Validation: Big Five Naturalness

Means and standard deviations of the **Naturalness judgments** for the 40 facial identities with reduced, original, and enhanced salience of all **Big Five** personality dimensions.

ID	Openness			Conscientiousness			Extraversion			Agreeableness			Neuroticism		
	-	-/+	+	-	-/+	+	-	-/+	+	-	-/+	+	-	-/+	+
	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)	M(SD)
1	2.24 (1.13)	2.36 (1.20)	2.58 (1.01)	2.40 (0.86)	2.16 (0.96)	2.47 (0.93)	2.36 (1.04)	2.65 (0.91)	1.96 (1.06)	2.57 (0.98)	2.44 (0.98)	2.29 (0.91)	2.27 (0.98)	2.07 (1.15)	2.78 (0.99)
2	2.10 (1.01)	1.90 (0.90)	1.72 (0.77)	2.20 (0.87)	2.06 (0.83)	1.91 (0.82)	1.99 (0.96)	2.25 (0.98)	1.85 (0.85)	2.29 (0.79)	2.01 (0.79)	1.92 (0.72)	1.94 (1.05)	2.07 (0.93)	2.07 (0.92)
3	1.75 (0.75)	1.90 (0.96)	2.35 (0.90)	2.05 (0.94)	1.94 (0.75)	2.17 (0.88)	2.16 (0.93)	1.79 (0.73)	2.19 (0.97)	2.15 (0.84)	2.14 (0.79)	2.13 (0.92)	1.81 (0.97)	1.98 (0.97)	2.01 (0.90)
4	2.48 (0.95)	2.07 (0.98)	2.23 (1.10)	1.90 (0.82)	2.16 (0.96)	2.47 (0.90)	2.11 (0.97)	2.39 (0.92)	2.02 (0.97)	2.18 (0.97)	2.12 (0.95)	2.14 (0.92)	2.04 (0.91)	1.99 (1.07)	2.24 (0.96)
5	2.48 (0.85)	2.14 (0.92)	2.54 (1.08)	2.31 (0.90)	2.17 (1.09)	2.33 (0.95)	2.40 (1.11)	2.25 (0.95)	2.31 (1.00)	2.44 (1.00)	2.23 (0.98)	2.41 (0.85)	2.74 (0.93)	2.07 (1.00)	2.38 (1.17)
6	2.11 (0.88)	1.98 (0.95)	1.90 (0.82)	2.10 (0.97)	1.84 (0.69)	1.83 (0.70)	2.34 (0.88)	1.90 (0.97)	2.02 (0.86)	2.24 (0.94)	2.04 (0.80)	1.74 (0.75)	2.07 (1.10)	1.98 (0.81)	2.10 (0.90)
7	2.83 (0.97)	2.04 (0.84)	2.10 (1.11)	2.21 (1.02)	2.24 (0.99)	2.15 (0.91)	2.28 (1.05)	2.25 (0.86)	2.20 (0.95)	2.47 (0.93)	2.21 (0.86)	2.04 (0.92)	2.56 (0.92)	2.29 (1.27)	2.04 (0.93)
8	1.95 (0.75)	1.97 (0.78)	1.97 (0.88)	2.13 (0.80)	1.98 (0.83)	2.10 (0.84)	1.85 (0.93)	1.99 (0.91)	2.19 (0.97)	2.24 (0.90)	1.82 (0.73)	2.21 (0.86)	1.94 (1.02)	2.07 (0.96)	2.03 (1.00)
9	1.93 (0.98)	1.75 (0.84)	2.00 (0.76)	1.99 (0.85)	2.07 (0.87)	2.14 (0.82)	2.11 (0.90)	2.11 (0.88)	2.08 (0.95)	2.18 (0.74)	2.19 (0.82)	2.08 (0.84)	1.90 (0.93)	1.71 (0.82)	1.81 (0.93)
