

Supplemental Material S3. Masker condition signal recognition thresholds (SRTs, dB SNR) in adults (ordering of data is consistent with Supplemental Material S5).

Steady-state noise	Spectrally modulated	Temporally modulated	Two-talker	Spectral modulation benefit*	Temporal modulation benefit*
-7.13	-13.76	-12.73	-2.03	6.63	5.60
-7.94	-15.15	-13.66	-6.75	7.21	5.71
-8.29	-15.33	-14.20	-7.19	7.04	5.90
-8.52	-12.16	-12.19	-6.49	3.64	3.67
-8.91	-15.45	-13.39	-9.59	6.55	4.49
-9.17	-18.61	-14.52	-6.77	9.44	5.34
-7.68	-14.93	-12.54	-3.95	7.25	4.87
-8.63	-7.78	-12.69	-5.79	-0.85	4.06
-7.44	-14.03	-11.46	-5.29	6.59	4.02
-8.24	-15.36	-12.88	-4.39	7.12	4.64
-8.13	-13.63	-13.46	-7.86	5.50	5.33
-8.68	-17.55	-15.13	-8.32	8.88	6.45
-8.44	-14.76	-13.16	-5.86	6.32	4.72
-8.27	-15.49	-13.93	-7.81	7.22	5.65
-7.64	-15.96	-14.64	-5.57	8.32	7.01

*Benefit is (steady-state noise masker threshold – modulated masker threshold).