

distance	coun	t
	1	15
	2	20
	3	12
	4	14
	5	11
	6	17
	7	16
	8	11
	9	17
	10	14
	11	16
	12	15
	13	13
	14	13
	15	14
	16	14
	17	12
	18	18
	19	8
	20	14
	21	12
	22	6
	23	9
	24	13
	25	10
	26	10
	27	9
	28	9
	29	9
	30	14
	31	7

32	10
33	6
34	8
35	9
36	14
37	6
38	2
39	11
40	5
41	13
42	10
43	6
44	10
45	13
46	11
47	11
48	8
49	10
50	4
51	8
52	7 7
53	7
54	9 6
55	6
56	5
57	5 7
58	3
59	5
60	2
61	7
62	10
63	4

64	8
65	$\epsilon$
66	9
67	9 8 6
68	$\epsilon$
69	4
70	4 6 5 8 6 4
71	5
72	8
72 73	$\epsilon$
74	4
75	4
76 77	5
77	8
78	3
79	3
80	5 8 3 6 5 2 2 6 6
81	5
82	2
83	2
84	6
85	$\epsilon$
86	1
87	3
88	6
89	3
90	4
91	4
92	1
93	3
94	1
95	3

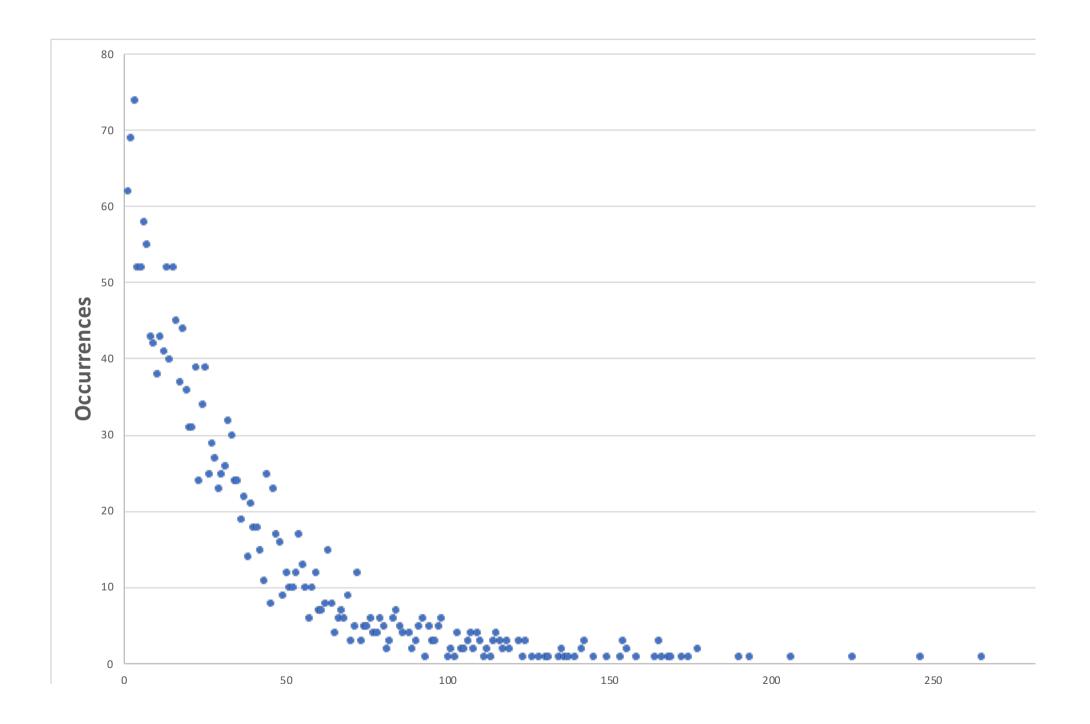
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99	5
100	1
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102	6
103	2
104	4
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106	5
107	4
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109	2
110	2
111	1
112	1
113	1
114	2
115	1
116	1
117	3
118	3
119	2
120	3
121	2
123	5
124	3
125	4
126	4
127	2
128	2

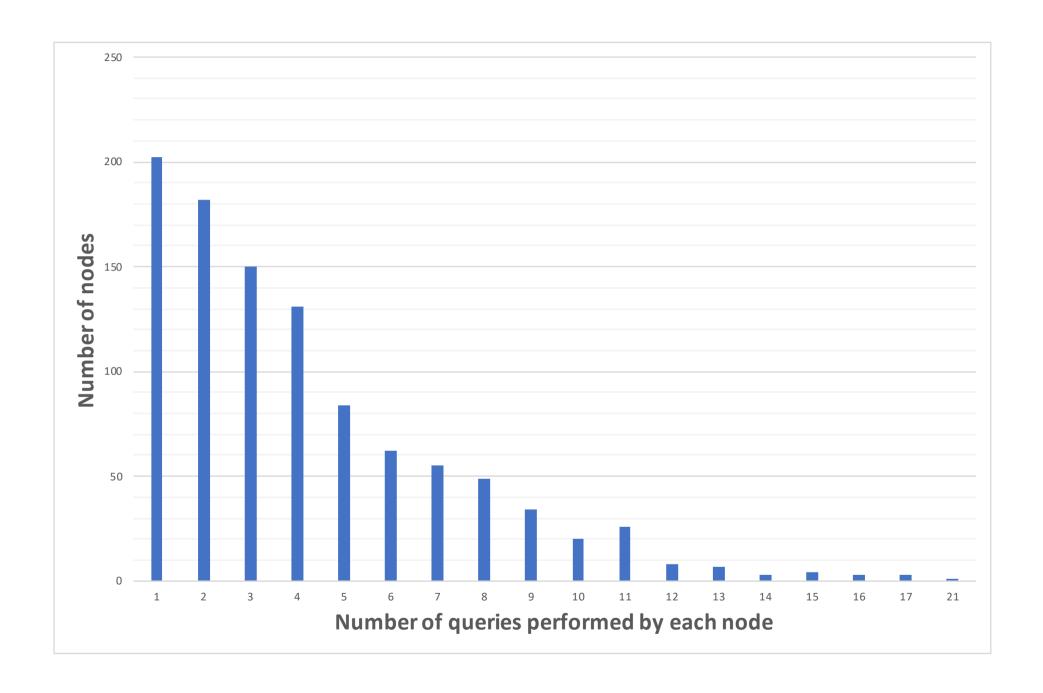
129	2
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134	6
136	3
137	5
138	8
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140	1
141	1
142	3
143	1
145	2
147	2
148	2
149	2
150	1
151	3
152	1
153	1
155	4
156	1
157	1
158	2
159	1
160	1
161	3
162	2
163	2
164	4
165	2

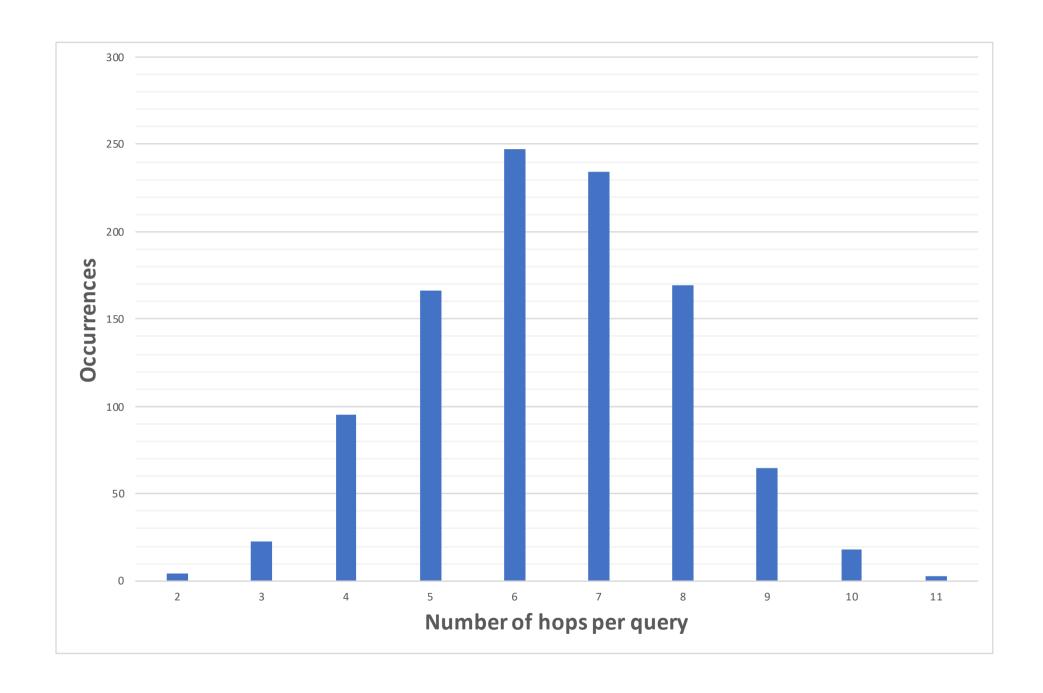
166	1
168	1
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173	1
174	1
176	1
177	1
180	3
181	1
183	1
187	1
188	1
190	1
193	1
194	2
195	2
198	1
199	1
202	1
203	2
204	1
205	1
206	1
207	3
211	1
220	3
221	1
226	2
229	1
233	1
236	3
238	1

	243	2
	247	1
	249	2
	250	1
	254	1
	269	1
	273	1
	276	1
	277	1
	278	1
	283	1
	284	1
	285	1
	286	1
	289	1
	298	1
	307	2
	319	2
	330	1
	332	1
query_number	node	S
	1	114
	2	98
	3	73
	4	62
	5	44
	6	42
	7	23
	8	27
	9	11
	10	6

