

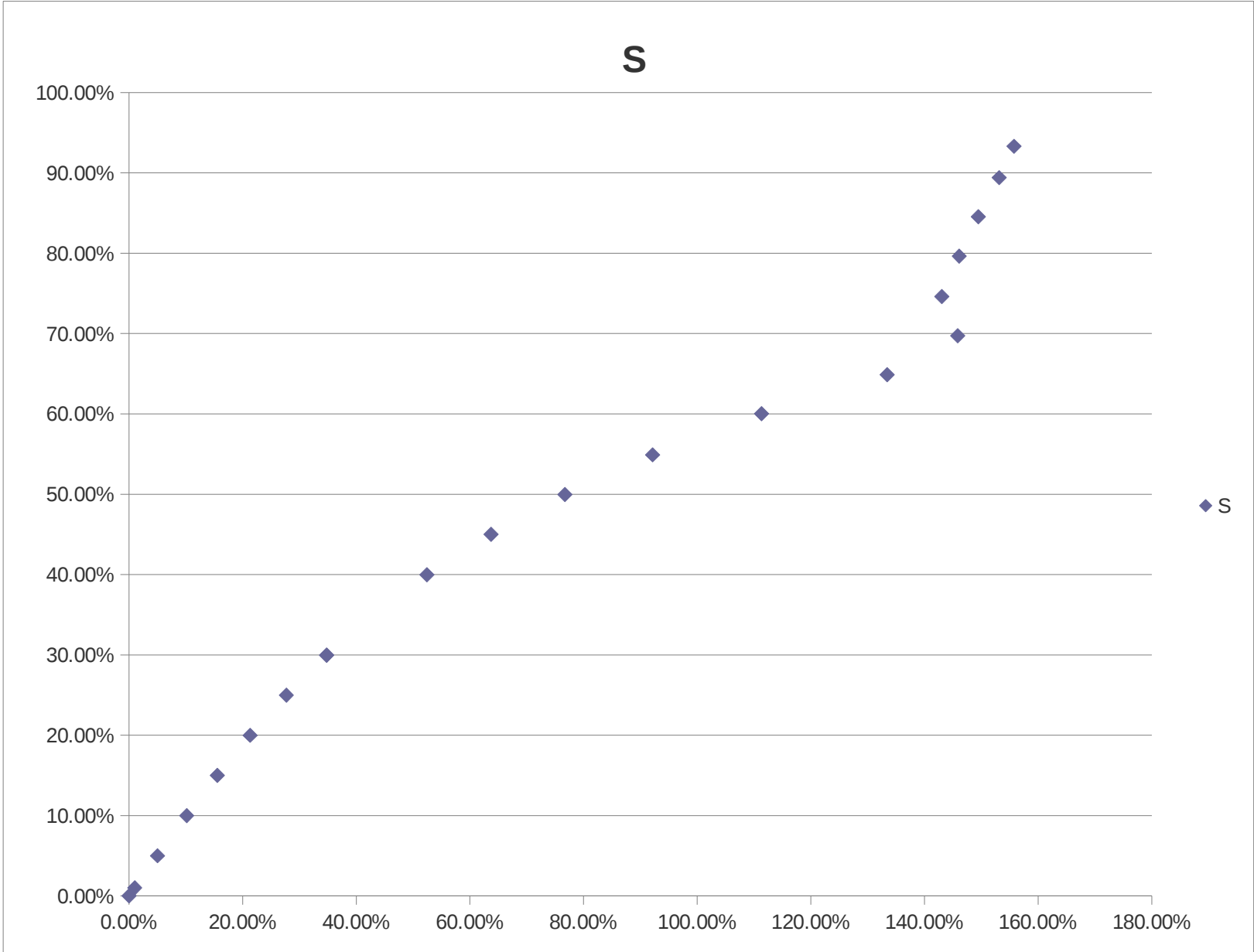
Naloga: Simuliraj delovanje sodostopa do prenosnega medija po protokolu A**Podatki:**

