

Supplemental Material S5. Pairwise contrasts of group differences for significant Channel \times Emotion \times Group interactions in reaction time.

Parameter	Estimate	Standard error (<i>SE</i>)	Z ratio	<i>p</i>	Cohen's <i>d</i>
Emotion \times Group					
<i>Category-based contrast</i>					
Angry (older vs. younger)	0.61	0.04	15.61	< .001	1.44 [1.26, 1.62]
Happy (older vs. younger)	0.53	0.04	13.52	< .001	1.25 [1.06, 1.43]
Neutral (older vs. younger)	0.67	0.04	17.11	< .001	1.57 [1.39, 1.75]
Sad (older vs. younger)	0.59	0.04	15.06	< .001	1.39 [1.21, 1.57]
<i>Dimension-based contrast</i>					
Negative (older vs. younger)	0.60	0.04	15.57	< .001	1.40 [1.22, 1.58]
Neutral (older vs. younger)	0.67	0.04	17.14	< .001	1.56 [1.38, 1.74]
Positive (older vs. negative)	0.53	0.04	13.54	< .001	1.24 [1.06, 1.42]
Emotion \times Channel \times Group					
Angry face (older vs. younger)	0.69	0.04	16.77	< .001	1.63 [1.44, 1.82]
Happy face (older vs. younger)	0.58	0.04	14.19	< .001	1.37 [1.18, 1.56]
Neutral face (older vs. younger)	0.68	0.04	16.65	< .001	1.61 [1.42, 1.80]
Sad face (older vs. younger)	0.70	0.04	17.00	< .001	1.66 [1.47, 1.85]
Angry prosody (older vs. younger)	0.61	0.04	14.68	< .001	1.43 [1.24, 1.62]
Happy prosody (older vs. younger)	0.56	0.04	13.32	< .001	1.31 [1.12, 1.50]
Neutral prosody (older vs. younger)	0.69	0.04	16.72	< .001	1.63 [1.44, 1.83]
Sad prosody (older vs. younger)	0.59	0.04	14.32	< .001	1.40 [1.21, 1.59]
Angry semantics (older vs. younger)	0.53	0.04	12.88	< .001	1.26 [1.07, 1.45]
Happy semantics (older vs. younger)	0.45	0.04	10.88	< .001	1.06 [0.87, 1.25]
Neutral semantics (older vs. younger)	0.63	0.04	15.29	< .001	1.48 [1.29, 1.68]
Sad semantics (older vs. younger)	0.47	0.04	11.34	< .001	1.11 [0.92, 1.30]

Note. The younger group was the baseline level when compared with the older group. For the Emotion \times Group interaction, we conducted category- and dimension-based analyses. Anger and sadness were combined as the negative dimension, while happiness was regarded as the positive dimension.