

Supplemental Material S1. Main and interaction effects of length (2-, 3-, 5-, 8-syllables) and group (control, mild ALS, severe ALS) from two-way mixed ANOVA for all articulators. Statistics were performed on original data. Statistically significant effects are in bold.

Articulator	Effect	<i>F</i> statistic	<i>p</i> value	partial η^2
Tongue Tip	Syllable length	4.06	.022	.111
	Group	6.39	< .001	.090
	Group × Syllable length	1.03	.404	.031
Tongue Back	Syllable length	10.57	< .001	.140
	Group	5.19	.008	.138
	Group × Syllable length	0.71	.619	.021
Lower Lip	Syllable length	14.71	< .001	.185
	Group	5.08	.009	.135
	Group × Syllable length	1.30	.260	.038