

Appendix for "Phonetic lapse in American English -ative" **Results of statistical models**

Results of the statistical analysis for Task 1 (which manipulated the pre-*at-* segments) and Task 2 (which manipulated the poststress segments) are below. A summary of the fixed effects is in Table 1. Interstress duration (the predictor of interest) and its associated values are bolded. Significance codes can be interpreted as follows: . = $p < .1$, * = $p < .05$, ** = $p < .01$. A summary of the random effects follows in Table 2.

Table 1: Summary of fixed effects for Tasks 1 and 2.

Factor	Task 1			Task 2		
	Coefficient	z value	Significant?	Coefficient	z value	Significant?
Intercept	-3.20	—	—	-4.99	—	—
Interstress duration	8.60	2.80	**	8.36	2.48	*
Ending: <i>b</i>	-0.10	-0.40		-0.20	-0.55	
Ending: <i>d</i>	0.17	0.62		0.69	2.12	*
Ending: <i>dl</i>	-0.37	-1.29		-0.31	-0.79	
Ending: <i>dm</i>	-0.73	-2.53	*	-0.20	-0.53	
Ending: <i>dn</i>	-0.63	-2.14	*	-0.14	-0.35	
Ending: <i>f</i>	-0.81	-2.71	**	-0.18	-0.46	
Ending: <i>g</i>	0.36	1.26		0.21	0.61	
Ending: <i>k</i>	-0.08	-0.26		-0.22	-0.63	
Ending: <i>l</i>	-0.46	-1.57		0.49	1.44	
Ending: <i>m</i>	-0.49	-1.80	.	0.05	0.15	
Ending: <i>n</i>	-0.66	-2.43	*	0.29	0.87	
Ending: <i>p</i>	-0.17	-0.58		-0.04	-0.12	
Ending: <i>r</i>	-0.63	-2.23	*	0.26	0.77	
Ending: <i>s</i>	-0.21	-0.71		0.17	0.48	
Ending: <i>sk</i>	0.72	2.02	*	-0.56	-1.35	
Ending: <i>skl</i>	-0.29	-0.83		-0.85	-1.56	
Ending: <i>sp</i>	-0.34	-1.04		-0.38	-0.89	
Ending: <i>spr</i>	-0.03	-0.08		-0.38	-0.79	
Ending: <i>z</i>	0.04	0.14		0.25	0.76	

Table 2: Summary of random effects for Tasks 1 and 2.

Groups	Name	Task 1			Task 2		
		Variance	Std. Dev.	Corr.	Variance	Std. Dev.	Corr.
Item Participant	(Intercept)	0.00	0.00		0.00	0.00	
	(Intercept)	8.00	2.83		10.85	3.29	
	Interstress duration	30.51	5.52	-0.85	20.07	4.48	-0.74