

Supplemental Table S2. Speech-to-noise ratios for 50% correct perception of speech (SNR-50) by reverberation time.

| Children with cochlear implants | | | | | Children with typical hearing | | | | |
|---------------------------------|------------|------------|------------|-----------|-------------------------------|------------|------------|-----------|--|
| RT | | | | | RT | | | | |
| | <u>0.3</u> | <u>0.6</u> | <u>0.9</u> | <u>SB</u> | <u>0.3</u> | <u>0.6</u> | <u>0.9</u> | <u>SB</u> | |
| <i>M</i> | 9.7 | 10.9 | 14.0 | | -2.5 | -2.3 | -0.6 | | |
| | (9.6) | (10.7) | (13.4) | (7.4) | (-1.2) | (-1.5) | (0.6) | (-0.5) | |
| <i>SD</i> | 2.6 | 3.4 | 3.6 | | 2.6 | 2.4 | 2.7 | | |
| | (2.7) | (3.6) | (3.6) | (3.4) | (3.2) | (2.7) | (3.0) | (2.7) | |
| <i>N</i> | 23 | 23 | 23 | | 23 | 23 | 23 | | |
| | (14) | (14) | (14) | (14) | (10) | (10) | (10) | (10) | |

Note. RT = reverberation time (s); *M* = mean SNR-50 (dBA); *SD* = standard deviation; *N* = number of participants; SB = sound booth with 0.059s RT. Respective values for subgroups tested in both sound booth and classroom are in parentheses.