	11	5
	12	4
	13	2
	15	1
hops_per_query	times	5
	2	7
	3	30
	4	66
	5	103
	6	133
	7	109
	8	47
	9	17







distance	cour	nt
	1	62
	2	69
	3	74
	4	52
	5	52
	6	58
	7	55
	8	43
	9	42
	265	1
	10	38
	11	43
	12	41
	13	52
	14	40
	15	52
	16	45
	17	37
	18	44
	19	36
	20	31
	21	31
	22	39
	23	24
	24	34
	25	39
	26	25
	27	29
	28	27
	29	23
	30	25

31	26
32	32
33	30
34	24
35	24
36	19
37	22
38	14
39	21
40	18
41	18
42	15
43	11
44	25
45	8
46	23
47	17
48	16
49	9
50	12
51	10
52	10
53	12
54	17
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56	10
57	6
58	10
59	12
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61	7
62	8

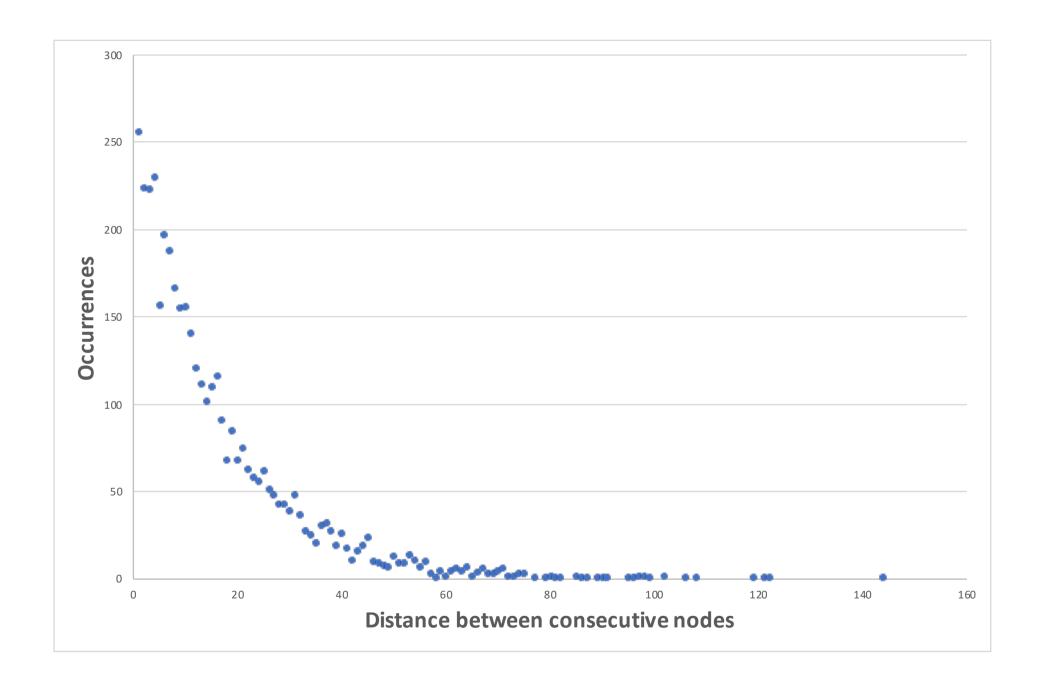
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64	8
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66	6
67	4 6 7
68	6
69	9
70 71	3
71	5
72	12
73	3
74	
74 75	5
76	6
77	4
78	5 6 4 4 6
79	6
80	5 2
81	2
82	3
83	6
84	7
85	3 6 7 5 4
86	4
88	4
89	2
90	3
91	5
92	3 5 6
93	1
94	5
95	3

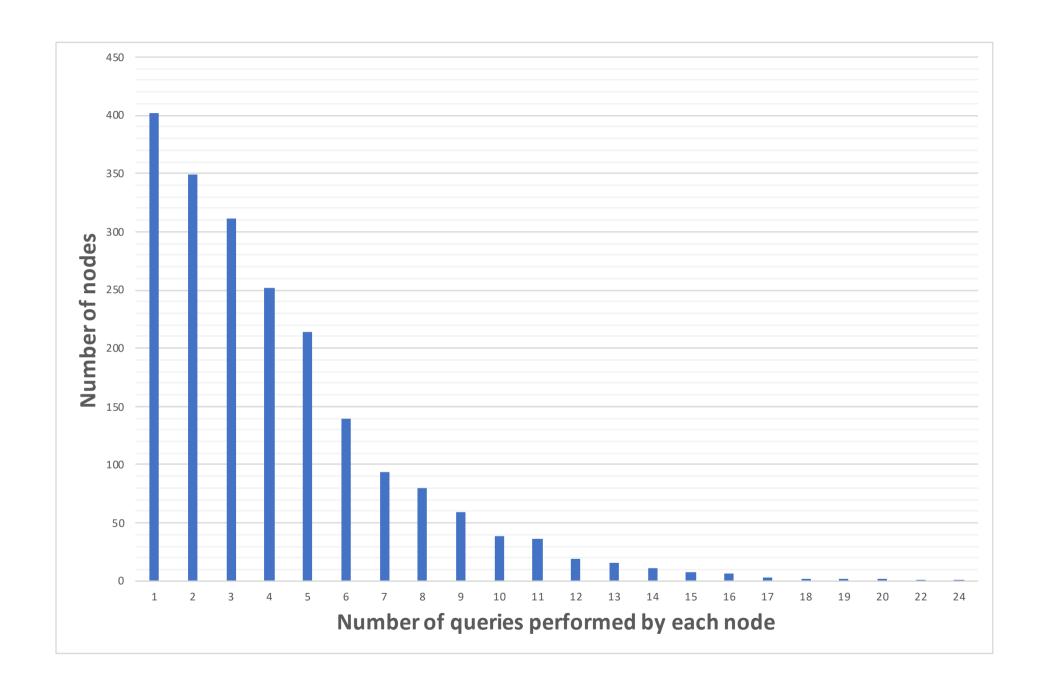
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101	2
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110	3
111	1
112	2
113	1
114	3
115	4
116	3
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118	3
119	2
122	3
123	1
124	3
126	1
128	1
130	1
131	1
134	1
135	2

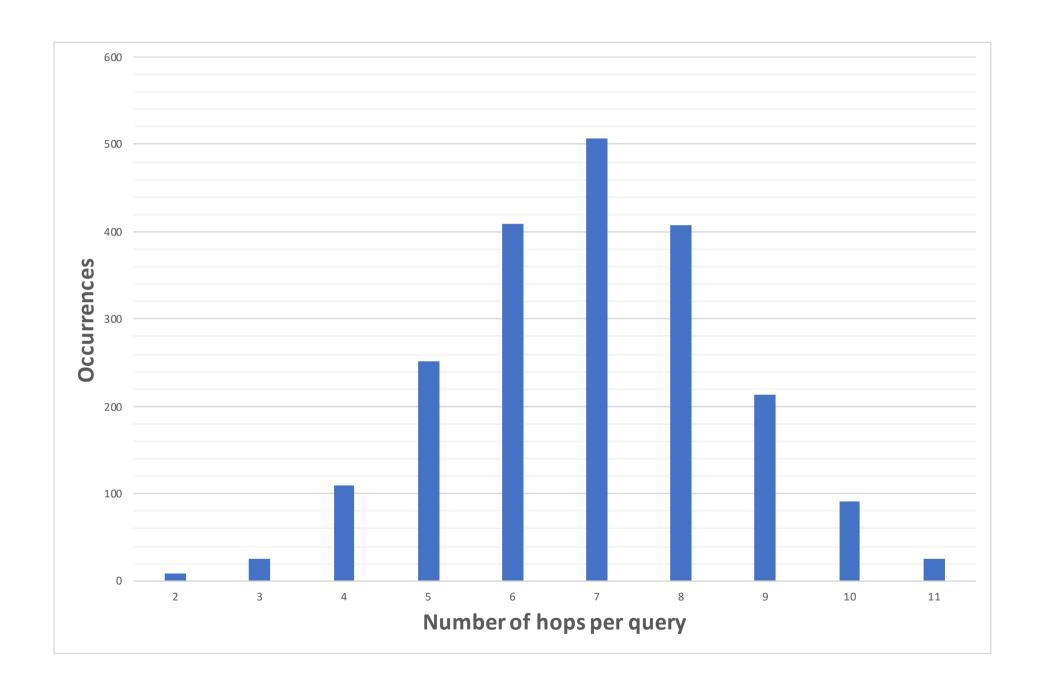
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137	1
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141	2
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145	1
149	1
153	1
154	3
155	2
158	1
164	1
165	3
166	1
168	1
169	1
172	1
174	1
177	2
190	1
193	1
206	1
225	1
246	1
nodes	
1	202
2	182
3	150
4	131
5	84

query\_number

	7	55
	8	49
	9	34
	10	20
	11	26
	12	8
	13	7
	14	3
	15	4
	16	3
	17	3
	21	1
hops_per_query	time	S
	2	4
	3	23
	4	95
	5	166
	6	247
	7	234
	8	169
	9	65
	10	18
	11	3







