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	INAIVIE
1	0.008045	0.02042	1.17621	0.011981	0.014431	0.020732	
2	0.02674	0.044788	4.49694	0.022787	0.03034	0.04254	125 — quick sort
3	0.042219	0.070559	9.92897	0.042076	0.046519	0.064907	on randor
4	0.056104	0.097091	17.6931	0.055293	0.063668	0.094814	100 heap sort
5	0.074298	0.12056	28.0295	0.074073	0.081409	0.119523	neap cont
6	0.082705	0.152594	40.2775	0.089771	0.099174	0.139874	75 — insertion
7	0.110089	0.180344	54.8679	0.10879	0.119337	0.169197	intro sort
8	0.122714	0.209189	70.2254	0.12195	0.139747	0.192933	50
9	0.136734	0.238682	88.7686	0.136406	0.152797	0.217905	■ STL sort o
10	0.15912	0.268622	109.149	0.158646	0.172076	0.243179	25 STLstable
Partition	quick sort on	heap sort on	insertion sort	intro sort on	STL sort on	STLstable_sort	0 —
(of N)	sorted.txt	sorted.txt	on sorted.txt	sorted.txt	sorted.txt	on sorted.txt	
1	0.01189	0.0211	0.304047	0.010156	0.015311	0.017012	
2	0.028147	0.046088	1.29277	0.021853	0.037529	0.033235	30 — quick sort
3	0.044741	0.069424	2.13732	0.033468	0.059642	0.051076	on sorted.
4	0.068899	0.099677	3.94973	0.04634	0.080057	0.074543	_ haan aant
5	0.078558	0.127951	6.52288	0.058744	0.089274	0.092873	— heap sort
6	0.096712	0.1557	12.2764	0.072366	0.13053	0.115093	- insertion
7	0.116402	0.184568	15.6128	0.085192	0.153904	0.132511	- intro port
8	0.135277	0.214471	18.7276	0.096612	0.156547	0.155792	intro sort o
9	0.144893	0.244067	21.9452	0.113311	0.192675	0.168622	■ STL sort o
10	0.164261	0.273855	27.9251	0.123612	0.194445	0.188689	■ STLstable
			Graph				0
		Expected	Observed				
	4 4	Time	Time				
	class::method()	Complexity	Complexity				
	QuickSort	O(N log N)	O(N log N)				
	HeapSort	O(N log N)	O(N log N)				
	InsertionSort	O(N^2)	O(N^2)				
	IntroSort	O(N log N)	O(N log N)				
	STLSort	O(N log N)	O(N log N)				
	STLStableSort	O(N log N)	O(N log N)				