

Size	Avg Time (ms)	Time/Element	O(n) Ratio
100	0.011	114.267	-
1 000	0.061	61.387	0.54 (exp: 10.00)
10 000	0.056	5.633	0.09 (exp: 10.00)
100 000	0.216	2.155	0.38 (exp: 10.00)

Size = 100

Distribution	Avg (ms)	Min (ms)	Max (ms)	Std Dev (ms)
Random	0.011	0.008	0.018	0.004
Sorted	0.013	0.009	0.021	0.005
Reverse Sorted	0.012	0.009	0.016	0.003
All Positive	0.009	0.007	0.014	0.003
All Negative	0.011	0.008	0.014	0.002
Alternating	0.012	0.007	0.031	0.009

Size = 1000

Distribution	Avg (ms)	Min (ms)	Max (ms)	Std Dev (ms)
Random	0.138	0.053	0.273	0.098
Sorted	0.068	0.055	0.089	0.013
Reverse Sorted	0.063	0.054	0.086	0.012
All Positive	0.053	0.052	0.055	0.001
All Negative	0.025	0.020	0.035	0.006
Alternating	0.022	0.015	0.025	0.004

Size = 10000

Distribution	Avg (ms)	Min (ms)	Max (ms)	Std Dev (ms)
Random	0.051	0.046	0.060	0.005
Sorted	0.063	0.052	0.085	0.013
Reverse Sorted	0.051	0.050	0.054	0.002
All Positive	0.076	0.052	0.094	0.016
All Negative	0.051	0.047	0.056	0.003
Alternating	0.045	0.044	0.050	0.002

Size = 100000

Distribution	Avg (ms)	Min (ms)	Max (ms)	Std Dev (ms)
Random	0.400	0.222	0.447	0.089
Sorted	0.227	0.214	0.246	0.011
Reverse Sorted	0.209	0.192	0.238	0.016

All Positive	0.227	0.222	0.232	0.004
All Negative	0.129	0.082	0.182	0.043
Alternating	0.100	0.084	0.160	0.030