

Supplementary Online Content

Klassen AF, Cano SJ, Schwitzer JA, et al. Development and psychometric validation of the FACE-Q skin, lips, and facial rhytids appearance scales and adverse effect checklists for cosmetic procedures. *JAMA Dermatol*. Published online March 2, 2016. doi:10.1001/jamadermatol.2016.0018.


eTable 1. Content of the FACE-Q Scales and Checklists

eTable 2. RMT Statistical Indicators of Fit

This supplementary material has been provided by the authors to give readers additional information about their work.


eTable 1. Content of the FACE-Q Scales and Checklists

Satisfaction With Skin

				
	Very dissatisfied	Somewhat dissatisfied	Somewhat satisfied	Very satisfied
1. How your facial skin looks at the <u>end of your day</u> ?	1	2	3	4
2. How <u>healthy</u> your facial skin looks?	1	2	3	4
3. How <u>attractive</u> your facial skin makes you look?	1	2	3	4
4. How <u>smooth</u> your facial skin looks?	1	2	3	4
5. How <u>clear</u> your facial skin (complexion) looks?	1	2	3	4
6. How <u>refreshed</u> your facial skin makes you look?	1	2	3	4
7. How <u>hydrated</u> your facial skin looks?	1	2	3	4
8. How your facial skin looks when you first <u>wake up</u> ?	1	2	3	4
9. How <u>radiant</u> your facial skin looks?	1	2	3	4
10. How the <u>tone</u> (color) of your facial skin looks?	1	2	3	4
11. How your <u>pores</u> look?	1	2	3	4
12. How <u>even-colored</u> your facial skin looks?	1	2	3	4


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Satisfaction with Lips

				
	Very dissatisfied	Somewhat dissatisfied	Somewhat satisfied	Very satisfied
1. The shape of your <u>lower lip</u> ?	1	2	3	4
2. How well your lips <u>suit</u> your face?	1	2	3	4
3. How nice your lips look when you <u>smile</u> ?	1	2	3	4
4. How full your <u>lower lip</u> looks?	1	2	3	4
5. The <u>style</u> of your lips (e.g. pouty, natural)?	1	2	3	4
6. The shape of your <u>upper lip</u> ?	1	2	3	4
7. How <u>turned up</u> your upper lip (cupids bow) looks?	1	2	3	4
8. The <u>size</u> of your lips?	1	2	3	4
9. How the outer corners of your lips look when your face is <u>relaxed</u> (still)?	1	2	3	4
10. How full your <u>upper lip</u> looks?	1	2	3	4


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Lines Overall

				
	Not at all	A little	Moderately	Extremely
1. How <u>deep</u> the lines on your face are?	1	2	3	4
2. Lines you see in <u>photos</u> ?	1	2	3	4
3. Lines when your face is <u>relaxed</u> (still)?	1	2	3	4
4. Lines when you <u>smile</u> ?	1	2	3	4
5. The <u>number</u> of lines on your face?	1	2	3	4
6. How <u>noticeable</u> the lines on your face are?	1	2	3	4
7. Lines when you <u>frown</u> ?	1	2	3	4
8. How <u>old</u> the lines on your face make you look?	1	2	3	4
9. Lines you see when you look in the <u>mirror</u> ?	1	2	3	4
10. Lines you see under <u>bright lights</u> ?	1	2	3	4


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Forehead Lines

				
	Not at all	A little	Moderately	Extremely
1. Lines on your forehead when you are <u>talking</u> ?	1	2	3	4
2. Lines on your forehead when your face is <u>relaxed</u> (still)?	1	2	3	4
3. How <u>noticeable</u> the lines on your forehead are?	1	2	3	4
4. How <u>tired</u> your forehead lines make you look?	1	2	3	4
5. How <u>old</u> your forehead lines make you look?	1	2	3	4
6. How <u>deep</u> the lines on your forehead are?	1	2	3	4
7. The <u>number</u> of lines on your forehead?	1	2	3	4


