|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ADT | Leaf size  Load factor | File1.dat | File2.dat | File3.dat | File4.dat |
| Skip List |  | 0.197083 | 0.143625 | 0.163757 | 0.309649 |
| BST |  | Too long | 80.1322 | 191.811 | 0.166456 |
| AVL |  | 0.232024 | 0.17873 | 0.184486 | 0.326708 |
| Splay |  | 0.078344 | 0.060009 | 0.05751 | 0.221798 |
| Btree | M=3 L=1 | 0.172214 | 0.243185 | 0.148032 | 0.435827 |
|  | M=3 L=200 | 0.172823 | 0.298667 | 0.252696 | 0.301444 |
|  | M=1000 L=2 | 0.859991 | 1.23726 | 0.820011 | 1.27091 |
|  | M=1000 L=200 | 0.353666 | 0.410529 | 0.410831 | 0.455642 |
| SC Hash | 0.5 | 0.089862 | 0.07042 | 0.071803 | 0.098722 |
|  | 1 | 0.084729 | 0.06994 | 0.070312 | 0.10794 |
|  | 10 | 0.085631 | 0.076054 | 0.06731 | 0.105347 |
|  | 100 | 0.151669 | 0.197052 | 0.108559 | 0.256022 |
|  | 1000 | 1.41529 | 1.48826 | 0.820997 | 1.74163 |
| QP Hash | 2 | 0.080989 | 0.067635 | 0.065387 | 0.07252 |
|  | 1 | 0.070992 | 0.05859 | 0.057095 | 0.061618 |
|  | 0.5 | 0.048223 | 0.049023 | 0.049057 | 0.053617 |
|  | 0.25 | 0.048434 | 0.049973 | 0.04578 | 0.052279 |
|  | 0.1 | 0.049034 | 0.047226 | 0.046655 | 0.050211 |
| QPP Hash | 2 | 0.104791 | 0.07907 | 0.078588 | 0.099472 |
|  | 1 | 0.091956 | 0.077784 | 0.078912 | 0.095371 |
|  | 0.5 | 0.071921 | 0.069767 | 0.067 | 0.079486 |
|  | 0.25 | 0.075761 | 0.072039 | 0.07021 | 0.082315 |
|  | 0.1 | 0.087844 | 0.079642 | 0.07827 | 0.093363 |
| Bin Heap |  | 0.047828 | 0.110467 | 0.10989 | 0.121632 |