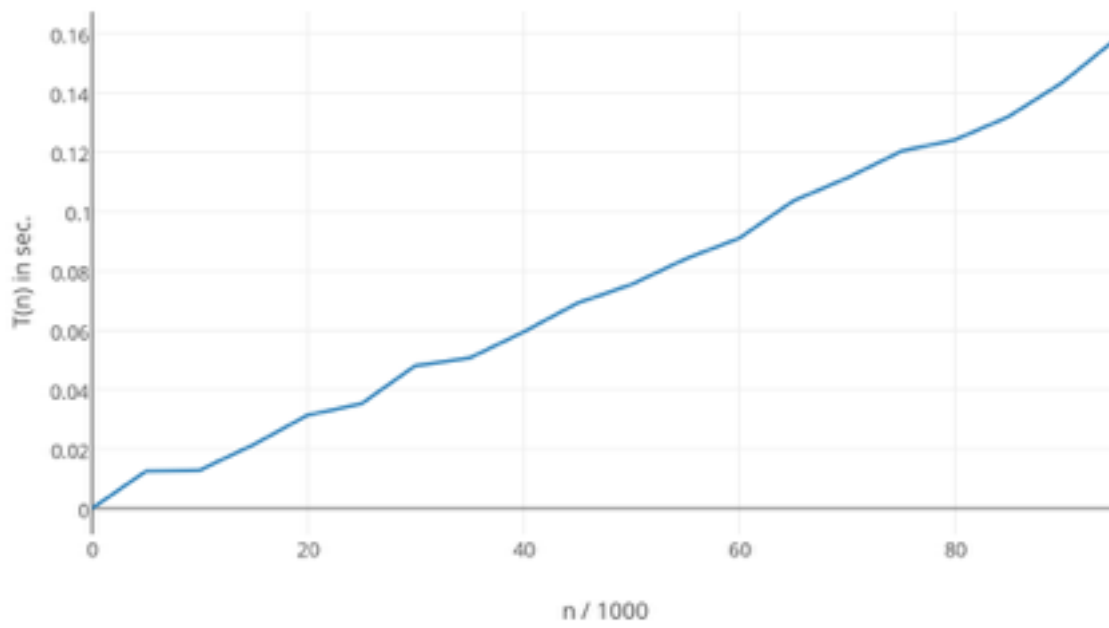
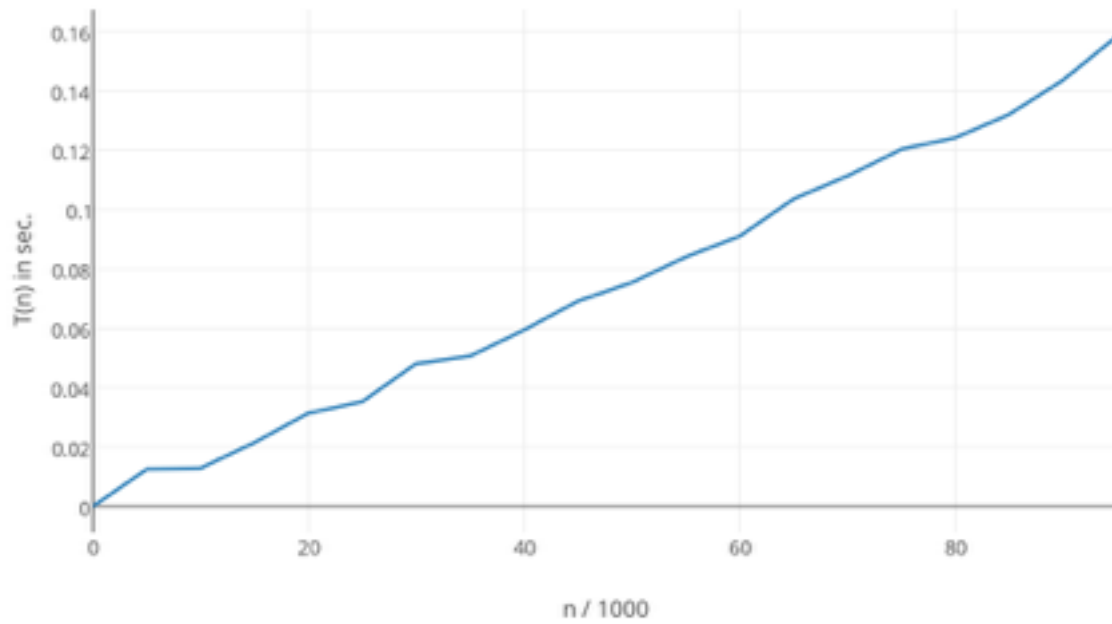


