

Supplemental Material S15. Pairwise comparisons of neutral tone pitch slope between groups (NH = 3, CI_Imp 1-2, CI_Imp 2-3, CI_Imp 3-4, and CI_Imp 4-5) across types (Reduplicative and Possessive) and contexts (after T1/2/4 and after T3).

Type	Context	Group difference	β	SE	df	t	p
Reduplicative	After T1/2/4	NH = 3 – CI_Imp1-2	-1.75	1.06	521	-1.50	.069
		NH = 3 – CI_Imp2-3	-2.81	1.22	485	-2.66	< .05*
		NH = 3 – CI_Imp3-4	-2.78	1.85	405	-2.50	< .05*
		NH = 3 – CI_Imp4-5	-2.30	0.97	536	-2.31	< .05*
		CI_Imp1-2 – CI_Imp2-3	-0.06	0.92	415	-0.06	1.000
		CI_Imp1-2 – CI_Imp3-4	-1.03	1.67	373	-1.21	.743
		CI_Imp1-2 – CI_Imp4-5	-0.44	0.54	418	-0.82	.926
		CI_Imp2-3 – CI_Imp3-4	-1.97	1.78	376	-1.11	.801
		CI_Imp2-3 – CI_Imp4-5	-0.50	0.81	405	-0.62	.972
	CI_Imp3-4 – CI_Imp4-5	-2.48	1.62	368	-1.53	.543	
	After T3	NH = 3 – CI_Imp1-2	1.81	1.82	2333	1.55	.532
		NH = 3 – CI_Imp2-3	3.55	2.00	2132	2.27	< .05*
		NH = 3 – CI_Imp3-4	3.09	2.88	1795	2.38	< .05*
		NH = 3 – CI_Imp4-5	3.28	1.71	2460	2.16	< .05*
		CI_Imp1-2 – CI_Imp2-3	3.27	1.29	1513	3.21	< .01**
		CI_Imp1-2 – CI_Imp3-4	3.91	2.44	1534	3.60	< .01**
		CI_Imp1-2 – CI_Imp4-5	3.09	0.77	1551	3.00	< .01**
		CI_Imp2-3 – CI_Imp3-4	1.64	2.58	1524	1.41	.620
CI_Imp2-3 – CI_Imp4-5		2.83	1.14	1492	2.48	< .05*	
CI_Imp3-4 – CI_Imp4-5	0.81	2.36	1530	0.35	.997		
Possessive	After T1/2/4	NH = 3 – CI_Imp1-2	-1.09	1.43	747	-1.26	.104
		NH = 3 – CI_Imp2-3	-2.41	1.53	656	-2.26	< .05*
		NH = 3 – CI_Imp3-4	-2.88	2.08	486	-2.42	< .05*
		NH = 3 – CI_Imp4-5	-2.35	1.34	789	-2.26	< .05*
		CI_Imp1-2 – CI_Imp2-3	-0.31	0.94	410	-0.34	.997
		CI_Imp1-2 – CI_Imp3-4	-0.79	1.69	372	-0.47	.990
		CI_Imp1-2 – CI_Imp4-5	-0.26	0.58	452	-0.46	.991
		CI_Imp2-3 – CI_Imp3-4	-0.48	1.78	368	0.27	.999
		CI_Imp2-3 – CI_Imp4-5	-0.05	0.81	386	-0.06	1.000
	CI_Imp3-4 – CI_Imp4-5	-0.53	1.62	364	-0.32	.998	
	After T3	NH = 3 – CI_Imp1-2	2.14	2.11	3055	2.07	< .05*
		NH = 3 – CI_Imp2-3	2.47	2.26	2703	2.10	< .05*
		NH = 3 – CI_Imp3-4	2.42	3.04	2039	2.80	< .05*
		NH = 3 – CI_Imp4-5	4.32	1.98	3182	4.18	< .001***
		CI_Imp1-2 – CI_Imp2-3	2.61	1.37	1770	1.90	.318
CI_Imp1-2 – CI_Imp3-4		2.56	2.46	1577	1.04	.836	

CI_Imp1-2 – CI_Imp4-5	4.18	0.85	1982	4.89	< .001***
CI_Imp2-3 – CI_Imp3-4	0.05	2.59	1551	0.02	1.000
CI_Imp2-3 – CI_Imp4-5	6.79	1.18	1630	5.76	< .001***
CI_Imp3-4 – CI_Imp4-5	6.74	2.36	1531	2.86	< .05*

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