Supplemental Table S5. Results of the meta-regression analyses on immediate perceptual gains.

Moderator	Coefficient (β)	95% CI	p value
Participant-related			
Mean age	-0.06	[-0.14; 0.02]	.10
L2 proficiency			
Advanced (reference)	0.06	[-0.52; 0.64]	.83
Intermediate	0.38	[-0.334; 1.10]	.26
Beginner	0.21	[-0.45; 0.87]	.50
L1			
Chinese (reference)	0.19	[-0.37; 0.75]	.46
English	0.13	[-0.50; 0.76]	.66
Greek	-0.11	[-0.93; 0.70]	.76
Korean	0.82	[-0.51; 2.16]	.20
Methodology-related			
Target phone			
Consonants (reference)	1.01	[-0.17; 2.19]	.09
Tone	-0.74	[-1.96; 0.49]	.21
Vowel	-0.78	[-2.00; 0.45]	.19
Target language			
Artificial tone language (reference)	0.79	[0.13; 1.46]	.03
Chinese	-0.66	[-1.41; 0.10]	.08
English	-0.57	[-1.33; 0.18]	.12
French	-0.36	[-1.22; 0.50]	.37
Training task type			
Identification (reference)	0.31	[0.05; 0.56]	.02
Passive listening	-0.10	[-0.72; 0.54]	.75
Training stimulus type			
Pseudo word (reference)	0.40	[-0.02; 0.81]	.06
Real word	-0.16	[-0.65; 0.33]	.49
Talker number	0.17	[-0.16; .50]	.29
Talker presentation			
Blocked (reference)	0.47	[0.14; 0.79]	.01

Intermixed	-0.31	[-0.74; 0.11]	.13
Target phone number	-0.01	[-0.27; 0.25]	.93
Phonetic context number	0.01	[-0.002; 0.2]	.09
Training session number	0.02	[-0.06; 0.11]	.57
Training session length	0.01	[-0.005; 0.3]	.15
Token number per session	-0.001	[-0.003; 0.00]	.14
Total token number	-0.00	[-0.001; 0.00]	.16
Training program length	**0.10**	**[-0.01; 0.21]**	**.07**
Training program time span	0.01	[-0.01; 0.03]	.36
Sample size	-0.02	[-0.04; 0.003]	.08
Test task			
Identification + discrimination (reference)	0.01	[-0.54; 0.55]	.99
Identification	0.39	[-0.21; 0.99]	.18
Discrimination	0.07	[-0.70; 0.84]	.84
Test stimuli			
Trained + untrained (reference)	0.14	[-0.19; 0.48]	.37
Trained	0.11	[-0.34; 0.56]	.60
Untrained	0.59	[-0.04; 1.21]	.06
Test talker			
Trained + untrained (reference)	0.14	[-0.22; 0.50]	.41
Trained	-0.41	[-2.96; 2.15]	.73
Untrained	0.25	[-0.22; 0.72]	.26
Study-related			
Year of publication	-0.04	[-0.07; 0.01]	.08
Source of publication			
Conference (reference)	0.26	[-0.46; 0.98]	.44
Dissertation	0.27	[-0.76; 1.29]	.58
Journal	0.01	[-0.76; 0.78]	.99
Study quality	-1.31	[-6.13; 3.50]	.56