10	2.76 (1.06)	2.50 (1.24)	2.15 (1.13)	2.79 (1.11)	2.10 (0.97)	2.70 (0.88)	2.79 (1.06)	2.82 (0.93)	2.73 (1.17)	2.67 (1.14)	2.41 (0.91)	2.54 (0.89)	2.36 (0.85)	2.38 (1.28)	2.74 (0.89)
11	2.35 (1.03)	2.42 (0.95)	2.11 (1.07)	2.49 (0.98)	2.29 (0.83)	2.33 (0.89)	2.29 (0.97)	2.45 (0.92)	2.48 (1.02)	2.74 (0.74)	2.28 (1.00)	2.29 (1.04)	2.08 (0.78)	2.20 (0.97)	2.33 (1.16)
12	2.11 (0.92)	2.10 (1.13)	2.42 (1.12)	2.13 (1.09)	2.10 (0.85)	2.33 (0.93)	2.25 (1.04)	2.49 (1.14)	2.36 (1.09)	1.81 (0.69)	2.09 (0.83)	2.47 (1.01)	2.33 (1.20)	2.28 (1.07)	2.33 (1.06)
13	2.52 (1.03)	1.68 (0.87)	1.73 (0.94)	1.98 (0.72)	1.83 (0.86)	2.05 (1.06)	2.02 (0.93)	2.08 (0.92)	1.61 (0.93)	2.11 (0.94)	2.01 (0.89)	1.79 (0.85)	2.07 (0.85)	2.03 (1.05)	2.21 (0.87)
14	2.18 (1.09)	1.90 (0.94)	1.79 (0.79)	2.28 (0.89)	2.14 (0.91)	2.16 (0.90)	1.96 (0.91)	2.28 (0.96)	1.99 (0.88)	2.24 (0.84)	2.04 (0.90)	2.15 (0.90)	2.11 (0.95)	2.33 (0.89)	2.07 (0.97)
15	2.25 (0.89)	2.13 (1.00)	2.00 (0.97)	2.08 (1.02)	2.23 (0.94)	2.17 (0.93)	2.39 (0.92)	2.14 (0.96)	2.08 (0.92)	2.58 (0.98)	2.04 (0.80)	2.28 (0.97)	2.16 (1.00)	1.78 (0.79)	2.52 (0.81)
16	1.97 (0.73)	1.86 (0.81)	2.08 (1.03)	2.02 (0.94)	2.05 (0.91)	2.18 (0.89)	2.19 (0.94)	2.02 (0.86)	1.76 (0.74)	2.18 (0.94)	1.92 (0.76)	2.24 (0.77)	2.01 (0.82)	1.86 (1.09)	2.18 (0.86)
17	2.35 (1.08)	2.24 (0.92)	1.79 (0.74)	2.57 (0.95)	2.17 (0.97)	2.41 (0.91)	2.23 (0.89)	2.16 (0.99)	2.05 (0.88)	2.69 (0.94)	2.11 (0.88)	2.01 (0.75)	2.44 (0.82)	2.14 (0.80)	2.42 (0.95)
18	2.11 (0.96)	2.00 (1.14)	2.28 (0.75)	2.44 (0.88)	1.92 (0.83)	1.79 (0.71)	1.85 (0.65)	1.82 (0.80)	1.94 (0.91)	2.12 (0.99)	2.04 (0.80)	1.79 (0.63)	2.16 (1.00)	1.64 (0.88)	1.98 (0.88)
19	2.48 (0.91)	2.43 (1.00)	2.30 (0.97)	2.64 (1.07)	2.49 (0.88)	2.44 (0.80)	2.54 (0.95)	2.36 (0.95)	2.52 (0.93)	2.60 (0.90)	2.44 (0.88)	2.34 (1.13)	2.49 (0.93)	2.60 (0.94)	2.34 (1.11)

20	2.28 (0.88)	2.35 (0.86)	2.29 (0.90)	2.20 (0.80)	2.10 (0.80)	2.27 (0.88)	2.29 (1.06)	2.25 (1.04)	2.48 (0.99)	2.54 (0.89)	2.21 (0.95)	2.18 (0.85)	1.98 (0.85)	2.07 (0.93)	2.07 (1.06)