# Median Pivot - Random Input $T(n) = 0,867 * n^{1,053}$



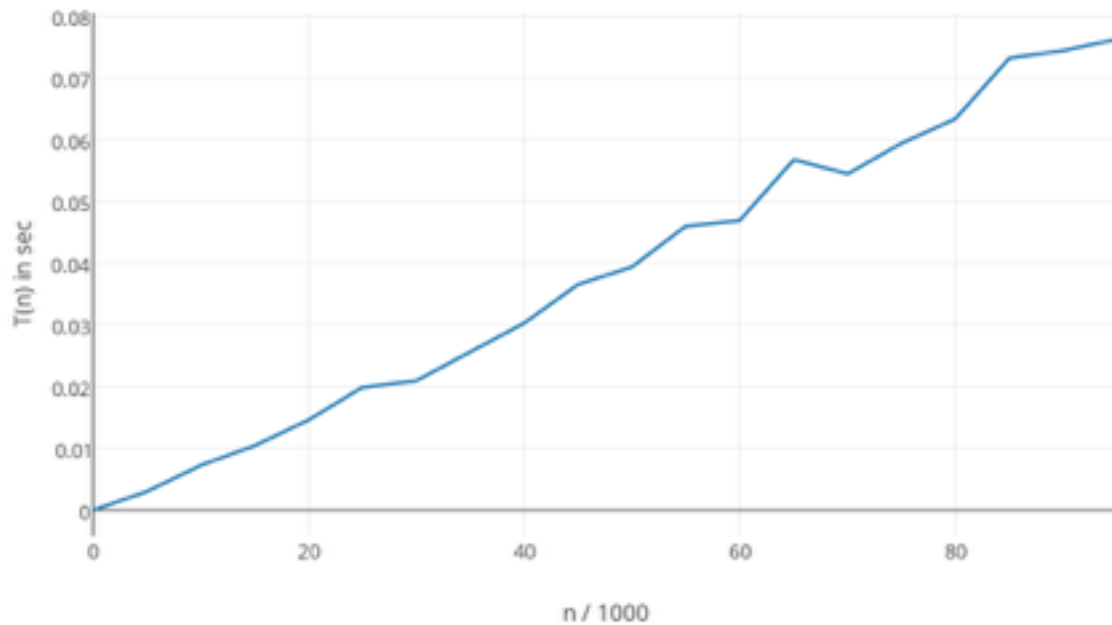
n/1000	T(n) in sec.
0	0.000156
5	0.007151
10	0.011726
15	0.019447
20	0.026574
25	0.035606
30	0.040369
35	0.05323
40	0.05819
45	0.065208
50	0.074624
55	0.092126
60	0.092835
65	0.099238
70	0.103134
75	0.117024
80	0.120158
85	0.130412
90	0.137842
95	0.149058

