

Supplemental Material S3. 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 dual-task effect (DTE = $100 \times [\text{score in dual-task condition} - \text{score in baseline condition}]/\text{score in baseline condition}$).

Variable	NH			HA users			CI users			Results	
	<i>M</i> (<i>SD</i>)	<i>Mdn</i>	Range	<i>M</i> (<i>SD</i>)	<i>Mdn</i>	Range	<i>M</i> (<i>SD</i>)	<i>Mdn</i>	Range	Test Statistic	<i>p</i>
DTE primary task - quiet condition	-3.04 (4.93)	0.00	-14.29-7.14	-1.09 (6.29)	0.00	-15.38-16.67	-2.36 (6.81)	0.00	-20.00-7.69	$F(2, 90) = 0.83$.441
DTE primary task - favorable noise condition	-0.84 (5.09)	0.00	-21.43-7.69	0.79 (9.49)	0.00	-16.67-27.27	3.30 (10.13)	0.00	-13.33-30.00	$\chi^2(2) = 2.87$.238
DTE primary task - unfavorable noise condition	-1.57 (12.09)	0.00	-21.43-33.33	19.46 (63.23)	0.00	-57.14-250.00	22.59 (37.79)	16.67	-50.00-100.00	$\chi^2(2) = 9.61$.008
DTE secondary task - quiet condition	-19.91 (17.54)	-20.00	-66.67-11.11	-22.86 (12.55)	-20.00	-48.15-0.00	-26.19 (17.46)	-26.67	-60.00-14.29	$F(2, 90) = 1.19$.308
DTE secondary task - favorable noise condition	-9.13 (15.43)	-6.67	-40.00-25.00	-13.74 (17.03)	-16.67	-46.67-33.33	-16.74 (19.64)	-18.52	-48.15-42.86	$F(2, 90) = 1.50$.229
DTE secondary task - unfavorable noise condition	-24.82 (17.71)	-26.67	-53.33-11.11	-24.38 (16.58)	-25.83	-53.33-11.11	-30.47 (19.40)	-33.33	-62.96-23.81	$F(2, 88) = 1.08$.343

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.