

Supplemental Material S10. Sensitivity analyses.

Table S6. Posterior median SMD and 95% CrI relative to no-training control for three sensitivity analyses.

Condition	Only studies with low bias risk	Correlation $r = .5$	Correlation $r = .9$
	SMD [95% CrI]	SMD [95% CrI]	SMD [95% CrI]
Single talker-blocked	1.06 [0.74, 1.42]	1.00 [0.76, 1.28]	1.02 [0.70, 1.36]
Two talkers-blocked	1.65 [0.15, 3.18]	1.27 [0.44, 2.09]	1.27 [0.32, 2.22]
Two talkers-mixed	NA	1.66 [0.34, 2.93]	1.65 [-0.05, 3.34]
Three talkers-blocked	1.42 [-0.73, 3.60]	1.52 [-0.14, 3.20]	1.38 [-1.16, 3.92]
Four talkers-blocked	1.93 [1.15, 2.75]	1.36 [0.85, 1.95]	1.60 [0.95, 2.27]
Four talkers-mixed	1.08 [0.66, 1.54]	1.01 [0.70, 1.36]	1.08 [0.62, 1.54]
Five talkers-blocked	0.94 [0.66, 1.26]	1.05 [0.81, 1.29]	0.90 [0.59, 1.22]
Five talkers-mixed	1.02 [-2.55, 4.67]	1.02 [-1.43, 3.48]	1.04 [-3.39, 5.46]
Six talkers-mixed	1.41 [0.98, 1.85]	1.39 [0.97, 1.82]	1.37 [0.94, 1.80]
Thirty talkers-mixed	1.42 [-0.73, 3.60]	0.23 [-0.18, 0.64]	0.26 [-0.24, 0.78]