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Lines Between Eyebrows

				
	Not at all	A little	Moderately	Extremely
1. Lines between your eyebrows when your face is <u>relaxed</u> (still)?	1	2	3	4
2. How <u>old</u> the lines between your eyebrows make you look?	1	2	3	4
3. Lines between your eyebrows making you look <u>angry</u> ?	1	2	3	4
4. How <u>noticeable</u> the lines between your eyebrows are?	1	2	3	4
5. How <u>deep</u> the lines between your eyebrows are?	1	2	3	4
6. Lines between your eyebrows when you are <u>concentrating</u> ?	1	2	3	4
7. Lines between your eyebrows when you are <u>frowning</u> ?	1	2	3	4


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Crow's Feet

				
	Not at all	A little	Moderately	Extremely
1. Crow's feet lines when your face is <u>relaxed</u> (still)?	1	2	3	4
2. How <u>noticeable</u> your crow's feet lines are?	1	2	3	4
3. How <u>tired</u> your crow's feet lines make you look?	1	2	3	4
4. The <u>number</u> of crow's feet lines you have?	1	2	3	4
5. How <u>old</u> your crow's feet lines make you look?	1	2	3	4
6. Crow's feet lines when you <u>smile</u> ?	1	2	3	4
7. Crow's feet lines when you <u>squint</u> ?	1	2	3	4


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Lip Lines

				
	Not at all	A little	Moderately	Extremely
1. How the lines around your lips look compared with <u>other people</u> your age?	1	2	3	4
2. How <u>old</u> the lines around your lips make you look?	1	2	3	4
3. How <u>deep</u> the lines around your lips are?	1	2	3	4
4. The <u>number</u> of lines around your lips?	1	2	3	4
5. How <u>noticeable</u> the lines around your lips are?	1	2	3	4
6. How the lines around your lips look when your lips are <u>puckered</u> ?	1	2	3	4


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Marionette Lines

				
	Not at all	A little	Moderately	Extremely
1. How <u>angry</u> your marionette lines make you look?	1	2	3	4
2. How <u>sad</u> your marionette lines make you look?	1	2	3	4
3. How <u>tired</u> your marionette lines make you look?	1	2	3	4
4. How your marionette lines look when your face is <u>relaxed</u> (still)?	1	2	3	4
5. How <u>deep</u> your marionette lines look?	1	2	3	4
6. How <u>old</u> your marionette lines make you look?	1	2	3	4
7. How <u>noticeable</u> your marionette lines are?	1	2	3	4


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Skin Adverse Effects

				
	Not at all	A little	Moderately	Extremely
1. Redness?	1	2	3	4
2. Uneven skin tone (darker and lighter areas)?	1	2	3	4
3. Skin sensitivity (e.g. to sunlight, skin products)?	1	2	3	4
4. Parts of your face looking blotchy?	1	2	3	4
5. Parts of your face not <u>looking</u> smooth?	1	2	3	4
6. Parts of your face not <u>feeling</u> smooth to the touch?	1	2	3	4
7. Tightness?	1	2	3	4
8. Itching?	1	2	3	4
9. Parts of your face looking scarred?	1	2	3	4
10. Burning?	1	2	3	4

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Lips Adverse Effects

				
	Not at all	A little	Moderately	Extremely
1. Your lips not <u>feeling</u> smooth (lumps, bumps)?	1	2	3	4
2. Your lips looking asymmetric (uneven)?	1	2	3	4
3. Your lips not <u>looking</u> smooth (lumps, bumps)?	1	2	3	4
4. Swelling?	1	2	3	4
5. Your lips feeling unnatural?	1	2	3	4
6. Numbness?	1	2	3	4
7. Difficulty moving your lips (e.g. laughing, smiling)?	1	2	3	4
8. Your lips feeling too big?	1	2	3	4

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eTable 2. RMT Statistical Indicators of Fit

