in a comparison mode on same page as each write-up. Downloading images was fine, however each comparison should have been paired together rather than the known and unknown images in separate folders. Test should have either saved automatically or at least provided a warning that the session was going to timeout, so that work wasn't lost and users didn't have to interrupt their train of thought to worry about saving. The text boxes should be larger, have word wrap, and spell check incorporated (similar to this page), so that users can see everything they write for each feature. I personally opted to do the entire test in word and then copied and pasted into the test in order to avoid losing work and to see entire writeup as a whole. Shouldn't have to select "S, D, Inc, UC, NA" for each feature. Appreciated that there wasn't a word/character limitation.

-End of Report-
(Appendix may follow)

Test No. 24-5571: Facial Identification Examination

DATA MUST BE SUBMITTED BY **Sept. 30, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: 3A9PEE

Scenario:

The following pairs of digital facial images are in need of a manual comparison. Compare each set of paired images and report your findings using the five-point scale provided.

For this test, you are not limited to conducting only on-screen comparisons. However, because of the difference in printing technologies, CTS cannot guarantee the quality of images you print from the digital media.

Items Submitted (Sample Pack FAID - Digital Download):

Items Q1-Q18: Image sets

To verify a complete and accurate download, the hash value for the downloaded .ZIP file is as follows:

24-5571 Facial Identification Comparisons.zip MD5 hash value: 501bc70ecd470a7139d7bc1e80c07fd8

24-5571 Facial Identification Comparisons.zip SHA1 hash value: 897485091e72350cd1b8e1e043f7ada3a4c5a020

Opinion Scale:

Use this opinion scale adopted from 'OSAC 2022-S-0001 Standard Guide for Image Comparison Opinions' to report your findings on the following pages for each pair of images.

Strong Support for Common Source: observed similar characteristics far outweigh the observed dissimilar characteristics. The nature and level of the observed similarities and dissimilarities in image characteristics are much more probable given the proposition that the images depict the same sources than given the proposition that the images depict two different sources.

Support for Common Source: observed similar characteristics outweigh the observed dissimilar characteristics but are insufficient to reach strong support for common source.

Inconclusive: there is insufficient information to form an opinion of common source or different source.

Support for Different Source: observed dissimilar characteristics outweigh the similar characteristics but are insufficient to reach strong support for different source.

Strong Support for Different Source: observed dissimilar characteristics far outweigh the observed similar characteristics or where no distinctive similarities are observed.

Image Comparison Set Q1

Q1-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q1-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q2

Q2-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q2-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q3

Q3-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q3-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q4

Q4-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q4-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q5

Q5-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q5-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q6

Q6-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q6-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q7

Q7-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Q7-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q8

Q8-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q8-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q9

Q9-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q9-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q10

Q10-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q10-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q11

Q11-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q11-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q12

Q12-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q12-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q13

Q13-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q13-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q14

Q14-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q14-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q15

Q15-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q15-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q16

Q16-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q16-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q17

Q17-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q17-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Image Comparison Set Q18

Q18-1.) Presented below are the 19 facial features referenced in the Standard Guide for Facial Image Comparison Feature List for Morphological Analysis E3141-8. Report your finding for each of the listed features and in the free-form space you may briefly expand on the characteristics of each feature. Observational findings abbreviated below are as follows: S=similar, D=dissimilar, Inc=inconclusive, UC=Unable to Compare, and NA=Not applicable.

Feature Observations

	S	D	Inc	UC	NA	
Skin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Outline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Face/Head Composition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Forehead	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyebrows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Eyes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cheeks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Nose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ears	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mouth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Chin/Jawline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Neck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Hair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Lines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Facial Marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Alterations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Q18-2.) Report your comparison opinion for this pair of images using the scale of opinions offered in the drop-down menu (scale description is found on the first page). If this wording differs from the normal wording of your conclusions, adapt these as best you can and use your preferred wording in the Additional Comments.

Additional Comments

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ANAB and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ANAB and/or A2LA.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety

Authorized Contact Person and Title

Laboratory Name

Location (City/State)