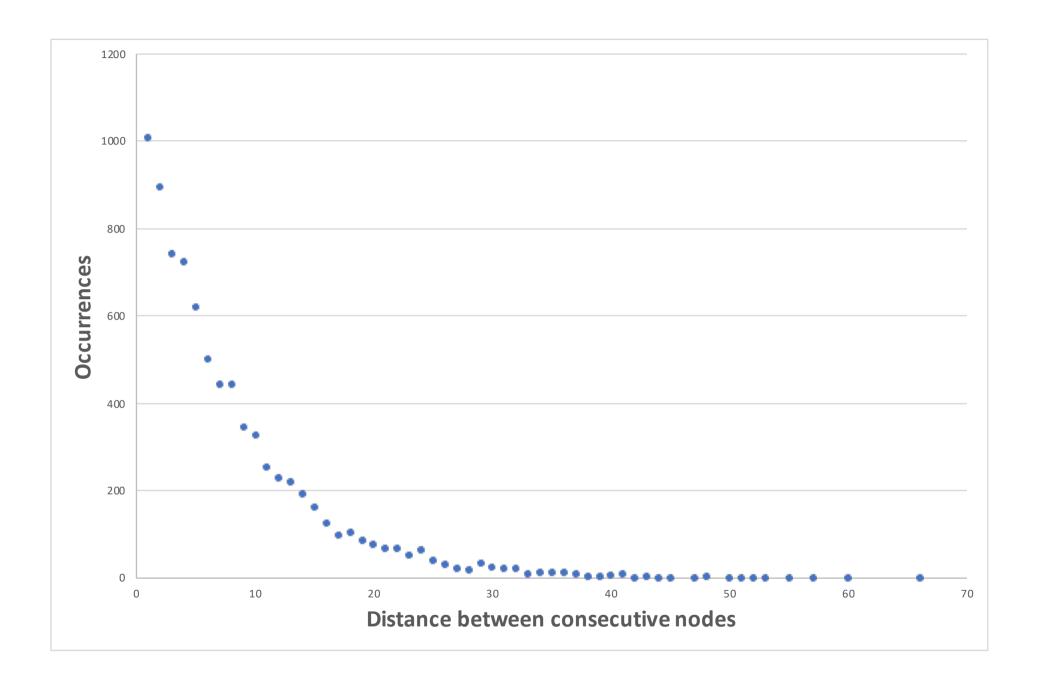
distance	CO	unt
	1	256
	2	224
	3	223
	4	230
	5	157
	6	197
	7	188
	8	167
	9	155
	10	156
	11	141
	12	121
	13	112
	14	102
	15	110
	16	116
	17	91
	18	68
	19	85
	20	68
	21	75
	22	63
	23	58
	24	56
	25	62
	26	51
	27	48
	28	43
	29	43
	30	39
	31	48

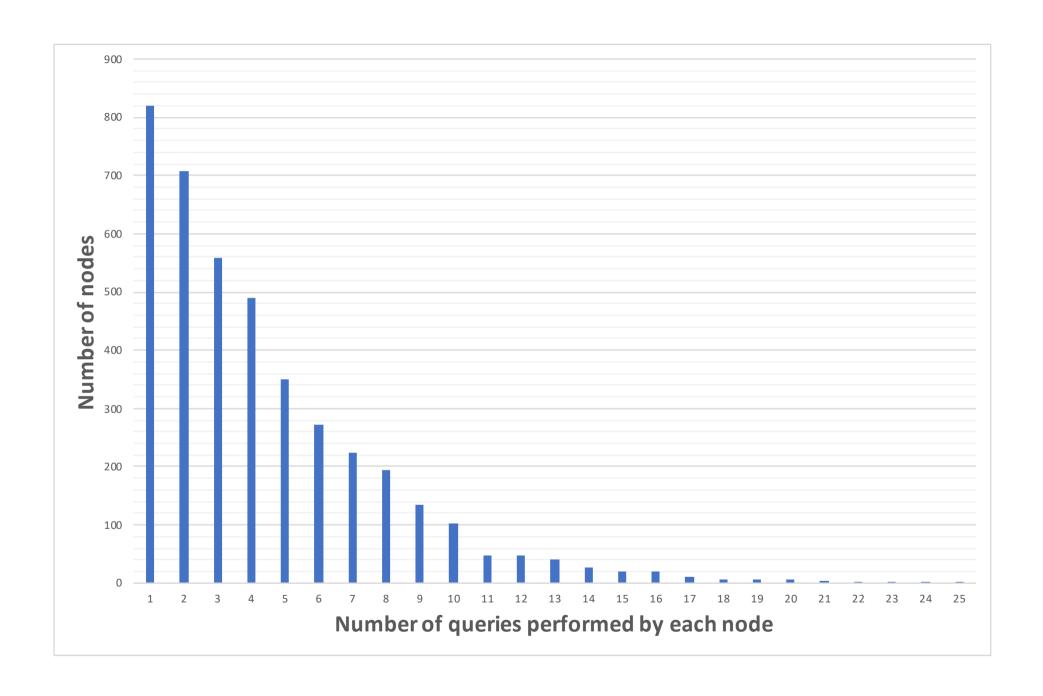
32	37
33	28
34	25
35	21
36	31
37	32
38	28
39	19
40	26
41	18
42	11
43	16
44	19
45	24
46	10
47	9
48	8
49	7
50	13
51	9
52	9
53	14
54	11
55	7
56	10
57	3
58	1
59	5
60	2
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62	6
63	5

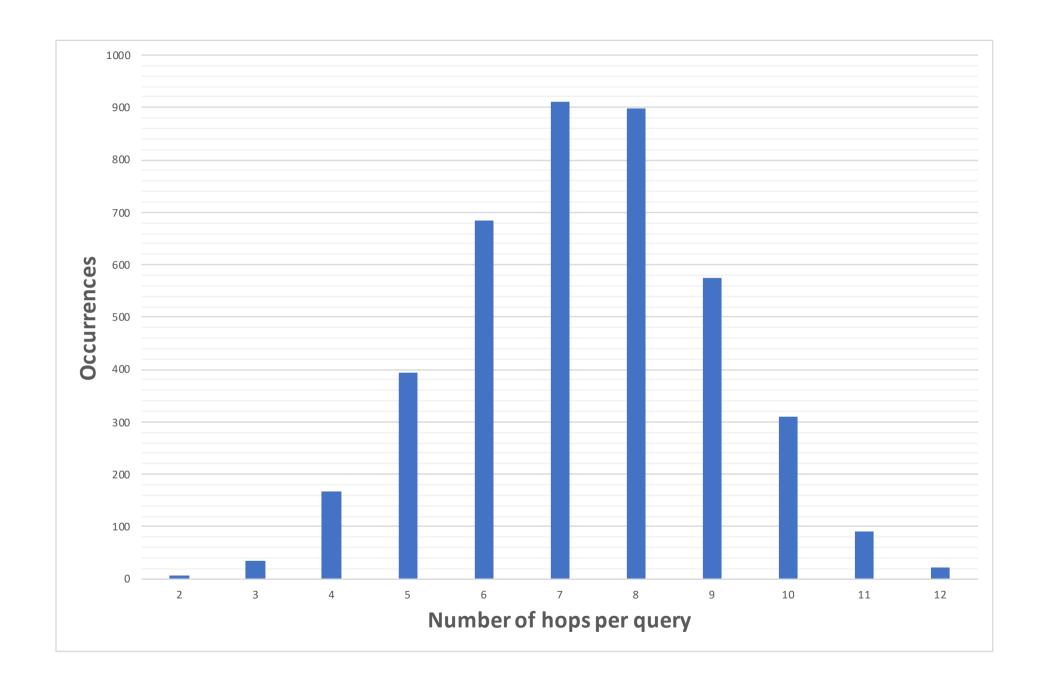
64	7
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67	6
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70	5 6 2
71	6
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73	2
74	3
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79	1 2
80	
81	1
82	1
85	2
86	1
87	1
89	1
90	1
91	1
95	1
96	1
97	2
98	2
99	1
102	2
106	1
108	1
119	1

	121 122		1 1	
	144		1	
query_number		nodes		
	1		402	
	2		349	
	3		311	
	4		252	
	5		214	
	6		140	
	7		94	
	8		80	
	9		59	
	10		39	
	11		36	
	12		19	
	13		16	
	14		11	
	15		8	
	16		7	
	17		3	
	18		2	
	19		2	
	20		2	
	22		1	
	24		1	
hops_per_query		times		
	2		9	
	3		26	
	4		109	

5	252	
6	409	
7	507	
8	407	
9	213	
10	91	
11	25	







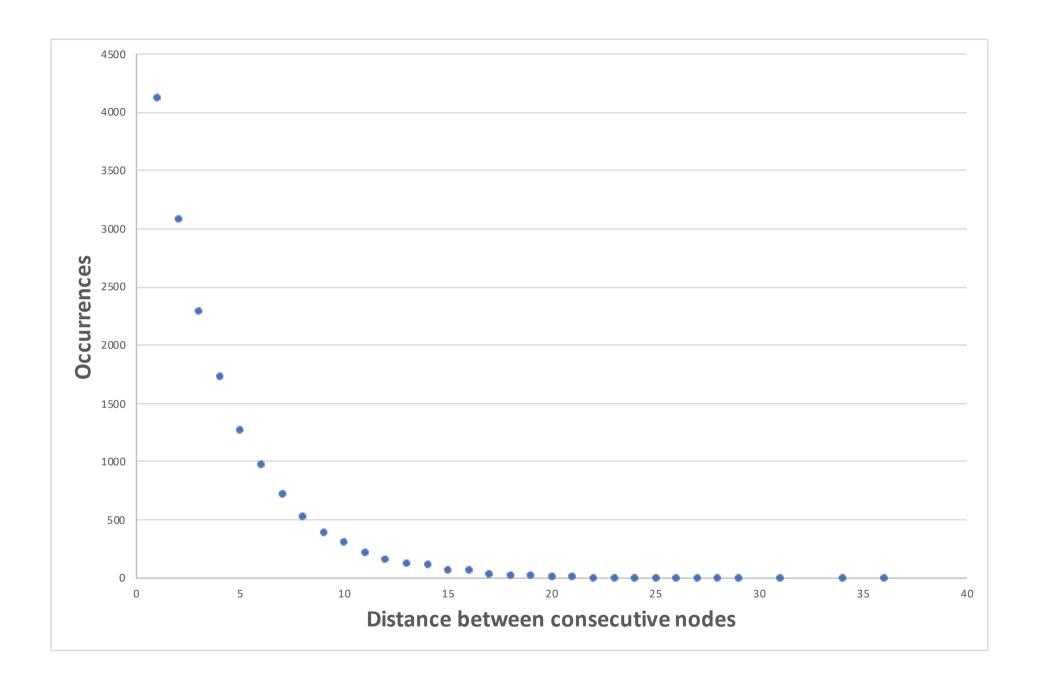
distance	cc	ount
distance	1	1008
	2	895
	3	742
	4	726
	5	620
	6	503
	7	445
	8	444
	9	346
	10	329
	11	254
	12	231
	13	221
	14	194
	15	162
	16	125
	17	97
	18	106
	19	86
	20	78
	21	69
	22	69
	23	53
	24	65
	25	39
	26	32
	27	22
	28	20
	29	34
	30	25
	31	23