20 Delovnih postaj
10000000 Hitrost prenosnega medija [bit/s]
10000 Velikost podatkovnega okvira na povezavni plasti [bit]
1000000 Približno število podatkovnih okvirov vključenih v simulacijo

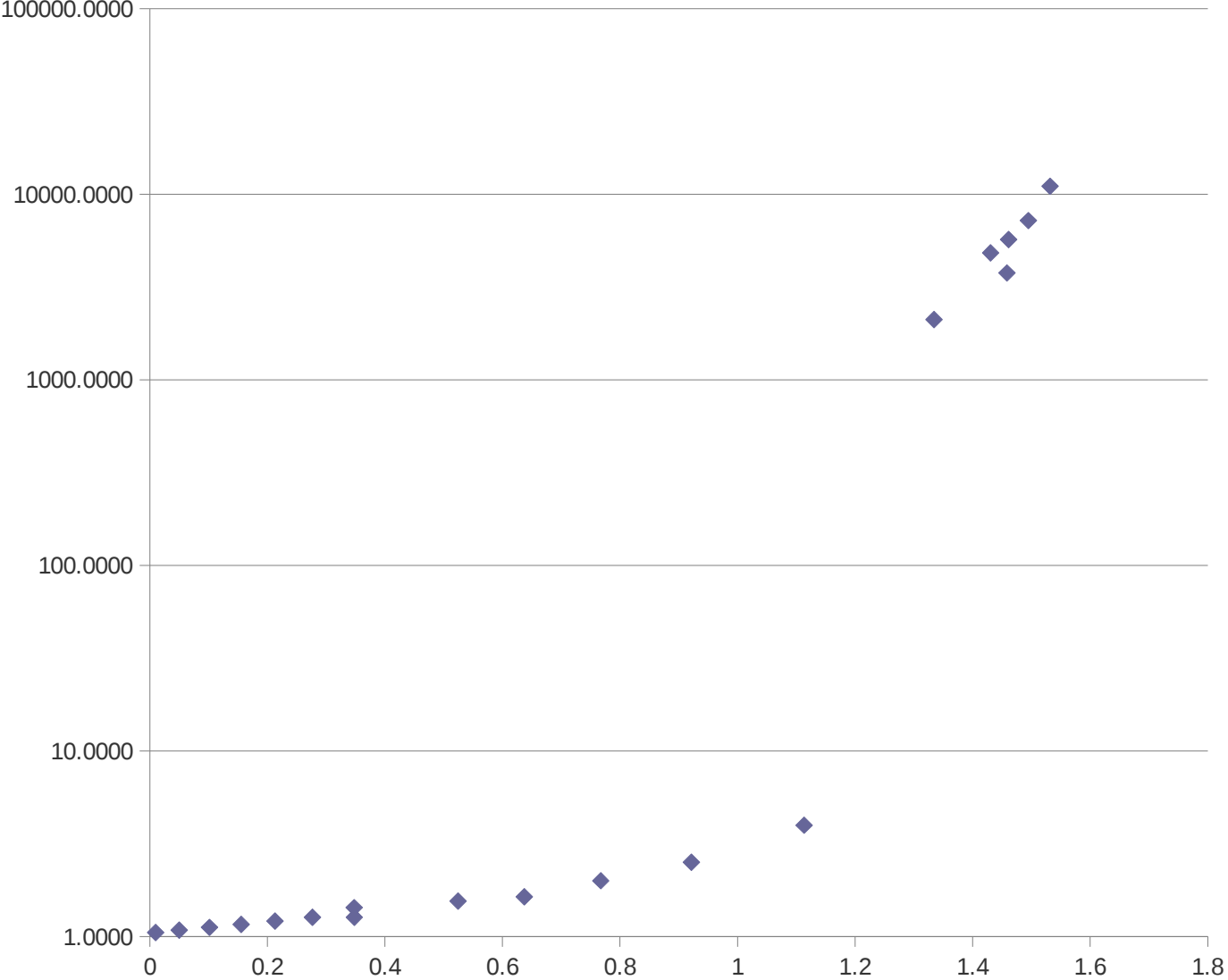
Zasedenost	Hitrost [bit/s]	IAT [s]	Preneseni	Trčeni	GO	Čas Sim [s]
1%	100000	2.0000	999215	211	999215	100000
5%	500000	0.4000	999215	4151	999215	20000
10%	1000000	0.2000	999215	15651	999215	10000
15%	1500000	0.1333	999518	36169	999518	6667
20%	2000000	0.1000	999215	66276	999215	5000
25%	2500000	0.0800	999215	108313	999215	4000
30%	3000000	0.0667	998655	160826	998655	3333
35%	3500000	0.0571	855916	137554	855916	2857
40%	4000000	0.0500	999214	311850	999214	2500
45%	4500000	0.0444	1000075	416246	1000075	2222
50%	5000000	0.0400	999213	535273	999213	2000
55%	5500000	0.0364	998163	677487	998163	1818
60%	6000000	0.0333	1000385	855010	1000385	1667
65%	6500000	0.0308	997965	1054868	997965	1538
70%	7000000	0.0286	996059	1087428	996059	1429
75%	7500000	0.0267	994863	912586	994863	1333
80%	8000000	0.0250	995532	830977	995532	1250
85%	8500000	0.0235	994488	764223	994488	1176
90%	9000000	0.0222	993433	708415	993433	1111
95%	9500000	0.0211	982208	657547	982208	1053
100%	10000000	0.0200				1000

