

**Supplemental Material S6.** Least-squares (LS) means estimates of masker condition signal recognition thresholds (SRTs) in adults and children.

Masking condition	Age group	LS mean	SE	df	Lower 95% CL	Upper 95% CL
Two-talker	Adult	−6.24	0.33	56	−6.91	−5.58
Steady-state noise	Adult	−8.21	0.17	56	−8.55	−7.87
Temporal modulation	Adult	−13.37	0.28	56	−13.94	−12.81
Spectral modulation	Adult	−14.66	0.47	56	−15.61	−13.71
Two-talker	Child	−1.22	0.20	55	−1.62	−0.82
Steady-state noise	Child	−7.07	0.10	55	−7.28	−6.87
Temporal modulation	Child	−12.01	0.17	55	−12.35	−11.67
Spectral modulation	Child	−14.49	0.28	55	−15.06	−13.92

*Note.* SE = standard error; df = degrees of freedom; CL = confidence level.