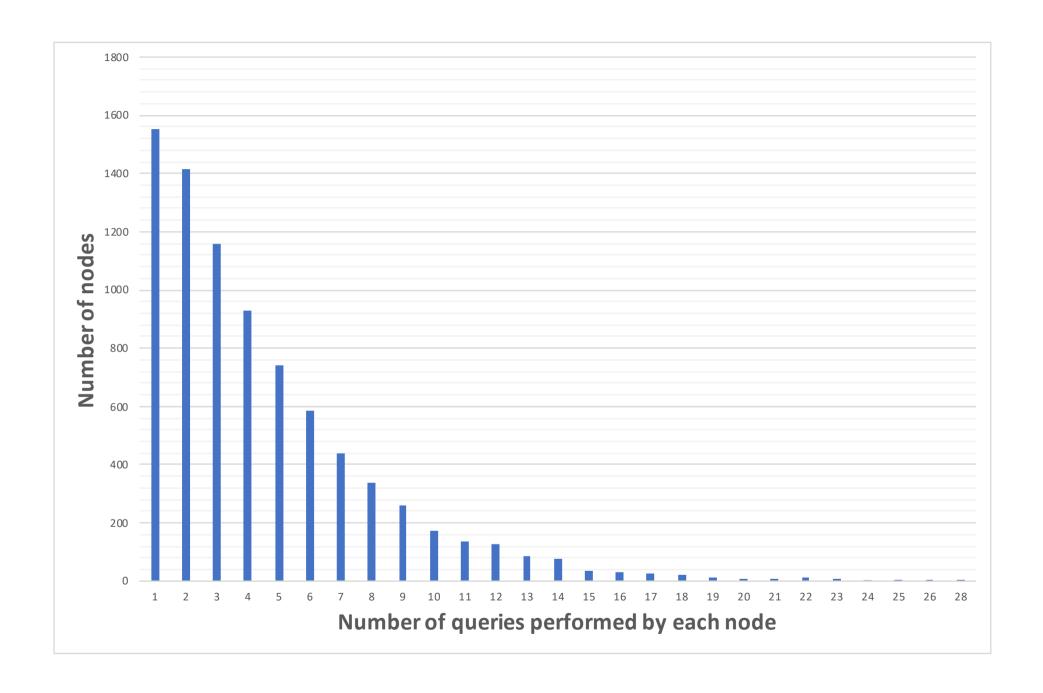
32	22
33	9
34	13
35	14
36	13
37	9
38	5
39	3
40	6
41	10
42	2
43	3 2
44	2
45	2
47	2
48	3
50	1
51	2
52	2
53	1
55	1
57	1
60	2
66	1
nodes	
1	819
2	707
3	559
4	490
5	351
6	272

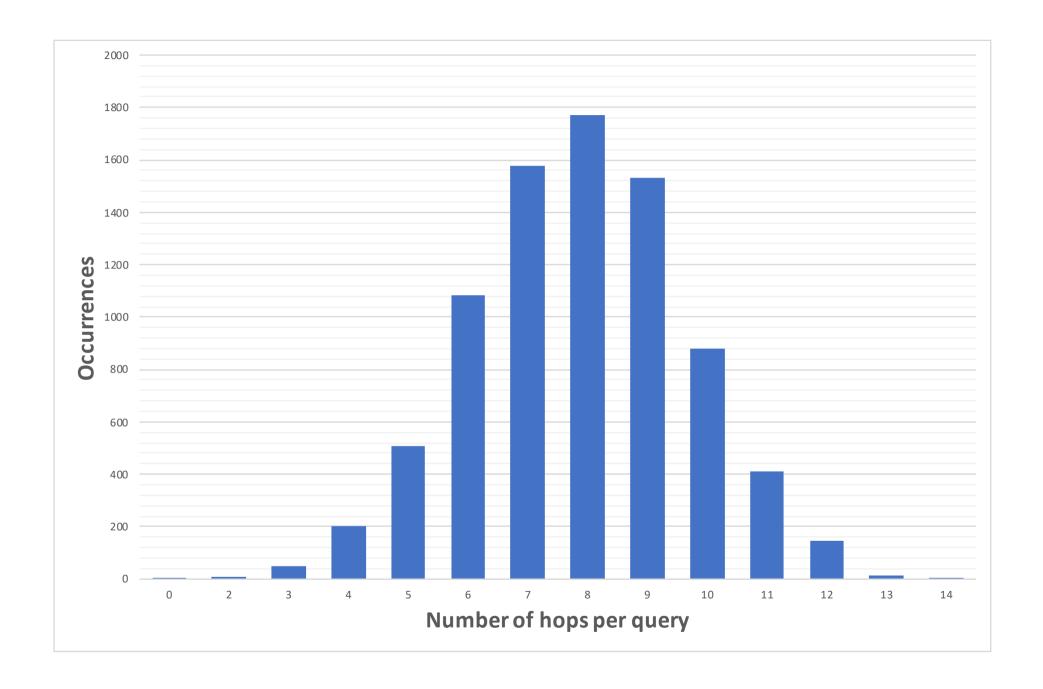
query\_number

7	225
8	194
9	135
10	103
11	47
12	48
13	40
14	28
15	20
16	20
17	10
18	7
19	7
20	7
21	3
22	1
23	1
24	1
25	1
times	
2	6
3	35
4	168
5	395
6	684
7	912
8	897
9	576
10	311
11	90
12	22
==	

hops\_per\_query







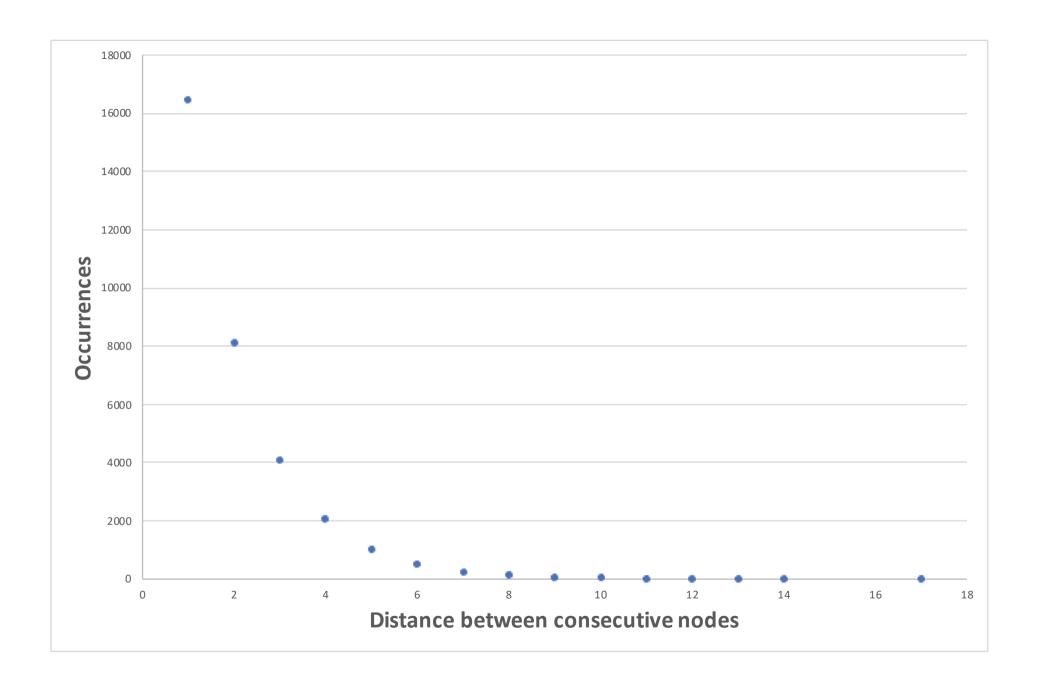
distance	cou	nt
distance	1	4132
	2	3084
	3	2290
	4	1729
	5	1272
	6	979
	7	722
	8	535
	9	389
	10	317
	11	225
	12	163
	13	123
	14	123
	15	67
	16	69
	17	42
	18	27
	19	24
	20	17
	21	14
	22	7
	23	7
	24	7
	25	2
	26	3
	27	4
	28	7
	29	2
	31	1
	34	1