Median Pivot - Random Input  $T(n) = 0,867 * n^{1,053}$



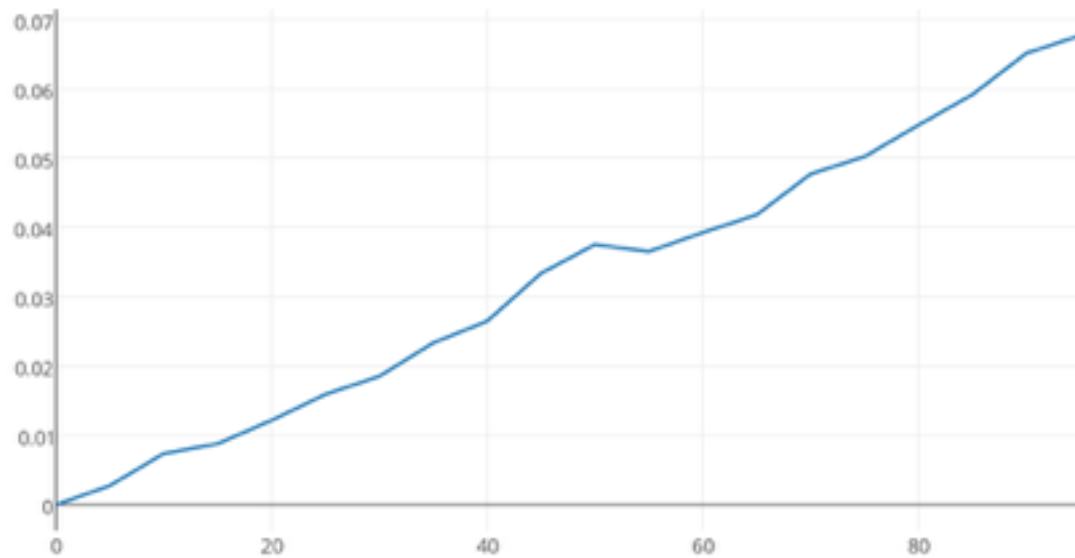
n/1000	T(n) in sec.
0	6.4E-05
5	0.012445
10	0.012886
15	0.021445
20	0.031426
25	0.035127
30	0.047952
35	0.050632
40	0.059412
45	0.069202
50	0.075445
55	0.083951
60	0.09091
65	0.103535
70	0.11133
75	0.120215
80	0.124109
85	0.132027
90	0.143628
95	0.15854

Random Pivot - Ascending Input  $T(n) = 0,605 * n^{1,027}$



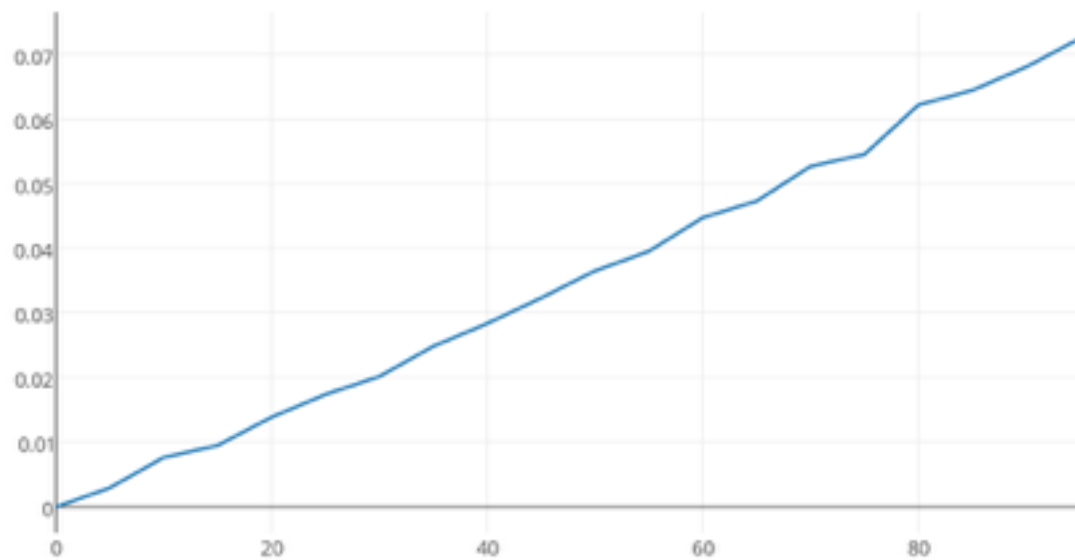
n/1000	T(n) in sec.
0	6.4E-05
5	0.012445
10	0.012886
15	0.021445
20	0.031426
25	0.035127
30	0.047952
35	0.050632
40	0.059412
45	0.069202
50	0.075445
55	0.083951
60	0.09091
65	0.103535
70	0.11133
75	0.120215
80	0.124109
85	0.132027
90	0.143628
95	0.15854

