

Appendix 2: The statistical results of Dialect (SK, NK), H/L and the interaction of Dialect and H/L in South Kyungsang (SK) and North Kyungsang (NK) subjects' responses (a) as lenis for the word-initial Japanese voiced plosives [b, d, g], (b) as aspirated for the word-initial Japanese voiceless plosives [k, t] and (c) as lenis for the word-medial Japanese voiced plosives and (d) as either aspirated or fortis for the word-medial Japanese voiceless plosives.

a.

Fixed effect	coefficient	std.Error	t	sig.
SK	0.645	0.353	1.827	0.068
H	0.244	0.112	2.176	0.030
SK*H	-0.068	0.152	-0.446	0.655

(reference= NK, L)

Random effect	variance	std.Error	Z	sig.
intercept	1.97	0.370	5.319	0.000

b.

Fixed effect	coefficient	std.Error	t	sig.
SK	0.231	0.503	0.459	0.646
H	1.131	0.254	4.458	0.000
SK*H	-0.515	0.313	-1.645	0.100

(reference= NK, L)

Random effect	variance	std.Error	Z	sig.
intercept	3.246	0.662	4.903	0.000

c.

Fixed effect	coefficient	std.Error	t	sig.
SK	0.548	0.386	1.420	0.156
H	0.187	0.118	1.588	0.112
SK*H	-0.176	0.159	-1.107	0.268

(reference= NK, L)

Random effect	variance	std.Error	Z	sig.
intercept	2.278	0.451	5.054	0.000

d.

Fixed effect	coefficient	std.Error	t	sig.
SK	0.024	0.45	0.054	0.957
H	0.033	0.146	0.224	0.823
SK*H	0.200	0.185	1.077	0.281

(reference= NK, L)

Random effect	variance	std.Error	Z	sig.
intercept	2.924	0.585	5.001	0.000