

### Supplemental Material S3. Phonotactic probability of words.

These were calculated using the calculator described in Vitevitch and Luce (2004).

Word	Klattese	Phone1	Phone2	Phone3	Biphone1	Biphone2	Summed Unigram+1	Summed Bigram+1
beesh	biS	0.0512	0.0318	0.0077	0.0022	0.0002	1.0907	1.0024
bish	bIS	0.0512	0.0962	0.0077	0.0041	0.0012	1.1551	1.0053
peesh	piS	0.0844	0.0318	0.0077	0.0023	0.0002	1.1239	1.0025
pish	pIS	0.0844	0.0962	0.0077	0.0048	0.0012	1.1883	1.006
boohv	bUv	0.0512	0.0102	0.0236	0.0012	0.0000	1.085	1.0012
boove	buv	0.0512	0.0221	0.0236	0.0012	0.0004	1.0969	1.0016
poohv	pUv	0.0844	0.0102	0.0236	0.0009	0.0000	1.1182	1.0009
poove	puv	0.0844	0.0221	0.0236	0.0002	0.0004	1.1301	1.0006
dayge	deJ	0.0518	0.0292	0.0108	0.0015	0.0007	1.0918	1.0022
dedge	dEJ	0.0518	0.0729	0.0108	0.0071	0.0016	1.1355	1.0087
tayge	teJ	0.0445	0.0292	0.0108	0.0012	0.0007	1.0845	1.0019
tedge	tEJ	0.0445	0.0729	0.0108	0.0063	0.0016	1.1282	1.0079
deev	div	0.0518	0.0318	0.0236	0.0030	0.0014	1.1072	1.0044
div	dIv	0.0518	0.0962	0.0236	0.0152	0.0031	1.1716	1.0183
teev	tiv	0.0445	0.0318	0.0236	0.0012	0.0014	1.0999	1.0026
tiv	tIv	0.0445	0.0962	0.0236	0.0025	0.0031	1.1643	1.0056
fosh	faS	0.0466	0.0605	0.0077	0.0019	0.0002	1.1148	1.0021
fush	f^S	0.0466	0.0392	0.0077	0.0010	0.0004	1.0935	1.0014
vosh	vaS	0.0224	0.0605	0.0077	0.0010	0.0002	1.0906	1.0012
vush	v^S	0.0224	0.0392	0.0077	0.0007	0.0004	1.0693	1.0011
fayfe	fef	0.0466	0.0292	0.0197	0.0019	0.0004	1.0955	1.0023
feff	fEf	0.0466	0.0729	0.0197	0.0027	0.0015	1.1392	1.0042
vayfe	vef	0.0224	0.0292	0.0197	0.0012	0.0004	1.0713	1.0016
veff	vEf	0.0224	0.0729	0.0197	0.0035	0.0015	1.115	1.005
sodge	saJ	0.1024	0.0605	0.0108	0.0022	0.0009	1.1737	1.0031
sudge	s^J	0.1024	0.0392	0.0108	0.0059	0.0005	1.1524	1.0064
zodge	zaJ	0.0026	0.0605	0.0108	0.0001	0.0009	1.0739	1.001
zudge	z^J	0.0026	0.0392	0.0108	0.0000	0.0005	1.0526	1.0005
soof	suf	0.1024	0.0221	0.0197	0.0023	0.0004	1.1442	1.0027
soohf	sUf	0.1024	0.0102	0.0197	0.0003	0.0002	1.1323	1.0005
zoof	zuf	0.0026	0.0221	0.0197	0.0001	0.0004	1.0444	1.0005
zoohf	zUf	0.0026	0.0102	0.0197	0.0000	0.0002	1.0325	1.0002
Onsets (means)	b	0.0512	0.0401	0.0157	0.0022	0.0005	1.1069	1.0026
	p	0.0844	0.0401	0.0157	0.0021	0.0005	1.1401	1.0025
	d	0.0518	0.0575	0.0172	0.0067	0.0017	1.1265	1.0084
	t	0.0445	0.0575	0.0172	0.0028	0.0017	1.1192	1.0045

	f	0.0466	0.0505	0.0137	0.0019	0.0006	1.1108	1.0025
	v	0.0224	pho	0.0137	0.0016	0.0006	1.0866	1.0022
	s	0.1024	0.0330	0.0153	0.0027	0.0005	1.1507	1.0032
	z	0.0026	0.0330	0.0153	0.0001	0.0005	1.0509	1.0006
Vowels (means)	i	0.0580	0.0318	0.0157	0.0022	0.0008	1.1054	1.0030
	I	0.0580	0.0962	0.0157	0.0067	0.0022	1.1698	1.0088
	e	0.0413	0.0292	0.0153	0.0015	0.0006	1.0858	1.0020
	E	0.0413	0.0729	0.0153	0.0049	0.0016	1.1295	1.0065
	u	0.0602	0.0221	0.0217	0.0010	0.0004	1.1039	1.0014
	U	0.0602	0.0102	0.0217	0.0006	0.0001	1.0920	1.0007
	a	0.0435	0.0605	0.0093	0.0013	0.0006	1.1133	1.0019
	^	0.0435	0.0392	0.0093	0.0019	0.0005	1.0920	1.0024

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## Reference

Vitevitch, M. S., & Luce, P. A. (2004). A web-based interface to calculate phonotactic probability for words and nonwords in English. *Behavior Research Methods, Instruments, & Computers*, 36(3), 481–487. <https://doi.org/10.3758/BF03195594>