

As we can see in pictures below when we are using 10-best it's getting us the best result after that 5-best and then 1-best which is something we expected. In group 1 we can see as long as we increase the n we are getting better results. In group 2, we can see there is no effect of increasing n, so it means probably our dataset is not that rich in currency words and their relations( not enough words to reveal those information). Group 3 and 4 like group 1 we can see increase in terms of correctness, but in group 5 there is a bit of increase but not much, so it shows that it's getting better but maybe still we need more words for getting better results. In groups 6, 7 and 8 we are seeing growth and it means we are doing better in finding those relations.

P.S.: First table is 1-best, second one 5-best and the last one is 10-best

Index	Type	Size		
0	float	1	0.0833333333333333	('wrong:', 'queens', 'correct:', 'london')
1	float	1	0.1	('wrong:', 'wins', 'correct:', 'korea')
2	float	1	0.333333333333333	('wrong:', 'newark', 'correct:', 'seattle')
3	float	1	0.7051282051282052	('wrong:', 'sons', 'correct:', 'brothers')
4	float	1	0.01111111111111112	('wrong:', 'regular', 'correct:', 'most')
5	float	1	0.533333333333333	('wrong:', 'good', 'correct:', 'great')
6	float	1	0.42857142857142855	('wrong:', 'good', 'correct:', 'great')
7	float	1	0.45348837209302323	('wrong:', 'language', 'correct:', 'england')
Index	Type	Size		
0	float	1	0.5833333333333334	('wrong:', 'brazil', 'correct:', 'madrid')
1	float	1	0.1	('wrong:', 'champions', 'correct:', 'korea')
2	float	1	0.6111111111111112	('wrong:', 'chicago', 'correct:', 'seattle')
3	float	1	0.9102564102564102	('wrong:', 'howard', 'correct:', 'prince')
4	float	1	0.1222222222222222	('wrong:', 'vintage', 'correct:', 'most')
5	float	1	0.7619047619047619	('wrong:', 'big', 'correct:', 'long')
6	float	1	0.7619047619047619	('wrong:', 'cute', 'correct:', 'hot')
7	float	1	0.7441860465116279	('wrong:', 'japan', 'correct:', 'england')
Index	Type	Size		
0	float	1	0.75	('wrong:', 'italy', 'correct:', 'madrid')
1	float	1	0.1	('wrong:', 'atlanta', 'correct:', 'korea')
2	float	1	0.8333333333333334	('wrong:', '7th', 'correct:', 'boston')
3	float	1	0.967948717948718	('wrong:', 'miller', 'correct:', 'prince')
4	float	1	0.222222222222222	('wrong:', 'preview', 'correct:', 'obvious')
5	float	1	0.8	('wrong:', 'matter', 'correct:', 'long')
6	float	1	0.8095238095238095	('wrong:', 'nice', 'correct:', 'hot')
7	float	1	0.872093023255814	('wrong:', 'india', 'correct:', 'england')