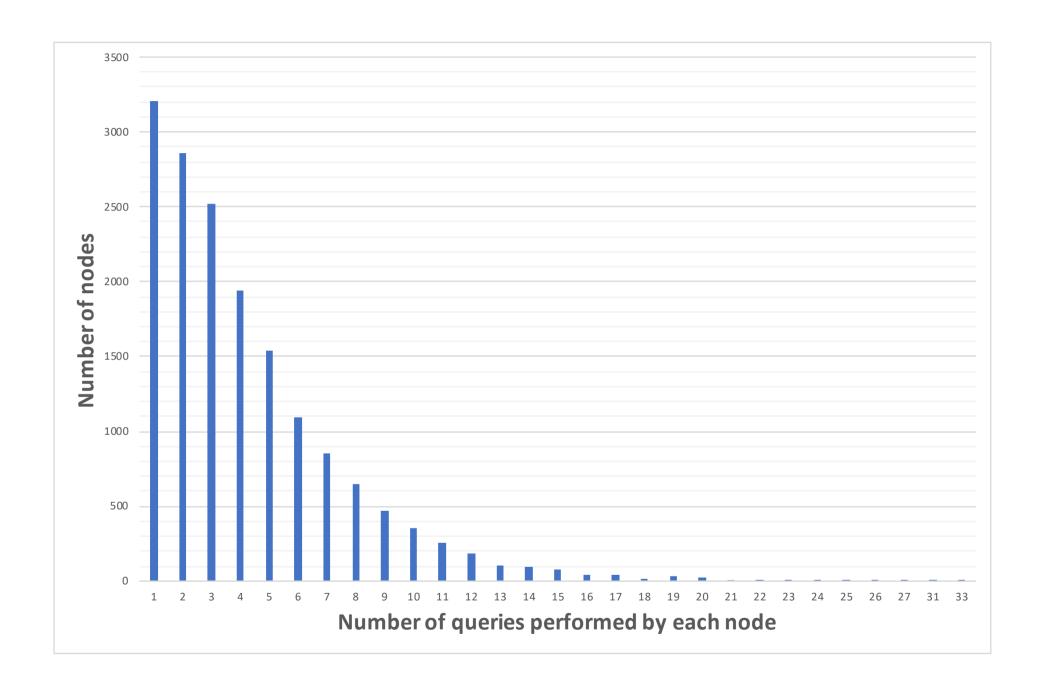
	36	1
query_number	node	!S
	1	1554
	2	1415
	3	1157
	4	931
	5	742
	6	584
	7	440
	8	340
	9	261
	10	173
	11	138
	12	129
	13	87
	14	76
	15	37
	16	29
	17	24
	18	21
	19	13
	20	6
	21	7
	22	12
	23	7
	24	5
	25	2
	26	1
	28	1

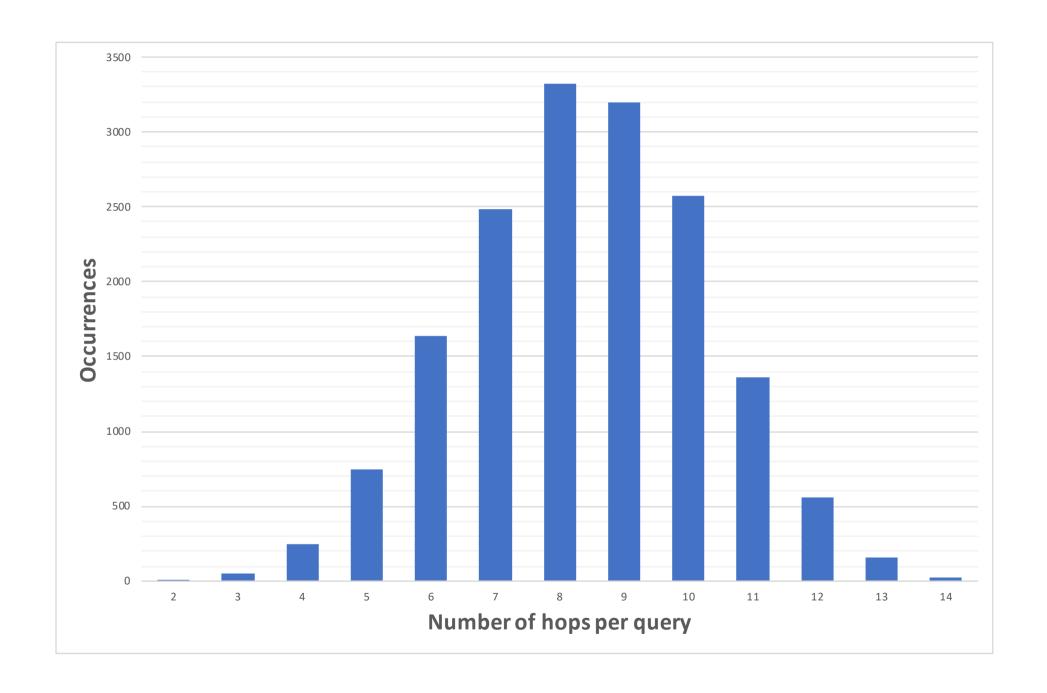
times

hops\_per\_query

0	2	
2	9	
3	51	
4	204	
5	507	
6	1085	
7	1575	
8	1772	
9	1534	
10	879	
11	411	
12	144	
13	15	
14	4	