Scale	Item	Item location	SE	Fit Residual	Chi-square	P-value
Skin	End of day	-0.63	0.18	0.49	0.49	0.79
	Healthy	-0.58	0.17	-1.99	3.61	0.16
	Attractive	-0.33	0.16	-0.56	1.25	0.54
	Smooth	-0.24	0.17	0.57	0.77	0.68
	Clear	-0.18	0.15	-1.84	0.95	0.62
	Refreshed	-0.16	0.16	-1.70	1.64	0.44
	Hydrated	0.04	0.16	-0.58	0.83	0.66
	Wake up	0.05	0.16	0.67	0.79	0.67
	Radiant	0.26	0.16	-3.22	4.36	0.11
	Tone	0.35	0.15	-0.26	0.38	0.83
	Pores	0.52	0.14	3.40	8.20	0.02
	Even-colored	0.89	0.15	3.64	0.29	0.87
Lips	Shape (bottom)	-0.88	0.08	-2.00	16.09	0.07
	Suit	-0.67	0.08	-3.15	8.08	0.53
	Smile	-0.32	0.08	-1.33	9.03	0.44
	Full (bottom)	-0.18	0.08	-1.67	7.37	0.60
	Style	-0.03	0.08	-2.88	2.37	0.97
	Shape (top)	0.05	0.08	-3.58	7.29	0.61
	Cupids Bow	0.16	0.08	-1.86	4.95	0.83
	Size	0.28	0.08	-3.75	13.26	0.15
	Corners	0.76	0.08	2.39	21.02	0.01
	Full (top)	0.85	0.08	-5.69	18.18	0.03
Lines Overall	Deep	-0.60	0.15	-0.88	3.71	0.16
	Photos	-0.42	0.14	1.34	0.11	0.95
	Relaxed	-0.34	0.15	-1.14	1.10	0.58
	Smile	-0.05	0.15	2.37	1.38	0.50
	Number	-0.01	0.16	-2.69	2.01	0.37
	Noticeable	0.01	0.16	-0.65	0.35	0.84
	Frown	0.02	0.15	2.24	2.88	0.24
	Old	0.25	0.14	0.82	2.71	0.26
	Mirror	0.34	0.16	-1.16	1.13	0.57
Bright Lights	0.80	0.14	-1.04	0.47	0.79	
Forehead Lines	Talking	-0.29	0.16	0.53	0.92	0.63
	Relaxed	-0.20	0.16	0.54	1.84	0.40
	Noticeable	-0.16	0.18	-1.56	4.41	0.11
	Tired	0.00	0.16	-0.24	0.05	0.98
	Old	0.00	0.15	-1.45	0.91	0.64
	Deep	0.03	0.17	-1.64	2.83	0.24
	Number	0.62	0.16	0.58	0.42	0.81
Lines Between the Eyebrows	Relaxed	-2.07	0.18	-0.05	5.26	0.07
	Old	-0.21	0.16	0.00	2.49	0.29
	Angry	0.07	0.15	0.86	4.47	0.11
	Noticeable	0.17	0.17	-1.89	1.07	0.59

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	Deep	0.21	0.17	-0.13	0.23	0.89
	Concentrate	0.75	0.17	-0.53	2.02	0.36
	Frown	1.08	0.17	0.24	1.54	0.46
Crow's Feet Lines	Relaxed	-1.34	0.16	1.03	8.44	0.02
	Noticeable	-0.11	0.17	-3.18	8.03	0.02
	Tired	-0.10	0.15	-2.55	0.51	0.77
	Number	0.00	0.16	0.61	4.67	0.10
	Old	0.02	0.15	-0.71	1.15	0.56
	Smile	0.76	0.16	-0.98	0.15	0.93
	Squint	0.76	0.16	-0.86	0.19	0.91
Lip Lines	Compared	-1.41	0.11	1.94	18.29	0.01
	Old	-0.18	0.11	-0.40	2.89	0.82
	Deep	0.02	0.11	-3.95	8.81	0.18
	Number	0.23	0.11	-2.26	3.57	0.74
	Noticeable	0.42	0.11	-4.15	11.91	0.06
	Puckered	0.92	0.11	1.91	10.94	0.09
Marionette Lines	Angry	-1.18	0.17	0.49	5.30	0.07
	Sad	-0.59	0.17	0.56	0.21	0.90
	Tired	0.22	0.16	-2.75	1.39	0.50
	Relaxed	0.26	0.17	-2.80	1.22	0.54
	Deep	0.27	0.17	-2.45	2.17	0.34
	Old	0.44	0.16	-2.99	0.54	0.77
	Noticeable	0.58	0.18	-2.33	2.49	0.29

Note: Items are in serial order for each scale; SE, Standard Error; ChiSq Chi-Square Value. The first 2 scales (Skin, Lips) measure satisfaction with aspects of their appearance. The lines scales measure how bothered someone is with aspects of their appearance.