

**Supplemental Material S1.** Exact values of the descriptive data per group (NH, HA users, and CI users) and results for one-way ANOVA or Kruskal–Wallis for the primary task in the baseline- and dual-task condition.

Variable	NH			HA users			CI users			Results	
	<i>M (SD)</i>	<i>Mdn</i>	Range	<i>M (SD)</i>	<i>Mdn</i>	Range	<i>M (SD)</i>	<i>Mdn</i>	Range	Test Statistic	<i>p</i>
Baseline condition											
Primary task - quiet listening condition (%)	99.14 (2.27)	100.00	93.33-100.00	95.70 (7.00)	100.00	80.00-100.00	96.56 (5.68)	100.00	80.00-100.00	$\chi^2(2) = 5.01$	.082
Primary task - favorable noise condition (%)	98.49 (3.32)	100.00	86.67-100.00	90.54 (12.86)	93.33	53.33-100.00	90.75 (9.38)	93.33	66.67-100.00	$\chi^2(2) = 15.53$	< .001
Primary task - unfavorable noise condition (%)	88.17 (11.64)	93.33	60.00-100.00	44.30 (22.94)	46.67	0.00-93.33	43.44 (17.20)	40.00	6.67-86.67	$F(2, 55.80) = 93.06$	< .001
Dual-task condition											
Primary task - quiet condition (%)	96.13 (5.38)	100.00	80.00-100.00	94.41 (5.99)	93.33	73.33-100.00	94.19 (7.45)	100.00	73.33-100.00	$\chi^2(2) = 1.75$	0.416
Primary task - favorable noise condition (%)	97.63 (5.32)	100.00	73.33-100.00	90.97 (13.61)	100.00	53.33-100.00	93.12 (7.40)	93.33	73.33-100.00	$\chi^2(2) = 7.92$	0.019
Primary task - unfavorable noise condition (%)	86.02 (10.52)	86.67	60.00-100.00	46.44 (17.90)	46.67	13.33-93.33	53.11 (17.98)	53.33	6.67-80.00	$F(2, 88) = 55.07$	< 0.001

*Note.* In the favorable noise condition, an SNR of +4 dB was applied; in the unfavorable noise condition, an SNR of -6 dB was applied.