

Supplemental Material S1. Neighborhood density, phonotactic probability, Kučera and Francis (1967) word frequency (WF), log 10 WF, and age of acquisition (in years) measurements (AoA) for the academic vocabulary (AV) words.

AV word	Density	Number of phonemes	Phoneme probability sum	Biphone probability sum	Kučera & Francis WF	log 10 WF	AoA
region	5.00	5.00	0.2516	0.0411	76	2.410	9.14
rigid	1.00	5.00	0.2537	0.0093	24	1.982	9.16
remove	4.00	5.00	0.1756	0.0229	58	2.868	5.67
random	2.00	6.00	0.3659	0.0447	38	2.719	9.33
route	26.00	3.00	0.1371	0.0015	43	3.037	11.40
locate	1.00	5.00	0.2177	0.0091	16	2.720	7.95
layer	26.00	5.00	0.0859	0.0023	12	2.272	8.28
logical	3.00	7.00	0.2643	0.0153	34	2.578	9.83
lecture	2.00	6.00	0.2145	0.0133	16	2.728	9.50
labor	7.00	5.00	0.1508	0.0063	149	2.794	8.28
chapter	4.00	7.00	0.2583	0.0194	74	2.782	6.42
change	3.00	4.00	0.1536	0.0076	240	4.089	4.26
challenge	2.00	6.00	0.3291	0.0284	4	3.006	7.55
choice	3.00	3.00	0.0966	0.0009	113	3.697	5.17
channel	6.00	5.00	0.2438	0.0191	16	3.096	5.79
thoughtful	0.00	6.00	0.1646	0.0051	1	2.601	9.00
therapy	0.00	6.00	0.23	0.0139	12	2.975	12.00
thespian	0.00	7.00	0.0914	0.0019	1	1.255	NA
theme	9.00	3.00	0.0919	0.0073	55	2.852	8.50
theory	7.00	4.00	0.2583	0.0194	129	3.164	9.37
Average	5.55	5.15	0.2017	0.0144	55.55	2.781	8.24

Reference

Kučera, H., & Francis, W. N. (1967). *Computational analysis of present-day American English*. Providence, RI: Brown University Press.