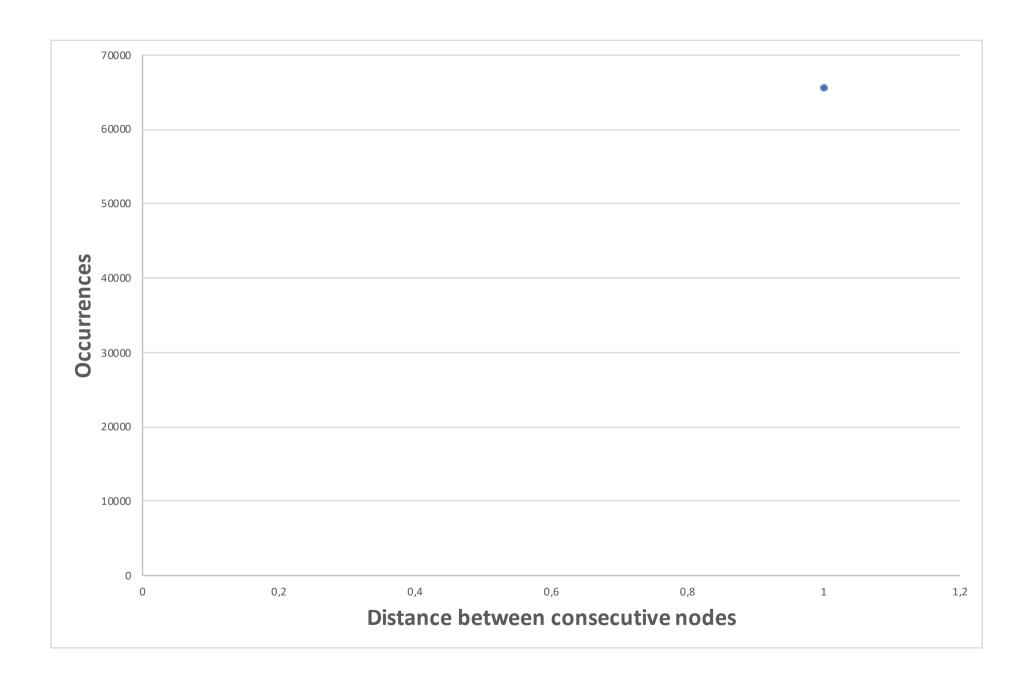


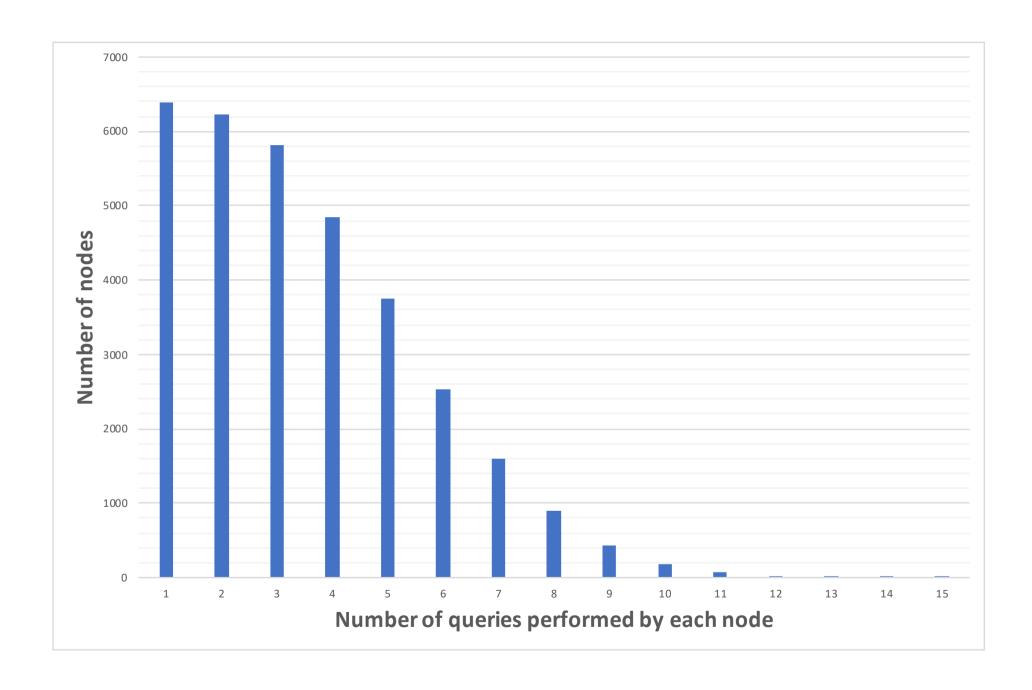


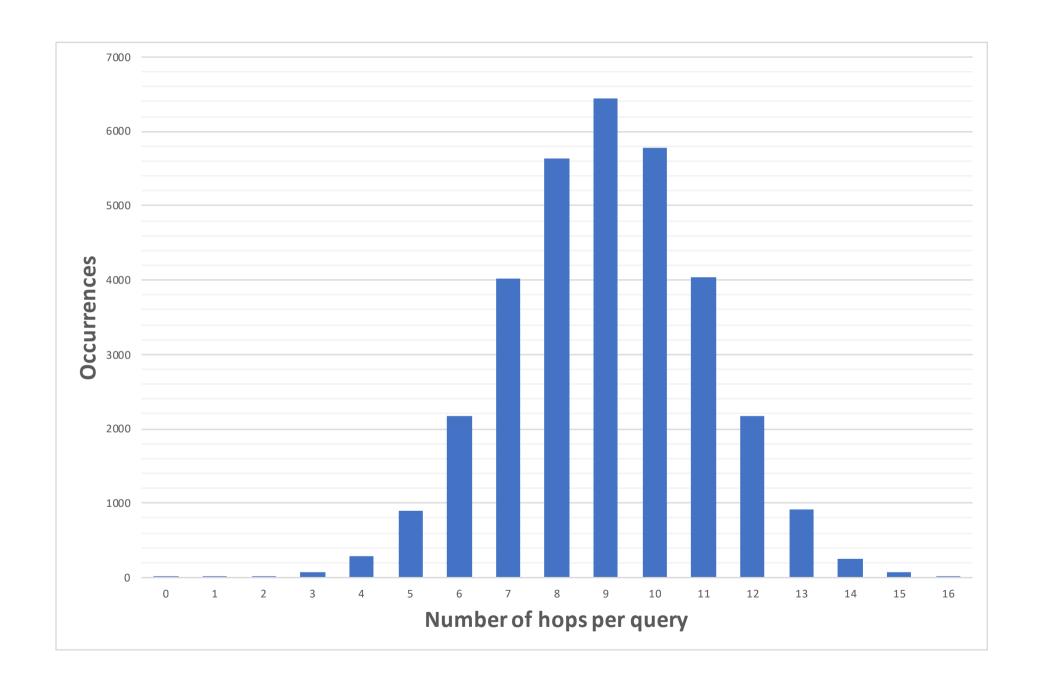


distance	coun	t
	1	16475
	2	8103
	3	4087
	4	2052
	5	1000
	6	528
	7	246
	8	138
	9	67
	10	36
	11	17
	12	10
	13	7
	14	1
	17	1
query_number	node	S
	1	3204
	2	2855
	3	2519
	4	1943
	5	1538
	6	1097
	7	849
	8	649
	9	473
	10	352
	11	259
	12	185
	13	103
	14	93

	15	75	
	16	46	
	17	43	
	18	13	
	19	31	
	20	20	
	21	9	
	22	8	
	23	3	
	24	7	
	25	2	
	26	4	
	27	2	
	31	1	
	33	1	
hops_per_query	tim		
	2	2	
	3	54	
	4	250	
	5	750	
	6	1639	
	7	2481	
	8	3323	
	9	3201	
	10	2574	
	11	1365	
	12	560	
	13	160	
	14	25	

