

Name	Frequency		Textbook		Provided		Found	
	KA	DA	KA	DA	KA	DA	KA	DA
deer	0.26923 0769230 7692	0.26471001 263867433	0.5384615 38461538 4	0.0956326 35865749 19	1.0	1.0	1.0	1.0
forest	0.04	0.18313618 441006976	0.0	0.0328177 13072490 144	0.11764705 882352941	0.0833333333 3333333	0.72	0.91410 3730664 2402
pangram	0.0	0.0	0.0	0.0	0.48	0.5882352941 176471	0.2307 692307 692307 8	0.4
tree	0.34615 3846153 84615	0.42078820 47009518	0.6923076 92307692 3	0.1518594 25888055 73	1.0	1.0	1.0	1.0
woodm	0.13636 3636363 63635	0.17694369 97319035	0.0	0.0563002 68096514 75	0.95	0.9759036144 578314	1.0	1.0
1984	0.125	0.08	0.0	0.0	1.0	1.0	0.0625	0.03846 1538461 538464
finnegan	0.16	0.17464953 27102804	0.0	0.0067172 89719626 168	0.94736842 10526315	0.9625	1.0	1.0

URL: <https://www.guballa.de/substitution-solver>

1. The choice of key used to encrypt the text files affect the results of evaluation. Because whenever you change the key, you changed the mapping of the keys, and this will affect the results of the evaluation.
2. Conclusion: The frequency analysis decipher does not really work for decipher. The key accuracy and the decipherment accuracy is low. The message it decrypts out is long way away from the correct text.
3. The tree text get the highest accuracy scores. The key accuracy for tree text in frequency analysis, is the highest which means, the map of the key is closed to the frequency analysis key map. Also since the high key accuracy for pattern-based solver, that means, the pattern key should be really clear enough.
4. Doing the English dictionary (or other languages dictionary) check to fix the key map.