Online Supplemental Material

Table 1. Acoustic characteristics of /s/–/θ/ stimuli.

Measure	[s] for /s/		[s] for /ˌ/		sːˌ		ˌːs		[ˌ] for /s/		[ˌ] for /ˌ/	
	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*
N	50		24		26		30		24		46	
Peak ERB	34.6	1.1	34.2	1.6	34.4	1.5	32.9	1.4	26.9	1.6	25.5	1.1
Compactness Index	0.32	0.01	0.30	0.01	0.23	0.01	0.23	0.01	0.20	0.01	0.20	0.01
Total intensity (dB)	54.6	5.4	52.5	8.6	48.9	7.1	50.8	6.7	48.0	8.5	43.8	7.7

Note. ERB = equivalent rectangular bandwidth. Please see text for details.

Table 2. Acoustic characteristics of /t/–/k/ stimuli, front-vowel context.

Measure	[t] for /t/		[t] for /k/		t:k		k:t		[k] for /t/		[k] for /k/	
	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*
N	5		9		8		10		12		3	
Peak ERB	24.17	5.71	24.17	5.71	25.44	4.88	25.88	3.31	26.40	1.52	25.17	3.25
Compactness Index	0.18	0.02	0.18	0.02	0.20	0.03	0.22	0.04	0.19	0.02	0.22	0.05
Peak intensity (dB)	45.56	8.13	45.56	8.13	53.45	10.72	47.28	9.86	49.70	10.65	51.70	7.26

Table 3. Acoustic characteristics of /t/–/k/ stimuli, back-vowel context.

Measure	[t] for /t/		[t] for /k/		t:k		k:t		[k] for /t/		[k] for /k/	
	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*
N	5		6		10		8		6		6	
Peak ERB	25.60	2.41	25.89	1.83	24.50	2.62	24.40	2.07	21.64	5.41	27.33	0.58
Compactness Index	0.19	0.03	0.20	0.03	0.20	0.02	0.19	0.02	0.19	0.02	0.20	0.02
Peak intensity (dB)	43.28	9.19	51.24	5.92	48.69	8.57	50.76	14.15	51.96	10.46	49.18	6.74

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Table 4. Acoustic characteristics of English /d/–/ ɡ / stimuli, front-vowel context.

Measure	[d] for /d/		[d] for / ɡ /		d:ɡ		ɡ:d		[ɡ] for /d/		[ɡ] for / ɡ /	
	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*
N	12		6		7		6		12		12	
Peak ERB[a]	25.08	4.36	23.67	5.85	25.86	1.46	26.33	1.75	25.58	3.50	26.75	1.66
Compactness Index	0.20	0.03	0.19	0.03	0.20	0.04	0.20	0.05	0.20	0.04	0.22	0.05
Peak intensity (dB)	41.98	6.45	46.22	6.84	48.45	10.56	49.24	5.49	54.38	10.13	47.21	10.43

Table 5. Acoustic characteristics of English /d/–/ɡ/ stimuli, back-vowel context.

Measure	[d] for /d/		[d] for /ɡ/		d:ɡ		ɡ:d		[ɡ] for /d/		[ɡ] for / ɡ /	
	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*
N	17		17		7		14		9		16	
Peak ERB[a]	25.71	2.93	23.35	5.68	23.43	5.09	24.64	1.95	21.11	5.28	23.13	2.80
Compactness Index	0.18	0.02	0.19	0.02	0.19	0.03	0.20	0.03	0.18	0.02	0.20	0.02
Peak intensity (dB)	45.07	5.80	45.98	8.41	46.69	11.15	51.09	11.90	46.84	10.87	52.98	8.73

Table 6. Acoustic characteristics of Greek /d/–/ɡ/ stimuli, front-vowel context.

Measure	[d] for /d/		[d] for /ɡ /		d:ɡ		ɡ:d		[ɡ] for /d/		[ɡ] for /ɡ /	
	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*
N	14		10		6		13		11		14	
Peak ERB[a]	26.14	1.66	26.30	2.21	26.00	1.55	25.85	4.58	26.91	1.81	26.50	1.83
Compactness Index	0.20	0.03	0.18	0.02	0.19	0.02	0.20	0.04	0.22	0.04	0.24	0.05
Peak intensity (dB)	43.98	9.55	47.58	10.53	48.13	4.09	45.74	4.90	48.05	9.96	49.62	7.18

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Table 7. Acoustic characteristics of Greek /d/–/ɡ/ stimuli, back-vowel context.

Measure	[d] for /d/		[d] for /ɡ /		d:ɡ		ɡ:d		[ɡ] for /d/		[ɡ] for /ɡ /	
	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*	Avg.	*SD*
N	11		11		2		1		10		11	
Peak ERB	24.73	2.53	23.45	5.87	25.5	2.12	24	N/A	22.1	2.85	21.27	3.52
Compactness Index	0.17	0.01	0.18	0.03	0.22	0.01	0.21	N/A	0.19	0.02	0.20	0.02
Peak intensity (dB)	45.23	6.35	51.17	4.84	54.93	12.14	42.00	N/A	46.10	9.90	50.24	3.52

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