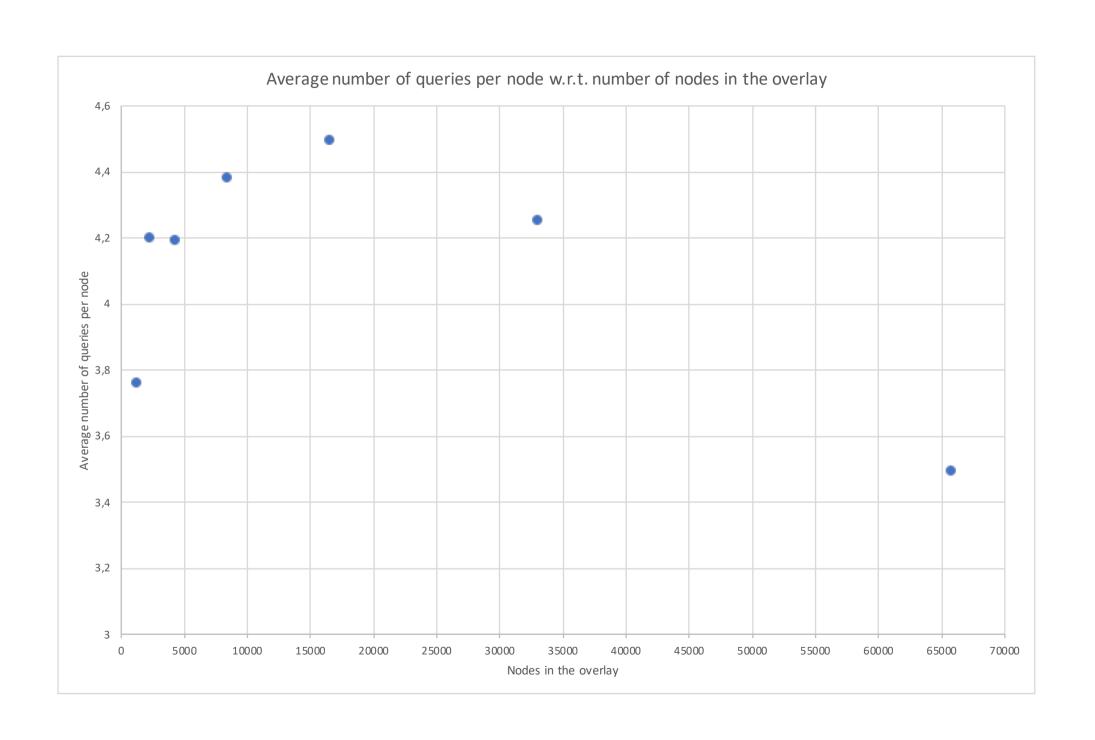


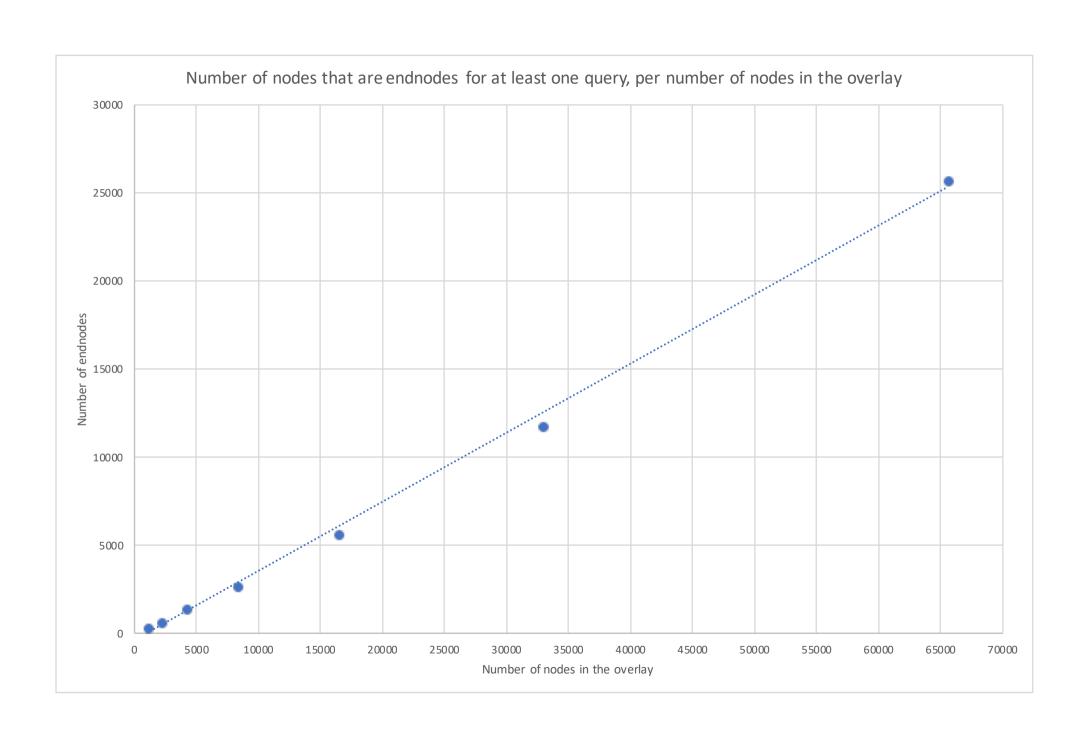


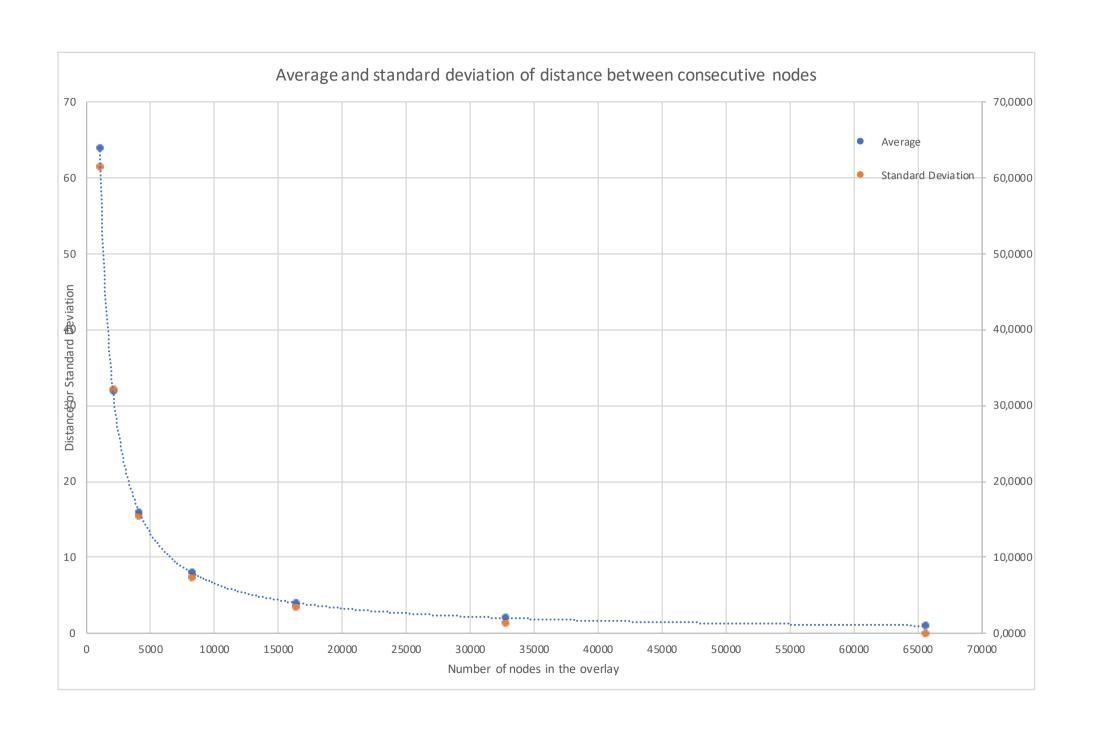


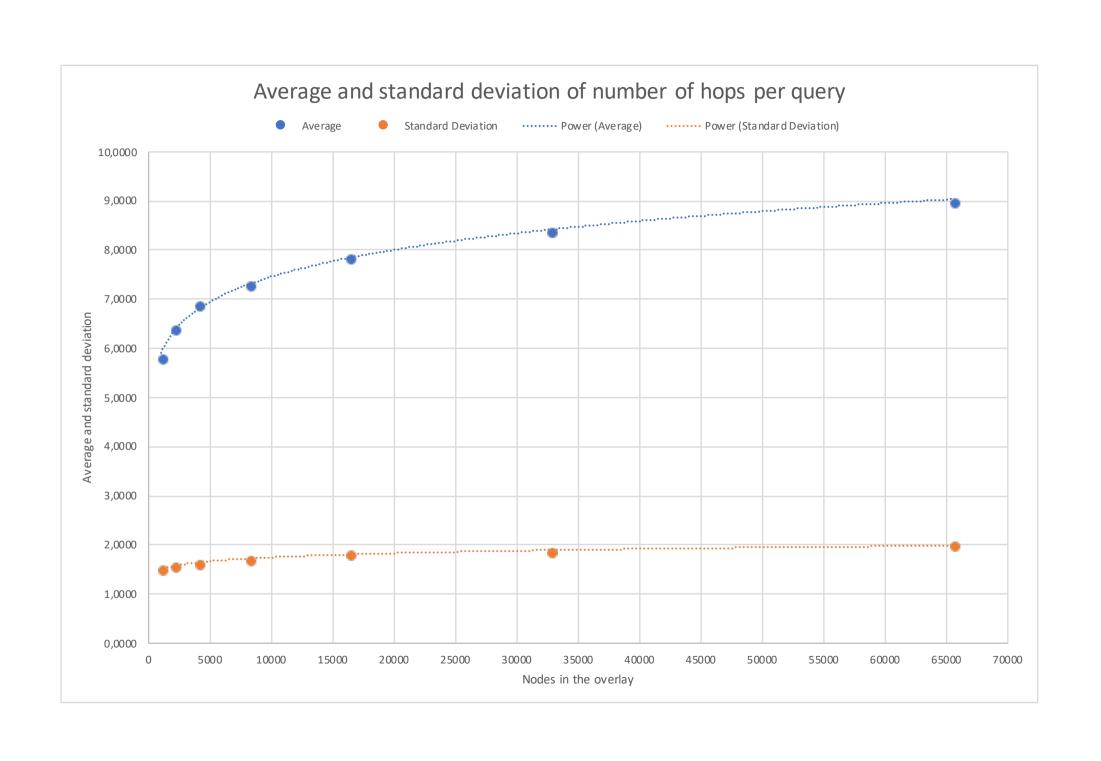
distance	count 1	65536
query_number	nodes	5
' '-	1	6396
	2	6224
	3	5810
	4	4850
	5	3748
	6	2526
	7	1606
	8	906
	9	434
	10	172
	11	67
	12	15
	13	11
	14	1
	15	2
hops_per_query	times	;
. — — .	0	1
	1	1
	2	12
	3	70
	4	289
	5	890
	6	2173
	7	4023
	8	5643
	9	6446
	10	5776

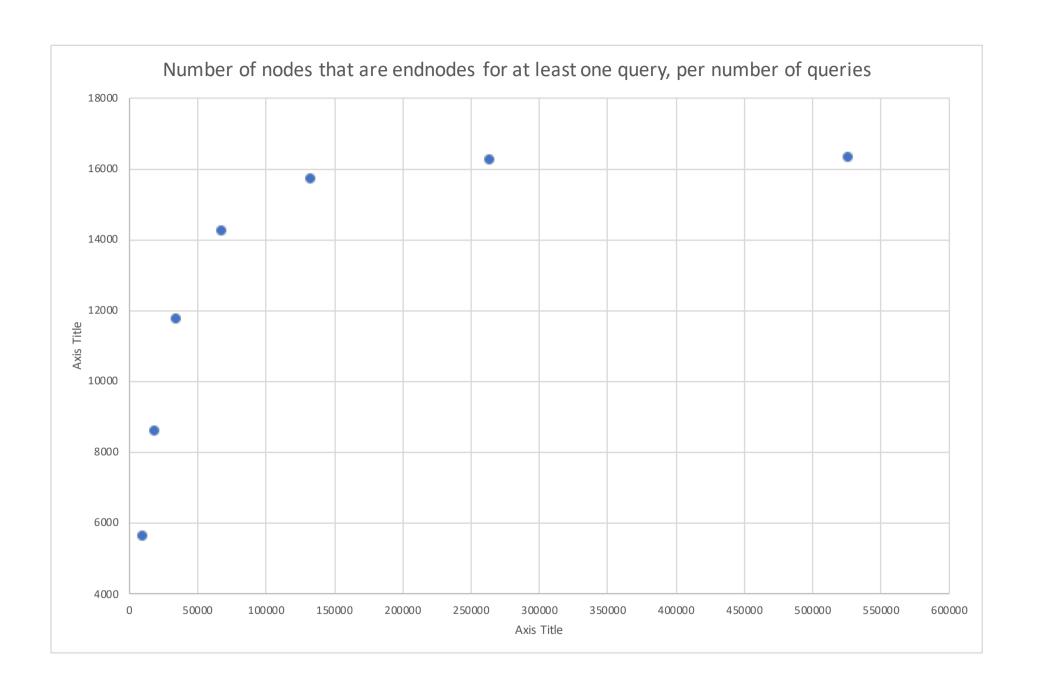
11	4037
12	2166
13	913
14	258
15	64
16	6

