

**Supplemental Material S4.** Bonferroni corrected pairwise comparisons to assess mean differences in STI values. Mean differences are provided for each articulator. Statistics were performed on original STI values. Statistically significant differences are in bold.

Articulator	Segment (%)	25	50	75	100
Tongue Tip	25	--	<b>2.04** [.96, 3.12]</b>	-.17 [-1.54, 1.20]	.20 [-1.26, 1.67]
	50		--	<b>-2.21*** [-2.93, -1.49]</b>	<b>-1.84*** [-2.66, -1.02]</b>
	75			--	0.37 [-0.04, 0.79]
Tongue Back	25	--	-.28 [-1.45, 0.90]	-1.40 [-2.84, 0.04]	-1.11 [-2.56, 0.33]
	50		--	<b>-1.12 [-1.81, -0.44]</b>	-0.84 [-1.58, -0.10]
	75			--	0.28 [-0.20, 0.77]
Lower Lip	25	--	<b>-2.46*** [-3.35, -1.58]</b>	<b>-3.42*** [-4.53, -2.30]</b>	<b>-3.92*** [-5.26, -2.59]</b>
	50		--	<b>-.95* [-1.61, -0.29]</b>	<b>-1.46* [-2.38, -0.54]</b>
	75			--	-0.51 [-1.03, 0.01]

Note. \* $p < .05$ ; \*\* $p < .01$ ; \*\*\* $p < .001$ .