max candidates	num top longest	avg num of top longest
15k	500	394.625
15k	1000	742.968
15k	2000	1367.203
15k	5000	2994.305
30k	500	395.216
30k	1000	744.362
30k	2000	1369.863
30k	5000	2999.565

Sizes:

15k average candidates length / db length: 0.133

30k average candidates length / db length: 0.134