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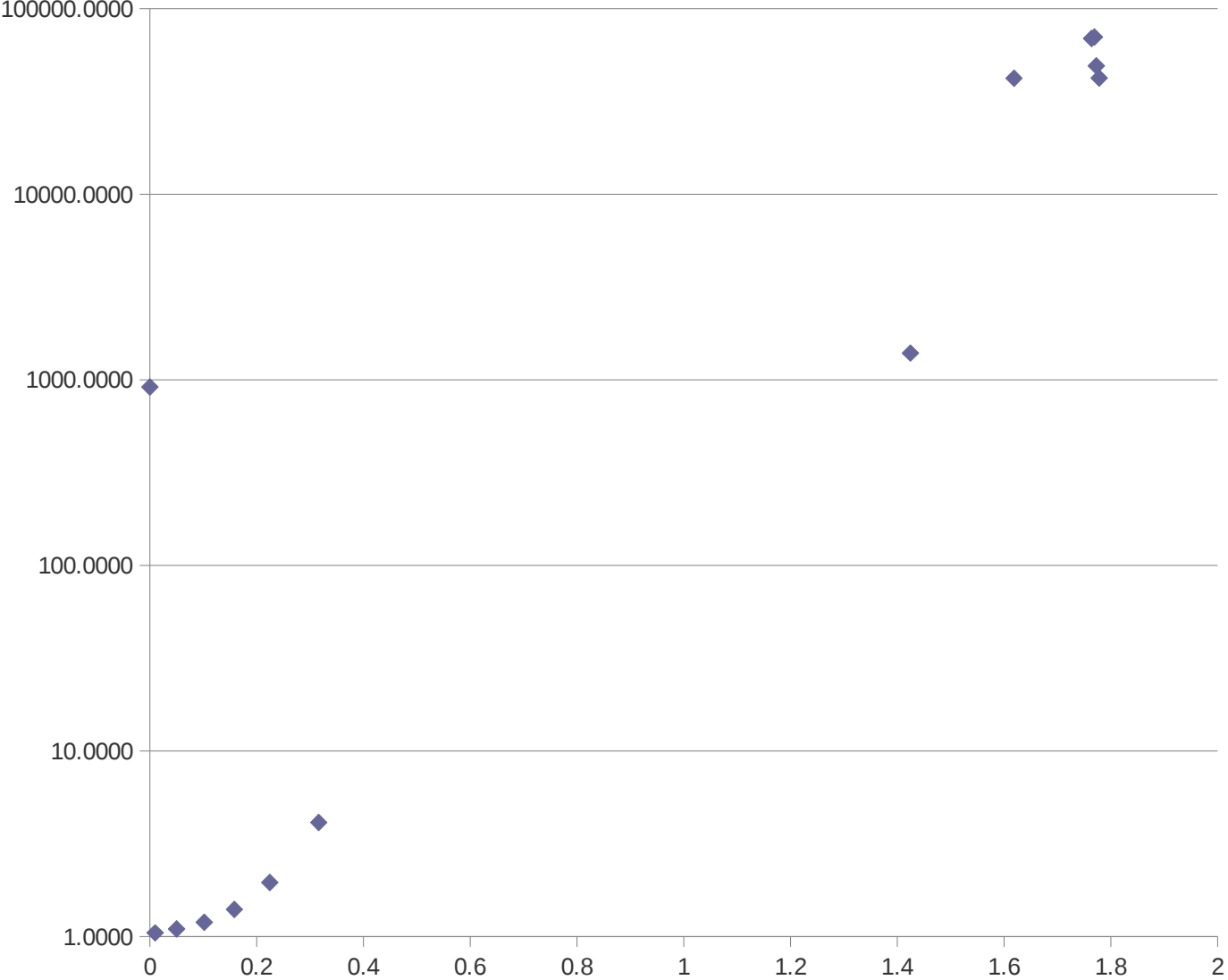
<u>Zakasnitev [ms]</u>	<u>G</u>	<u>S</u>
1.0290	1.00%	1.00%
1.0520	5.02%	5.00%
1.0840	10.15%	9.99%
1.1210	15.54%	14.99%
1.1620	21.31%	19.98%
1.2120	27.69%	24.98%
1.2700	34.78%	29.96%
1.2700	34.77%	29.96%
1.4330	52.44%	39.97%
1.5560	63.73%	45.00%
1.6380	76.72%	49.96%
2.0000	92.16%	54.90%
2.5190	111.32%	60.02%
3.9810	133.43%	64.87%
2111.4350	145.84%	69.72%
3763.9220	143.06%	74.61%
4827.3710	146.12%	79.64%
5700.1840	149.49%	84.53%
7212.6410	153.17%	89.41%
11040.9250	155.78%	93.31%
	0.00%	0.00%