21	1.68 (0.82)	1.90 (0.99)	2.21 (0.91)	2.02 (0.90)	1.97 (0.84)	2.14 (0.77)	2.11 (0.87)	1.76 (0.82)	2.14 (0.95)	2.32 (1.05)	2.34 (0.80)	2.08 (0.90)	2.03 (1.05)	2.08 (0.98)	2.33 (0.92)
22	2.55 (0.95)	2.43 (1.11)	2.55 (1.07)	2.64 (0.95)	2.46 (0.97)	2.28 (0.98)	2.56 (0.98)	2.56 (1.01)	2.40 (1.08)	2.47 (1.05)	2.58 (0.86)	2.49 (1.05)	2.69 (1.04)	2.25 (1.19)	2.31 (0.93)
23	2.08 (1.00)	1.97 (0.91)	1.82 (0.95)	2.07 (0.81)	1.83 (0.75)	1.99 (0.85)	1.96 (0.87)	2.25 (0.95)	1.99 (0.88)	2.04 (0.65)	1.84 (0.75)	1.98 (0.91)	2.14 (0.89)	2.14 (0.88)	2.20 (1.14)
24	2.32 (0.95)	1.88 (0.83)	2.35 (0.86)	2.24 (0.84)	1.97 (0.84)	1.87 (0.73)	2.19 (0.94)	1.99 (0.92)	1.96 (0.89)	1.86 (0.79)	1.99 (0.89)	1.99 (0.84)	1.94 (0.86)	2.04 (0.85)	2.14 (0.71)
25	2.42 (1.06)	1.72 (0.77)	2.53 (0.99)	2.02 (0.94)	2.35 (0.83)	2.31 (0.99)	2.22 (0.91)	2.25 (1.04)	2.05 (0.89)	2.06 (0.94)	2.35 (0.94)	2.19 (0.75)	1.98 (0.80)	2.16 (0.85)	2.58 (0.97)
26	2.30 (0.94)	2.17 (0.89)	2.11 (1.00)	2.34 (0.88)	1.90 (0.82)	2.16 (0.93)	2.20 (0.92)	1.85 (0.85)	2.11 (0.90)	2.14 (0.79)	1.84 (0.78)	2.06 (0.79)	1.81 (0.94)	2.20 (0.82)	2.38 (1.04)
27	2.82 (0.95)	2.13 (0.97)	2.55 (0.91)	2.35 (0.83)	2.10 (0.94)	2.56 (0.95)	2.39 (1.01)	2.05 (0.92)	2.39 (0.95)	2.35 (0.84)	2.34 (0.87)	2.30 (0.95)	2.42 (1.04)	2.24 (0.84)	2.59 (0.66)
28	1.86 (0.75)	1.89 (0.74)	1.90 (0.78)	2.44 (0.86)	1.80 (0.72)	1.92 (0.83)	2.16 (0.89)	1.82 (0.83)	2.02 (1.00)	1.96 (0.82)	2.04 (0.81)	1.84 (0.77)	2.27 (0.91)	2.03 (1.00)	1.98 (0.81)
29	2.20 (0.97)	2.14 (0.88)	2.39 (1.03)	2.34 (0.97)	2.21 (0.98)	2.21 (0.92)	2.29 (1.01)	2.05 (0.81)	2.05 (1.03)	2.24 (0.77)	2.06 (0.88)	2.38 (1.00)	2.14 (0.89)	1.98 (0.71)	2.16 (1.09)
30	3.00 (1.02)	2.68 (1.00)	2.69 (1.01)	2.85 (0.95)	2.94 (0.82)	2.79 (1.04)	2.68 (0.94)	2.67 (1.13)	2.79 (1.03)	2.75 (1.08)	2.64 (1.00)	2.82 (0.97)	2.64 (0.88)	2.84 (0.96)	2.85 (0.91)
31	2.62 (1.18)	2.32 (1.10)	2.40 (1.09)	2.02 (0.85)	2.21 (1.01)	2.63 (1.01)	2.62 (0.85)	2.28 (1.02)	2.43 (0.99)	2.21 (1.03)	2.55 (1.13)	2.64 (0.76)	2.43 (1.03)	2.20 (1.06)	2.68 (0.95)
