

**Supplemental Material S6.** Post hoc “emmeans” output for mean CRTT scores.  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$ . Significant comparisons are bolded. DP = Deaf proficient; HP = hearing proficient; HNP = hearing nonproficient.

Language	Group Contrast	Estimate	Standard Error	<i>df</i>	<i>t</i> -ratio	<i>p</i> -value
ASL	DP vs. HP	-0.04	0.15	92	-0.24	1.00
ASL	HNP vs. HP	-0.30	0.12	92	-2.46	.15
ASL	DP vs. HNP	0.27	0.15	92	1.79	.48
<b>English</b>	<b>DP vs. HP</b>	<b>-0.46</b>	<b>0.15</b>	<b>92</b>	<b>-3.00</b>	<b>.04*</b>
English	HNP vs. HP	0.09	0.12	92	0.71	.98
<b>English</b>	<b>DP vs. HNP</b>	<b>-0.54</b>	<b>0.15</b>	<b>92</b>	<b>-3.64</b>	<b>.006**</b>

*Note.*  $*p < .05$ ,  $**p < .01$ ,  $***p < .001$ . Significant comparisons are bolded. DP=Deaf proficient, HP=Hearing proficient, and HNP=Hearing non-proficient.