

Supplemental Material S35. Results of linear mixed-effects model on pitch shape (slope and curvature) in children’s trisyllabic tone sandhi productions (Syllables 1 and 2), with two fixed factors “Group” (NH = 3, CI_Exp < 1, CI_Exp 1-2, CI_Exp 2-3, and CI_Exp 3-4) and “Context” (double-T3 and triple-T3) and a covariate “Chronological Age.”

Syllable	Parameter	Factors	df 1	df 2	<i>F</i>	<i>p</i>
Syllable 1	Pitch slope	Group	4	179	3.70	< .01**
		Context	1	5803	0.37	.544
		Chronological Age	1	185	2.98	.086
		Group × Context	4	5754	5.55	< .001***
		Group × Chronological Age	4	178	1.80	.131
		Context × Chronological Age	1	5794	0.34	.558
		Group × Context × Chronological Age	4	5757	0.43	.789
	Pitch curvature	Group	4	2398	1.79	.128
		Context	1	5692	0.04	.836
		Chronological Age	1	2561	2.93	.087
		Group × Context	4	5726	0.20	.938
		Group × Chronological Age	4	2388	1.97	.096
		Context × Chronological Age	1	5727	0.03	.874
		Group × Context × Chronological Age	4	5727	0.18	.950
Syllable 2	Pitch slope	Group	4	186	1.90	.113
		Context	1	3139	0.44	.509
		Chronological Age	1	193	1.00	.317
		Group × Context	4	5752	3.36	< .01**
		Group × Chronological Age	4	185	1.12	.351
		Context × Chronological Age	1	5808	0.05	.816
		Group × Context × Chronological Age	4	5757	0.34	.854
	Pitch curvature	Group	4	775	2.99	< .05*
		Context	1	5351	0.99	.319
		Chronological Age	1	846	2.79	.095
		Group × Context	4	5721	0.30	.881
		Group × Chronological Age	4	771	1.90	.109
		Context × Chronological Age	1	5724	0.92	.339
		Group × Context × Chronological Age	4	5721	0.22	.929

Note. NH = normal hearing; CI = cochlear implant.