

**Supplemental Material S38.** Results of linear regression models of pitch slope of trisyllabic tone sandhi compounds (Syllables 1 and 2) with different predictors (Context: double-T3 context T3T3T1/2/4 and triple-T3 context T3T3T3). The predictors were entered into the model stepwise and the best model included all predictors.

Predictor	Syllable	$\Delta R^2$	<i>B</i>	<i>SE (B)</i>	$\beta$	<i>p</i>
Context	1	0.03	−0.008	0.017	−0.011	.612
	2	0.19	0.047	0.025	0.053	< .05*
Age at implantation	1	0.17	0.004	0.001	−0.301	< .001***
	2	0.06	0.003	0.002	−0.081	< .001***
CI experience	1	0.13	0.001	0.001	−0.140	< .001***
	2	0.06	−0.005	0.002	0.051	< .05*
Chronological age	1	0.07	−0.009	0.001	0.123	< .001***
	2	0.01	0.001	0.001	−0.012	.090
Residual hearing	1	0.03	−0.004	0.001	0.012	.820
	2	0.01	−0.001	0.001	−0.011	.789