Zakasnitev [ms]



Zakasnitev [ms]

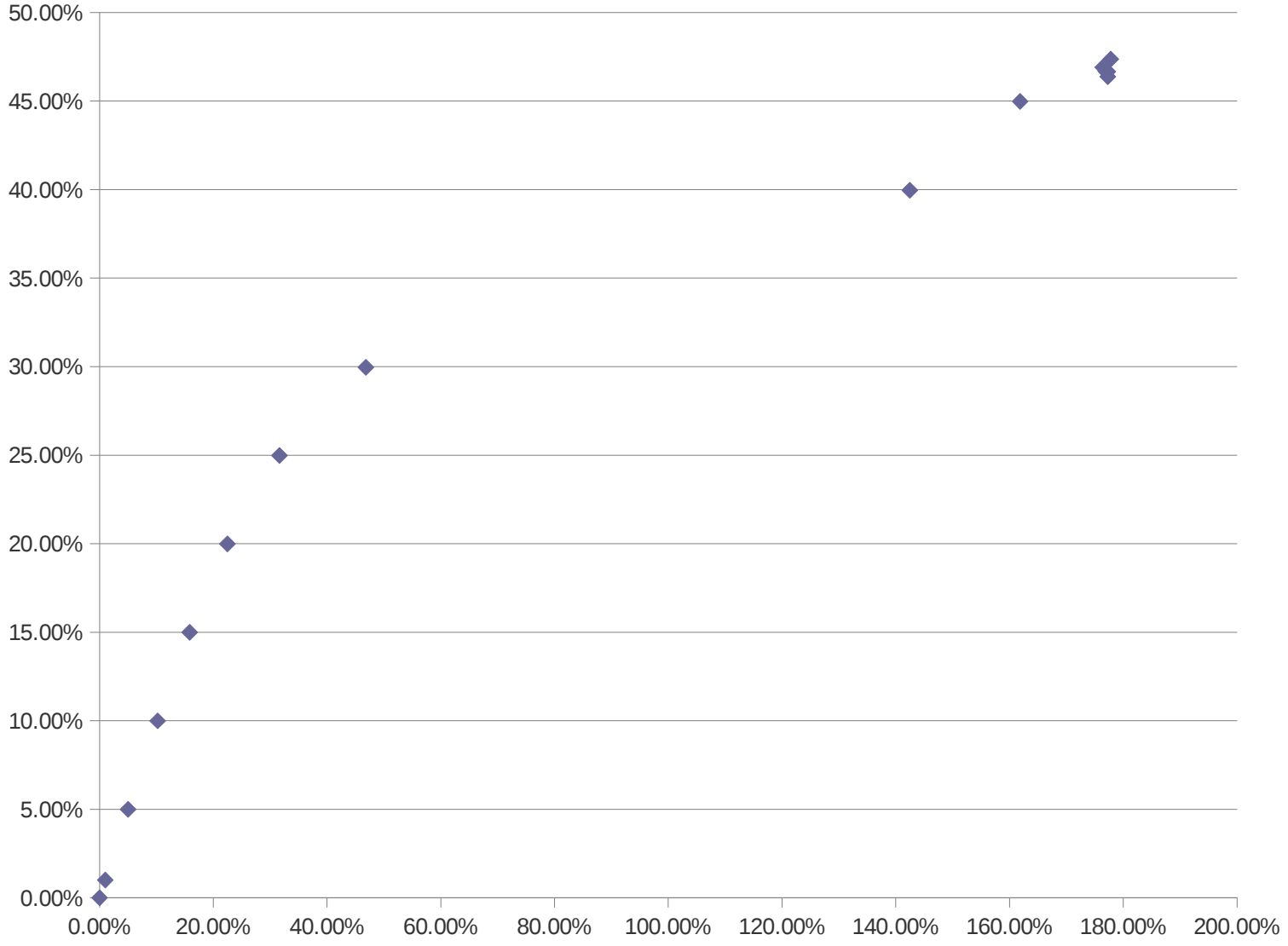


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20 Delovnih postaj
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1000000 Približno število podatkovnih okvirov vključenih v simulacijo

Zasedenost	Hitrost [bit/s]	IAT [s]	Preneseni	Trčeni	G0	Čas Sim [s]
1%	100000	2.0000	999215	400	999215	100000
5%	500000	0.4000	999215	5503	999215	20000
10%	1000000	0.2000	999215	21423	999215	10000
15%	1500000	0.1333	999518	56409	999518	6667
20%	2000000	0.1000	999215	125095	999215	5000
25%	2500000	0.0800	999215	266215	999215	4000
30%	3000000	0.0667	998655	562376	998655	3333
35%	3500000	0.0571				2857
40%	4000000	0.0500	998891	2562965	998891	2500
45%	4500000	0.0444	999566	2597607	999566	2222
50%	5000000	0.0400	450209	1239864	450205	951
55%	5500000	0.0364	280867	775471	280867	599
60%	6000000	0.0333	295502	824450	195502	633
65%	6500000	0.0308	238893	668774	238893	512
70%	7000000	0.0286	137507	388077	137507	297
75%	7500000	0.0267				
80%	8000000	0.0250				
85%	8500000	0.0235				
90%	9000000	0.0222				
95%	9500000	0.0211				
100%	10000000	0.0200				

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