Experimental comparison of sorting methods

Sorting arrays of vectors of dimension D=10 by their magnitude

Size	Sorting method								
	Arrays.sort	Insertion	InsertionX	Selection	Merge	MergeX	Quick	QuickX	Heapsort
1000	0.0012	0.0003	0.0003	0.0128	0.0005	0.0002	0.0009	0.0005	0.0015
1500	0.0009	0.0003	1E-04	0.0255	0.0022	0.0002	0.0024	0.0014	0.0049
2250	0.0017	0.0004	0.0003	0.0538	0.0010	0.0001	0.0020	0.0010	0.0013
3375	0.0027	0.0003	0.0005	0.1219	0.0009	0.0002	0.0016	0.0008	0.0018
5062	0.0050	0.0005	0.0008	0.3013	0.0016	0.0004	0.0027	0.0013	0.0030
7593	0.0065	0.0006	0.0011	0.7009	0.0025	0.0005	0.0042	0.0022	0.0046
11389	0.0086	0.0007	0.0012	1.6341	0.0039	0.0008	0.0058	0.0030	0.0078
17083	0.0111	0.0013	0.0018	3.7207	0.0059	0.0013	0.0091	0.0044	0.0108
25624	0.0123	0.0017	0.0025	8.5301	0.0105	0.0020	0.0150	0.0072	0.0165
38436	0.0189	0.0033	0.0038	20.501	0.0146	0.0030	0.0235	0.0111	0.0263
57654	0.0309	0.0042	0.0057	67.3674	0.0236	0.0045	0.0380	0.0189	0.0428
86481	0.0499	0.0070	0.0095	216.1568	0.0447	0.0077	0.0732	0.0397	0.0749
129721	0.0871	0.0098	0.0151		0.0791	0.0157	0.1198	0.0612	0.1312
194581	0.1418	0.0153	0.0236		0.1448	0.0175	0.1999	0.098	0.2102

Mean sorting time