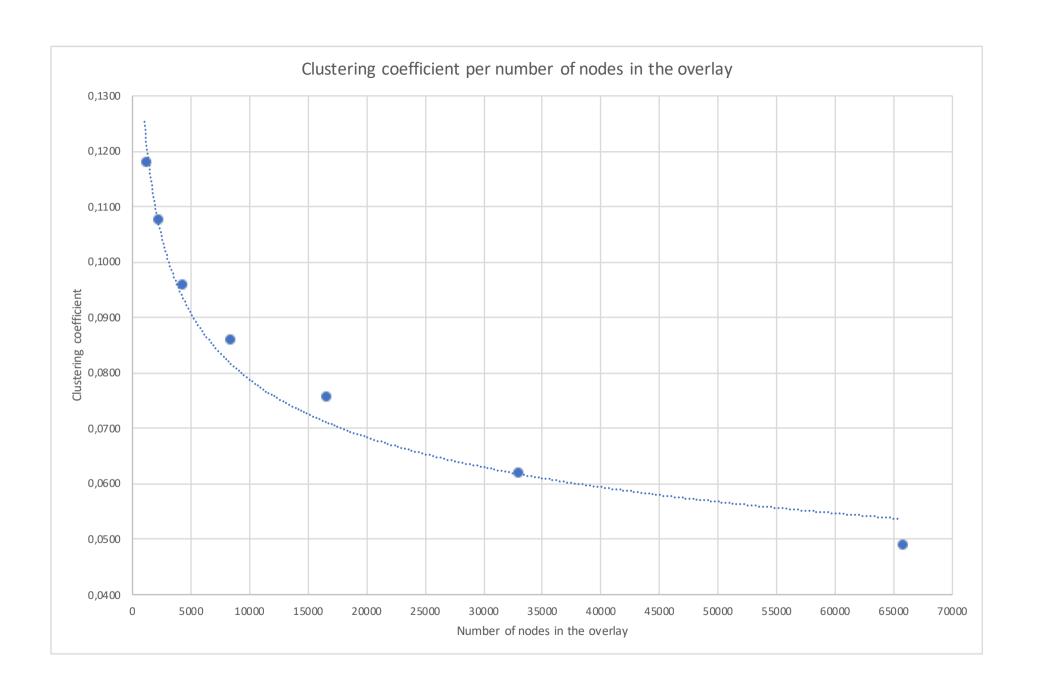


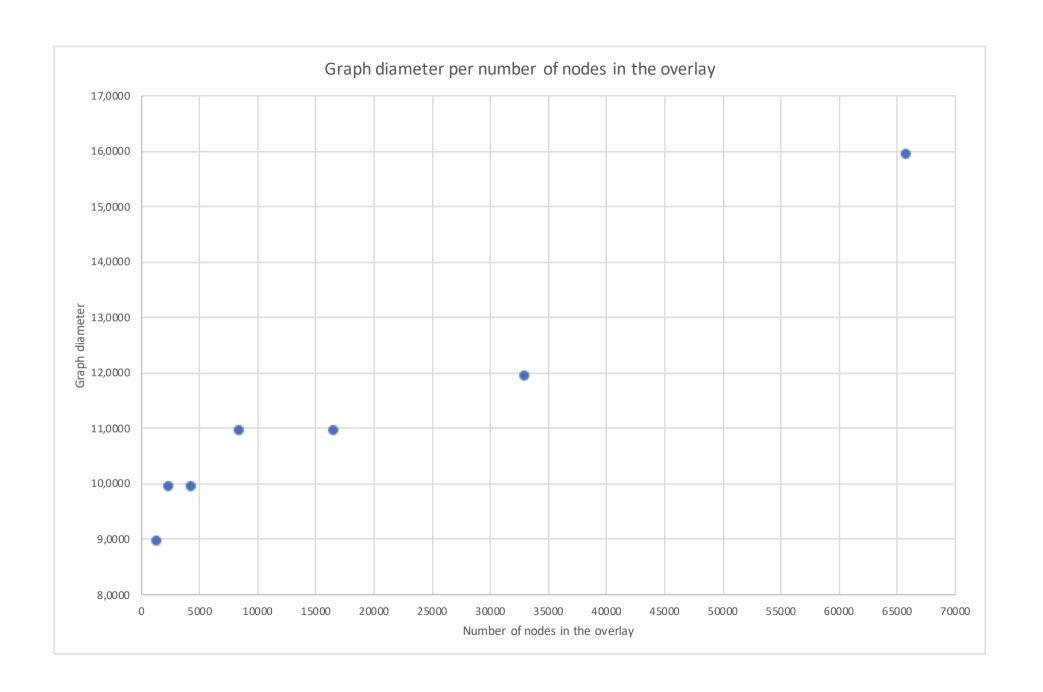


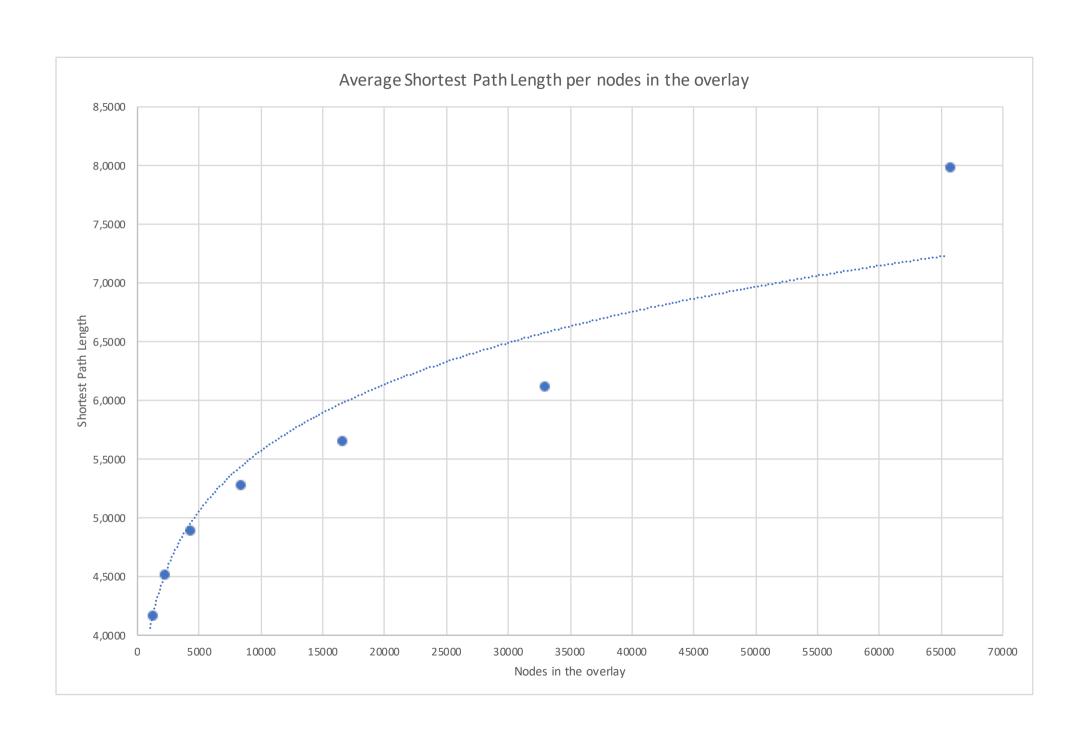


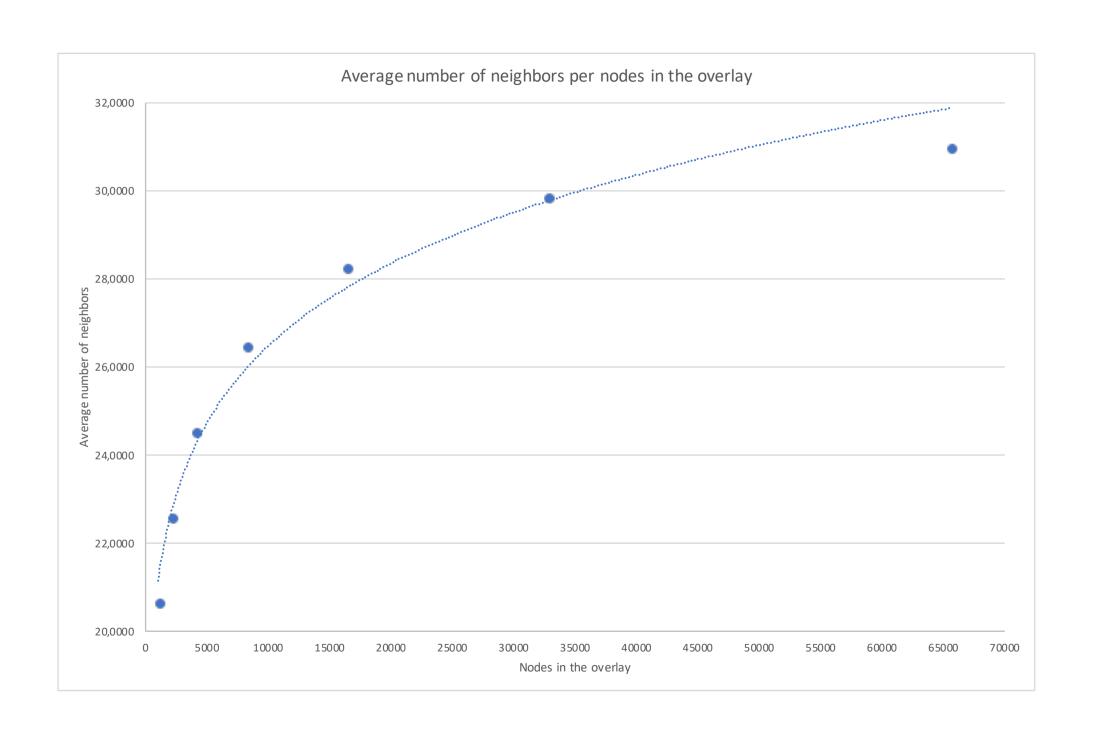












1024	avg_queries_per_node	3,76757813
	end_nodes	347
	average_distance	64
	std_dev_distance	61,41661
	avg_hops_per_query	5,80664063
	std_dev_hops_per_query	1,51802801
2048	avg_queries_per_node	4,20898438
	end_nodes	665
	average_distance	32
	std_dev_distance	32,20248
	avg_hops_per_query	6,40332031
	std_dev_hops_per_query	1,56513176
4096	avg_queries_per_node	4,19873047
	end_nodes	1408
	average_distance	16
	std_dev_distance	15,49193
	avg_hops_per_query	6,91064453
	std_dev_hops_per_query	1,63886035
	T	
8192	avg_queries_per_node	4,38964844
	end_nodes	2760
	average_distance	8
	std_dev_distance	7,416198
	avg_hops_per_query	7,31835938
	std_dev_hops_per_query	1,71596787
16384	avg_queries_per_node	4,5045166
	end_nodes	5658
	average_distance	4

N. Nodes	Avg. queries	Endnodes	Avg. Distance	StDev Distance
1024	3,76757813	347	64	61,4166
2048	4,20898438	665	32	32,2025
4096	4,19873047	1408	16	15,4919
8192	4,38964844	2760	8	7,4162
16384	4,5045166	5658	4	3,4641
32768	4,26184082	11810	2	1,4142
65536	3,50311279	25754	1	0,0000
N. Queries	Endnodes			
8192	5690			
16384	8657			
32768	11818			
65536	14343			

	std_dev_distance	3,464102
	avg_hops_per_query std_dev_hops_per_query	7,85266113
	std_dev_hops_per_query	1,81085465
32768	avg_queries_per_node	4,26184082
	end_nodes	11810
		_

32768	avg_queries_per_node	4,26184082
	end_nodes	11810
	average_distance	2
	std_dev_distance	1,414214
	avg_hops_per_query	8,387146
	std_dev_hops_per_query	1,88790049

65536	avg_queries_per_node	3,50311279
end_nodes		25754
	average_distance	1
std_dev_distance		0
	avg_hops_per_query	8,99945068
	std_dev_hops_per_query	2,00009148

Avg. Hops	StDev Hops	ClusteringCoeff	Diameter	Avg. SPL	Avg.Neighbors	
5,8066	1,5180	0,1184	9,0000	4,1872	20,6680	
6,4033	1,5651	0,1081	10,0000	4,5363	22,5986	
6,9106	1,6389	0,0963	10,0000	4,9077	24,5601	
7,3184	1,7160	0,0863	11,0000	5,2932	26,4954	
7,8527	1,8109	0,0761	11,0000	5,6739	28,2715	
8,3871	1,8879	0,0624	12,0000	6,1426	29,8745	
8,9995	2,0001	0,0495	16,0000	8,0001	31,0000	