

Table S1: Fixed effects of the linear mixed effect model for RTs: Beta coefficients (raw), confidence intervals of the beta coefficients (CI: lower and upper bound), standard errors (SE), t-values for each of the fixed effects in the linear mixed effect model.

	β_{raw}	CI	SE	t
Intercept	809.66	[631.16 988.16]	97.07	8.89
Accuracy (correct vs. errors)	-120.20	[-191.82 -48.59]	36.54	-3.29
Group (hearing vs. deaf)	67.79	[-163.71 299.29]	118.11	0.57
Accuracy x Group	27.90	[-59.07 114.86]	44.37	0.63

Table S2: Fixed effects of the generalized mixed effect model for accuracy rates: Beta coefficients (raw), confidence intervals of the beta coefficients (CI: lower and upper bound), standard errors (SE), Wald Z-values, and associated p-values for each of the fixed effects in the linear mixed effect model.

	β_{raw}	CI	SE	Wald Z	p-value
Intercept	3.54	[2.98 4.10]	0.29	12.41	<.001
Group	-0.29	[-0.88 0.30]	0.30	-0.95	.341