Supplemental Table S8. Generalized linear mixed-effects model with gender, task, and congruence as the fixed effects, and reaction time as the dependent variable in Experiment 2 (pairwise contrasts are indented).

Parameter	Estimate	Standard error (*SE*)	*z* ratio	*p*	Cohen's *d* [95% CI]
Gender					
female vs. male	-0.02	0.06	-0.36	.720	-0.04 [-0.26, 0.18]
Task					
prosodic vs. semantic	-0.08	0.03	-2.60	.009	-0.29 [-0.52, -0.07]
Congruence					
congruent vs. incongruent	-0.14	0.02	-6.27	< .0001	-0.71 [-0.93, -0.49]
Gender * Task					
prosodic (female vs. male)	-0.03	0.06	-0.44	.658	-0.05 [-0.27, 0.17]
semantic (female vs. male)	-0.01	0.06	-0.24	.808	-0.03 [-0.25, 0.19]
Task * Congruence					
congruent (prosodic vs. semantic)	-0.12	0.03	-3.84	.0001	-0.43 [-0.66, -0.21]
incongruent (prosodic vs. semantic)	-0.16	0.03	-5.13	< .0001	-0.58 [-0.80, -0.36]
Gender * Congruence					
congruent (female vs. male)	-0.03	0.06	-0.57	.571	-0.06 [-0.29, 0.16]
incongruent (female vs. male)	-0.01	0.06	-0.11	.914	-0.01 [-0.23, 0.21]
Gender * Task * Congruence					
congruent, prosodic (female vs. male)	-0.05	0.06	-0.81	.419	-0.09 [-0.31, 0.13]
incongruent, prosodic (female vs. male)	-0.002	0.06	-0.04	1.000	-0.005 [-0.23, 0.22]
congruent, semantic (female vs. male)	-0.02	0.06	-0.30	.763	-0.03 [-0.26, 0.19]
incongruent, semantic (female vs. male)	-0.01	0.06	-0.18	.860	-0.02 [-0.24, 0.20]

Note. The female participants, the prosodic task, and the congruent stimuli were used as the default level of gender, task, and congruence respectively.