

## Time Result for ADTs

ADT	option	File1	File2	File3	File4	File3 - File4
6 (SkipList)		0.492857	0.398502	0.427227	0.766854	-0.028725
7 (BST)		INF	INF	INF	0.716862	INF
8 (AVL)		0.589659	0.483156	0.476652	0.754584	0.006504
9 (Splay)		0.272136	0.248242	0.259896	0.665743	-0.011654
10 (Btree)	M = 3, L = 1	0.469614	0.686023	0.567436	0.910698	0.118587
	M = 3, L = 200	0.391285	0.571145	0.564879	0.619059	0.006266
	M = 1000, L = 2	1.27354	1.77818	1.2901	1.85665	0.48808
	M = 1000, L = 200	0.799742	0.939268	0.932098	1.04536	0.00717
11 (Separable Chaining Hash)	load factor = 0.5	0.34772	0.328008	0.333876	0.44983	-0.005868
	load factor = 1	0.329015	0.300327	0.314684	0.388187	-0.014357
	load factor = 10	0.372674	0.295305	0.287884	0.404978	0.007421
	load factor = 100	1.65841	0.666224	0.528403	0.806116	0.137821
	load factor = 1000	13.3195	4.10277	2.81722	4.97974	1.28555
12 (Quadratic Probing Hash)	load factor = 2	0.2859	0.237674	0.23117	0.265284	0.006504
	load factor = 1	0.272183	0.223693	0.23054	0.254603	-0.006847
	load factor = 0.5	0.221788	0.215342	0.218831	0.237609	-0.003489
	load factor = 0.25	0.221896	0.202173	0.223571	0.228962	-0.021398
	load factor = 0.1	0.215842	0.202322	0.218598	0.238398	-0.016276
13 (Binary Heap)		0.207358	0.315911	0.321291	0.344712	-0.00538
14 (Quadratic Pointer Hash)	load factor = 2	0.364637	0.305615	0.293084	0.382462	0.012531
	load factor = 1	0.367446	0.296734	0.284116	0.351994	0.012618
	load factor = 0.5	0.34498	0.262838	0.263363	0.326084	-0.000525
	load factor = 0.25	0.300155	0.279092	0.268959	0.321804	0.010133
	load factor = 0.1	0.326887	0.28281	0.282322	0.349947	0.000488