Median Pivot - Asc. Input  $T(n) = 0,390 * n^{1,049}$

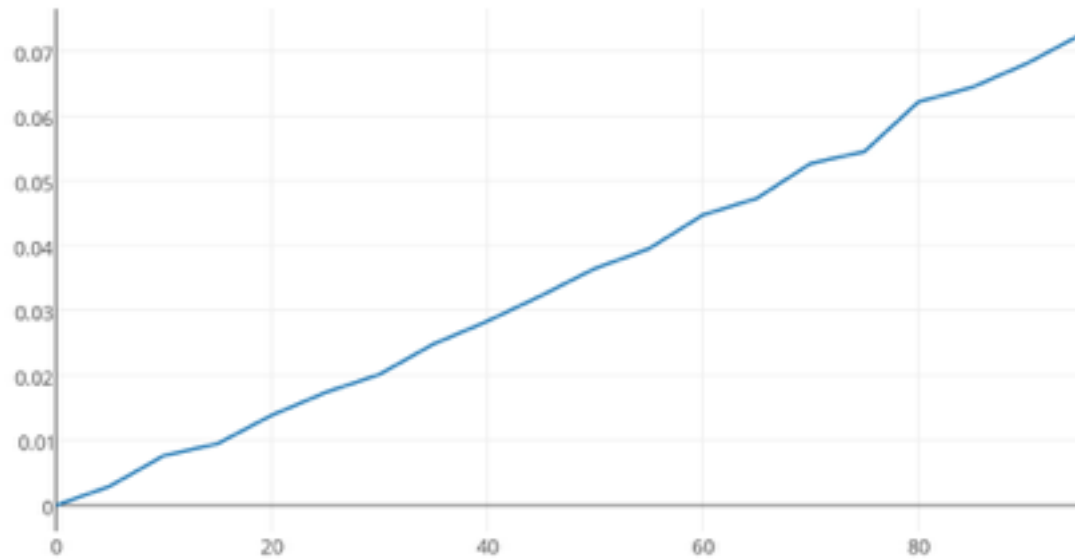


n/1000	T(n) in sec.
0	1E-06
5	0.002716
10	0.007345
15	0.008784
20	0.012119
25	0.015901
30	0.018518
35	0.023364
40	0.026461
45	0.033367
50	0.037515
55	0.036544
60	0.039262
65	0.041851
70	0.047714
75	0.050293
80	0.054774
85	0.059193
90	0.065183
95	0.067796

Median Pivot - Desc. Input  $T(n) = 0,302 * n^{1,08}$



n/1000	T(n) in sec.
0	3E-06
5	0.003189
10	0.007831
15	0.010635
20	0.018443
25	0.019447
30	0.023781
35	0.028991
40	0.03831
45	0.036213
50	0.040858
55	0.047921
60	0.049449
65	0.056331
70	0.061056
75	0.067846
80	0.06767
85	0.073417
90	0.077268
95	0.093349

Median Pivot - Desc. Input  $T(n) = 0,302 * n^{1,08}$ 

n/1000	T(n) in sec.
0	2E-06
5	0.002894
10	0.007568
15	0.00946
20	0.013812
25	0.017312
30	0.020158
35	0.024781
40	0.028366
45	0.03227
50	0.036485
55	0.039509
60	0.044746
65	0.047367
70	0.052718
75	0.054525
80	0.062156
85	0.064503
90	0.068106
95	0.072565