

ICPhS 2023 Supplemental Information

Effect	Std. error	t-value	Intercept (ms)
vowel quality: /o/	1.04	9.92	10.28
vowel quality: /a/	0.61	17.82	10.88
pre-pausal syllable	1.04	15.61	16.28
vcd following C	0.81	10.31	8.35
open syllable	0.87	6.53	5.70
vcd C * pre-pausal syll	1.40	-7.44	-10.39
open syll * pre-pausal	1.36	8.10	11.00
vcd C * open syll	1.11	-8.17	-9.12

Significant effects and interactions from model combining word and utterance position (n=14,810)

Effect	Std. error	t-value	Intercept (ms)
vowel quality: /o/	1.56	4.74	7.37
vowel quality: /a/	0.78	8.88	6.96
vcd following C	0.75	9.83	7.34

Significant effects from model with medial vowels in closed syllables (n=6238)

Effect	Std. error	t-value	Intercept (ms)
vowel quality: /o/	1.47	7.74	11.35
vowel quality: /a/	0.87	14.31	12.48
open syllable	0.86	6.15	5.32

Significant effects from model with medial vowels followed by voiceless consonants (n=5494)

Effect	Std. error	t-value	Intercept (ms)
vowel quality: /o/	2.54	5.62	14.30
vowel quality: /a/	1.75	8.23	14.42
pre-pausal syllable	1.44	19.82	28.44

Significant effects from model with only closed syllables and voiceless consonant codas (n=3522)

Effect	Std. error	t-value	Intercept (ms)
vowel quality: /o/	1.01	10.66	10.80
vowel quality: /a/	0.58	17.41	10.14
vcd following C	0.75	10.26	7.69
open syllable	0.81	6.11	4.97
vcd C *	1.09	-6.77	-7.36
open syll			

Significant effects and interactions from model containing only utterance-medial vowels (n=11,661)

Effect	Std. error	t-value	Intercept (ms)
vowel quality: /o/	1.51	5.87	8.84
vowel quality: /a/	0.94	12.93	12.20
pre-pausal syllable	1.23	12.50	14.14
open syllable	1.01	4.48	4.52
pre-pausal * open syll	1.78	8.17	14.52

Significant effects and interactions from model containing only voiceless following consonants (n=7717)

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