

Supplemental Material S7. Post hoc “emmeans” output for mean efficiency 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	-0.21	0.22	82	-0.95	0.93
ASL	HNP vs. HP	0.09	0.18	82	0.51	1.00
ASL	DP vs. HNP	-0.08	0.21	83	0.37	1.00
English	DP vs. HP	-0.66	0.22	82	-3.02	0.04*
English	HNP vs. HP	0.09	0.18	82	0.51	1.00
English	DP vs. HNP	-0.75	0.21	82	-3.49	0.01**

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