

**Supplemental Material S8.** Results of the meta-regression analyses.

<b>Moderator</b>	<b>Coefficient (<math>\beta</math>)</b>	<b>95% CI</b>	<b><i>p</i> value</b>
<b>Participant-related</b>			
Mean age	-0.02	-0.04 to -0.005	.014*
Percentage of men	1.18	-1.21 to 3.58	.33
Full-scale IQ	-0.02	-0.05 to 0.01	.18
Verbal IQ			
WASI	0.005	-0.02 to 0.03	.67
PPVT/BPVS	0.001	-0.02 to 0.02	.91
Non-verbal IQ			
WASI	0.009	-0.02 to 0.03	.48
RSPM/RM	0.01	0.002 to 0.03	.03*
AQ	-0.04	-0.10 to 0.02	.17
SCQ	0.14	-0.02 to 0.29	.08
<b>Language background</b>			
Non-tonal		Reference	
tonal	0.16	-0.41 to 0.74	.58
<b>Methodology-related</b>			
<b>Task type</b>			
PC		Reference	
PCD	0.25	-0.42 to 0.91	.46
PCI	0.60	-0.17 to 1.38	.13
PDR	-0.09	-0.66 to 0.49	.77
PHD	-0.03	-0.51 to 0.45	.89
PL	0.21	-0.65 to 1.06	.63
PM	0.15	-0.40 to 0.70	.59
PN	1.51	-0.85 to 3.88	.21

<b>Stimulus form</b>			
Isolated tone		Reference	
Pitch interval	-0.53	-1.05 to -0.01	.046*
Melodic contour	-0.32	-0.81 to 0.16	.19
<b>Stimulus modality</b>			
Auditory		Reference	
Audiovisual	0.30	-0.06 to 0.67	.11
<b>Number of trials</b>	-0.0004	-0.004 to 0.003	.82
<b>Number of answer options</b>	0.04	-0.06 to 0.13	.46
<b>Absolute pitch/Relative pitch</b>			
Absolute pitch		Reference	
Relative pitch	-0.25	-0.60 to 0.09	.15
<b>Study-related</b>			
<b>Year of publication</b>	-0.04	-0.06 to -0.01	.004*
<b>Region</b>			
Asia		Reference	
North America	-0.03	-0.57 to 0.51	.92
Europe	0.03	-0.45 to 0.51	.90

Note: CI = confidence interval; PC = pitch contour discrimination task; PCI = pitch contour identification task; PCD = pitch chord disembedding task; PDR = pitch direction recognition task; PHD = pitch height discrimination task; PL = pitch labelling task; PM = pitch memory task; PN = pitch naming task; \* $p < .05$ .