

Tasks/Size	Tempo (s) Seq qsort	Tempo (s) Seq bsort	Tempo (s) Mpi (2 processos)	Speedup (2 processos x qsort)	Speedup (2 processos x bsort)	Tempo (s) Mpi (16 processos)	Speedup (16 processos x qsort)	Speedup (16 processos x bsort)	Tempo (s) Mpi (32 processos)	Speedup (32 processos x bsort)	Speedup (32 processos x qsort)	Eficiência (2 processos x qsort)	Eficiência (2 processos x bsort)	Eficiência (16 processos x qsort)	Eficiência (16 processos x bsort)	Eficiência (32 processos x qsort)	Eficiência (32 processos x bsort)
100/100	0.0000001	0.0000001	0.0000001	1	1	0.0000001	1	1	0.0000001	1	1	0.5	0.5	0.0625	0.0625	0.03125	0.03125
100/1000	1.751	0.098	0.0000001	17510000	980000	0.0000001	17510000	980000	0.0000001	17510000	980000	8750000	490000	1094375	61250	547187.5	30625
100/10000	0.02	9.559	0.0000001	200000	95990000	0.0000001	200000	95990000	0.0000001	200000	95990000	100000	47795000	12500	5974375	6250	2987187.5
1000/100	0.0000001	0.02	0.0000001	1	200000	0.0000001	1	200000	0.0000001	1	200000	0.5	100000	0.0625	12500	0.03125	6250
1000/1000	0.014	6.112	0.0000001	140000	1120000	0.0000001	140000	1120000	0.0000001	140000	1120000	70000	560000	8750	70000	4375	35000
10000/100	0.112	1.123	0.0000001	1120000	1120000	0.0000001	1120000	1120000	0.0000001	1120000	1120000	560000	5615000	70000	701875	35000	350937.5
10000/1000	0.03	0.967	0.0000001	280000	9670000	0.0000001	280000	9670000	0.0000001	280000	9670000	145000	4835000	18125	604375	9062.5	302187.5
100/100000	0.0210	951.402	0.0000001	210000	9514020000	0.0000001	210000	9514020000	0.0000001	210000	9514020000	105000	4757010000	13125	594626250	6562.5	297313125
30000/20000	18.4031	2438.43	1.82	8.463241758	1338.697802	1.24	12.47165484	1964.862903	2.12	7.255813208	1149.259434	4.23162879	669.3489011	0.7786380274	122.8039315	0.2270504127	35.91439731
40000/40000	30.3903		4.01	7.578628429		3.8342	7.926112357		3.54	8.584830508		3.789314214		0.4853820223		0.2682799534	

