Partition	quick sort on	heap sort on	insertion sort	intro sort on	STL sort on	STLstable_sort	NAME
(of N)	random.txt	random.txt	on random.txt	random.txt	random.txt	on random.txt	NAIVIE
1	0.05712	0.066781	4.65761	0.051645	0.050642	0.065337	
2	0.10687	0.145807	18.7645	0.103975	0.106553	0.13482	
3	0.15343	0.229683	42.4512	0.174667	0.164421	0.203144	
4	0.241018	0.315369	75.3681	0.26826	0.226642	0.300366	500
5	0.318866	0.408052	117.646	0.350134	0.290349	0.380351	400
6	0.374426	0.569535	171.474	0.418902	0.350519	0.446418	400
7	0.411601	0.712512	235.42	0.439189	0.423312	0.542437	300
8	0.468545	0.793921	302.757	0.518976	0.494976	0.615937	000
9	0.504937	0.915399	385.831	0.566816	0.54296	0.694487	200
10	0.574966	1.02086	472.488	0.656279	0.612448	0.774795	100
Partition (of N)	quick sort on sorted.txt	heap sort on sorted.txt	insertion sort on sorted.txt	intro sort on sorted.txt	STL sort on sorted.txt	STLstable_sort on sorted.txt	0
1	0.129751	0.067922	1.39596	0.077053	0.058304	0.059029	
2	0.655232	0.147957	5.84911	0.231878	0.136887	0.11626	125 — quick sort
3	0.805243	0.2326	8.7027	0.310663	0.226584	0.174008	on sorted.
4	1.46999	0.329891	16.2785	0.368576	0.308637	0.254247	100 — hoon cort
5	2.45113	0.409304	27.8282	0.562955	0.341327	0.324931	heap sort
6	4.10112	0.499913	52.3698	0.659558	0.507711	0.397572	75 — insertion
7	4.77691	0.590835	66.1741	0.810926	0.589805	0.455515	intro sort on
8	6.65258	0.68574	80.571	0.824986	0.618798	0.528024	50
9	7.03222	0.795482	94.4906	0.952909	0.755607	0.582881	■ STL sort on
10	8.86209	0.922273	120.351	1.01884	0.758399	0.641876	25 STLstable_s
			Graph		Graph		0
		Expected	Observed	Expected	Observed		
		Time Complexity	Time Complexity	Time Complexity	Time Complexity		
	class::method()	random.txt	random.txt	sorted.txt	sorted.txt		
	QuickSort	O(N logN)	O(N logN)	O(N logN)	O(N logN)		
	HeapSort	O(N logN)	O(N logN)	O(N logN)	O(N logN)		
	InsertionSort	O(N^2)	O(N^2)	O(N)	O(N)		
	IntroSort	O(N logN)	O(N logN)	O(N logN)	O(N logN)		
	STLSort	O(N logN)	O(N logN)	O(N logN)	O(N logN)		
	STLStableSort	O(N logN)	O(N logN)	O(N logN)	O(N logN)		