

**Supplemental Table S3.** Generalized linear mixed-effects model with gender and task as the fixed effects, and accuracy as the dependent variable for target emotions (happiness and sadness) in Experiment 1 (pairwise contrasts are indented).

Parameter	Estimate	Standard error (SE)	z ratio	p	Cohen's <i>d</i> [95% CI]
<b>Gender</b>					
female vs. male	0.41	0.16	2.58	.010	0.28 [0.07, 0.48]
<b>Task</b>					
facial vs. prosodic	1.05	0.15	7.13	< .0001	0.76 [0.55, 0.97]
facial vs. semantic	1.17	0.15	7.63	< .0001	0.81 [0.60, 1.02]
prosodic vs. semantic	0.12	0.14	0.90	.638	0.10 [-0.11, 0.30]
<b>Gender * Task</b>					
facial (female vs. male)	0.39	0.23	1.66	.100	0.18 [-0.03, 0.39]
prosodic (female vs. male)	0.56	0.20	2.83	.005	0.30 [0.09, 0.51]
semantic (female vs. male)	0.26	0.20	1.30	.194	0.14 [-0.07, 0.35]

*Note.* The female participants and the facial task were used as the default level of gender and task respectively. When conducting a pairwise comparison between prosodic and semantic tasks, prosody was set as the baseline level.