variable	Description
$Tree\_Size$	the size of the B+ tree
T	the total levels of the B+ tree. $T = (log(M/K)/log(K+1)+1)$
L	the levels of the B+ tree can fit in cache. Each slave hold L levels of the B+ tree
W_1	the memory bandwidth 647 MB/s
W_2	the network bandwidth 138 MB/s
C_2	the size of L2 cache
$B_2\_Miss\_Penalty$	the cost of loading a cache line from the memory to the L2 cache
B_2	the size of the L2 cache line in bytes
$B_1\_Miss\_Penalty$	the cost of loading a cache line from the L2 cache to L1 cache
B_1	the size of the L1 cache line in bytes
$Comp\_Cost\_Node$	the cost to traverse one level of the B+ tree while searching a key
$NUM_{masters}$	the number of master nodes
NUM_{slaves}	the number of slave nodes that have lower L levels of the B+ tree in L2 cache
$NUM_{keys\_per\_batch}$	the number of search keys in one batch lookup