32	2.10 (0.93)	2.73 (0.89)	2.25 (0.85)	2.15 (0.91)	2.21 (0.98)	2.16 (0.90)	2.17 (0.84)	2.19 (1.06)	2.22 (0.88)	2.44 (0.89)	2.13 (0.92)	2.32 (0.86)	2.51 (1.04)	2.36 (0.93)	2.42 (1.28)
33	1.93 (1.02)	1.88 (0.89)	1.97 (1.02)	1.83 (0.75)	2.05 (0.89)	2.02 (0.85)	2.28 (0.83)	1.70 (0.68)	2.11 (0.84)	1.92 (0.84)	1.99 (0.61)	2.21 (0.92)	1.86 (0.85)	1.58 (0.85)	2.04 (0.98)
34	2.76 (0.99)	2.29 (1.02)	2.53 (1.04)	2.17 (0.97)	2.38 (1.16)	2.49 (0.96)	2.31 (0.94)	2.54 (0.95)	2.46 (1.08)	2.47 (1.03)	2.29 (1.04)	2.54 (1.06)	2.27 (0.98)	2.29 (0.99)	2.21 (0.98)
35	2.13 (1.05)	2.35 (1.01)	2.36 (1.17)	2.15 (0.94)	2.44 (0.95)	2.27 (0.97)	2.32 (0.98)	2.22 (0.91)	2.14 (0.88)	2.44 (0.82)	2.08 (0.84)	2.38 (0.94)	2.01 (0.87)	2.20 (0.97)	2.38 (1.08)
36	2.39 (1.07)	2.10 (0.90)	2.31 (0.93)	2.19 (1.03)	2.15 (1.10)	2.29 (0.83)	2.62 (1.01)	1.99 (0.89)	2.31 (0.94)	2.38 (0.88)	1.84 (0.53)	1.86 (0.90)	2.16 (1.13)	2.14 (0.97)	2.43 (0.81)
37	2.21 (0.82)	2.04 (0.97)	2.25 (1.01)	2.60 (0.86)	2.19 (0.88)	1.99 (0.83)	2.16 (0.99)	2.08 (1.02)	2.35 (0.95)	2.40 (1.00)	1.98 (0.88)	2.34 (0.98)	2.30 (1.02)	2.55 (0.99)	2.54 (1.04)
38	2.55 (1.18)	2.93 (0.93)	2.07 (0.90)	2.15 (0.94)	2.33 (0.93)	2.35 (0.90)	2.32 (1.07)	2.08 (0.89)	2.36 (0.88)	2.39 (0.94)	2.33 (0.90)	2.24 (0.90)	2.48 (0.94)	2.20 (1.00)	2.16 (1.21)
39	3.07 (0.86)	2.43 (0.93)	2.86 (0.96)	2.66 (1.08)	2.52 (1.01)	2.75 (0.92)	2.65 (0.94)	2.88 (0.81)	2.79 (1.06)	2.72 (1.03)	2.74 (0.98)	2.62 (1.08)	2.73 (1.09)	2.71 (1.01)	2.98 (0.80)
40	2.17 (0.93)	2.22 (0.96)	2.43 (0.96)	2.33 (0.79)	2.02 (0.93)	2.47 (0.83)	2.31 (1.03)	1.85 (0.85)	2.26 (0.97)	2.08 (0.95)	2.06 (0.79)	1.99 (0.76)	2.17 (0.77)	2.12 (1.03)	2.18 (0.98)
all	2.30 (1.22)	2.14 (1.20)	2.23 (1.21)	2.26 (1.14)	2.15 (1.13)	2.26 (1.11)	2.27 (1.17)	2.19 (1.17)	2.20 (1.19)	2.31 (1.15)	2.16 (1.09)	2.20 (1.12)	2.21 (1.18)	2.14 (1.19)	2.31 (1.20)

Note. To summarize data we used the summarySEwithin function in R, which handles within-subjects variables by removing inter-subject variability.