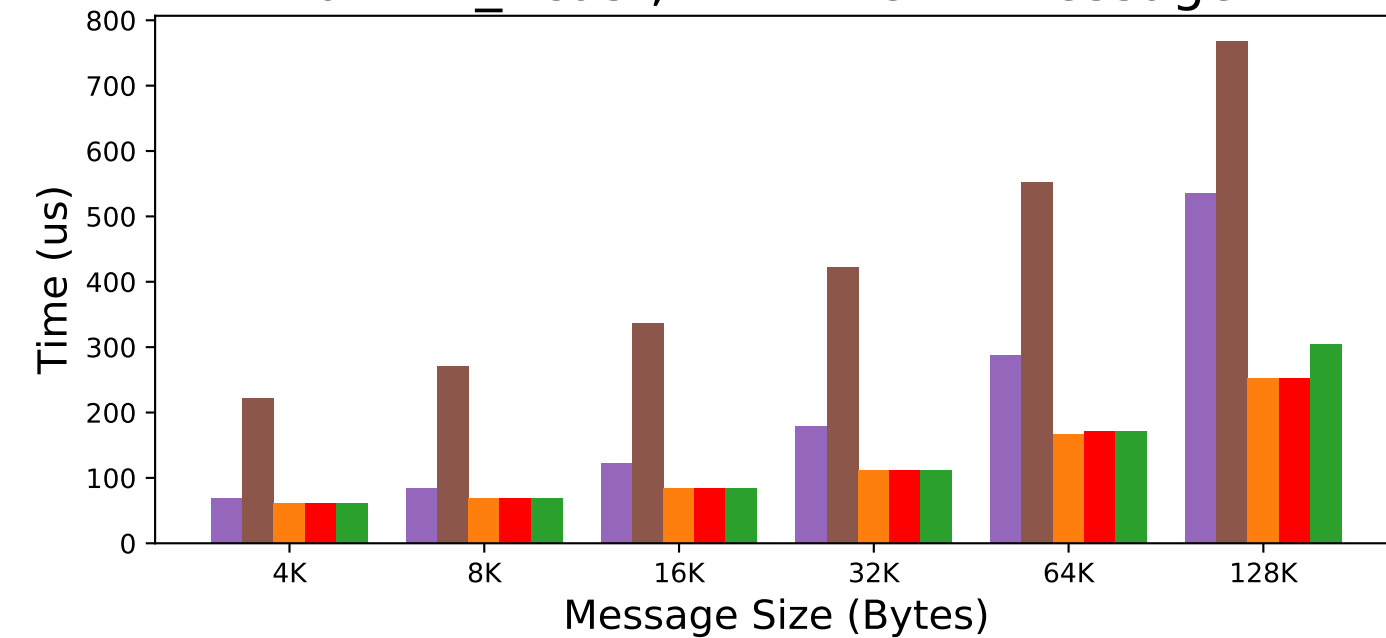
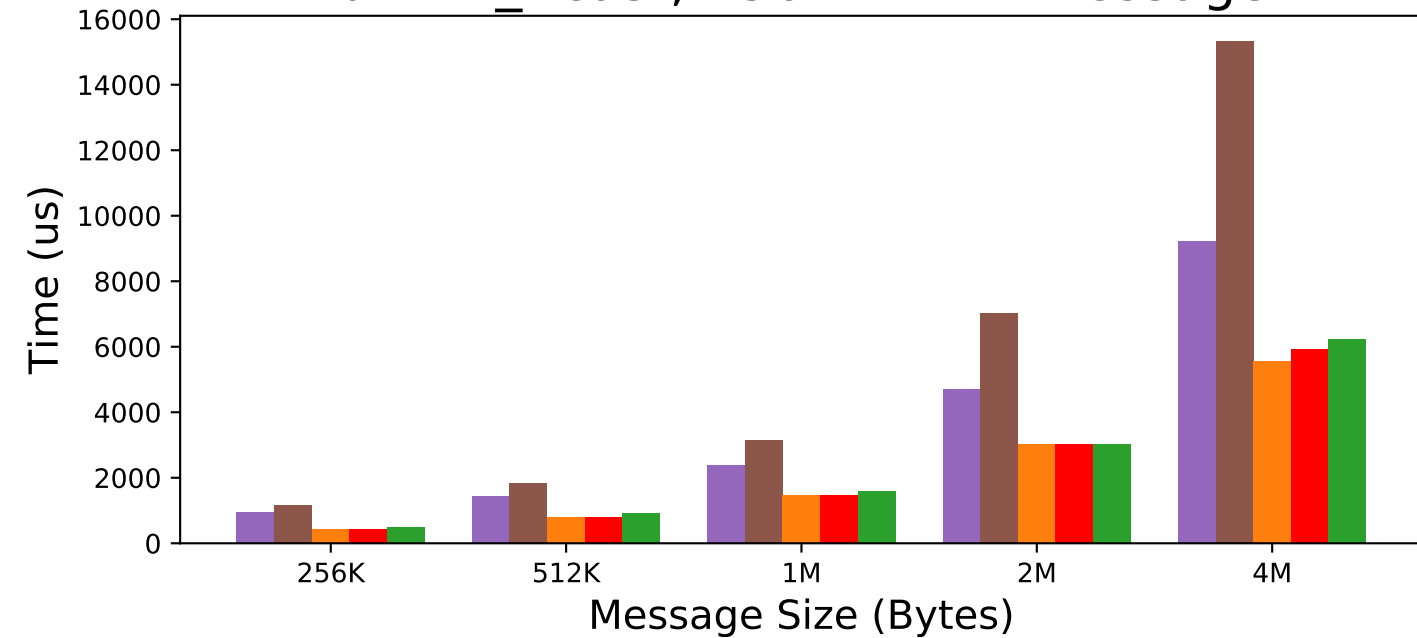


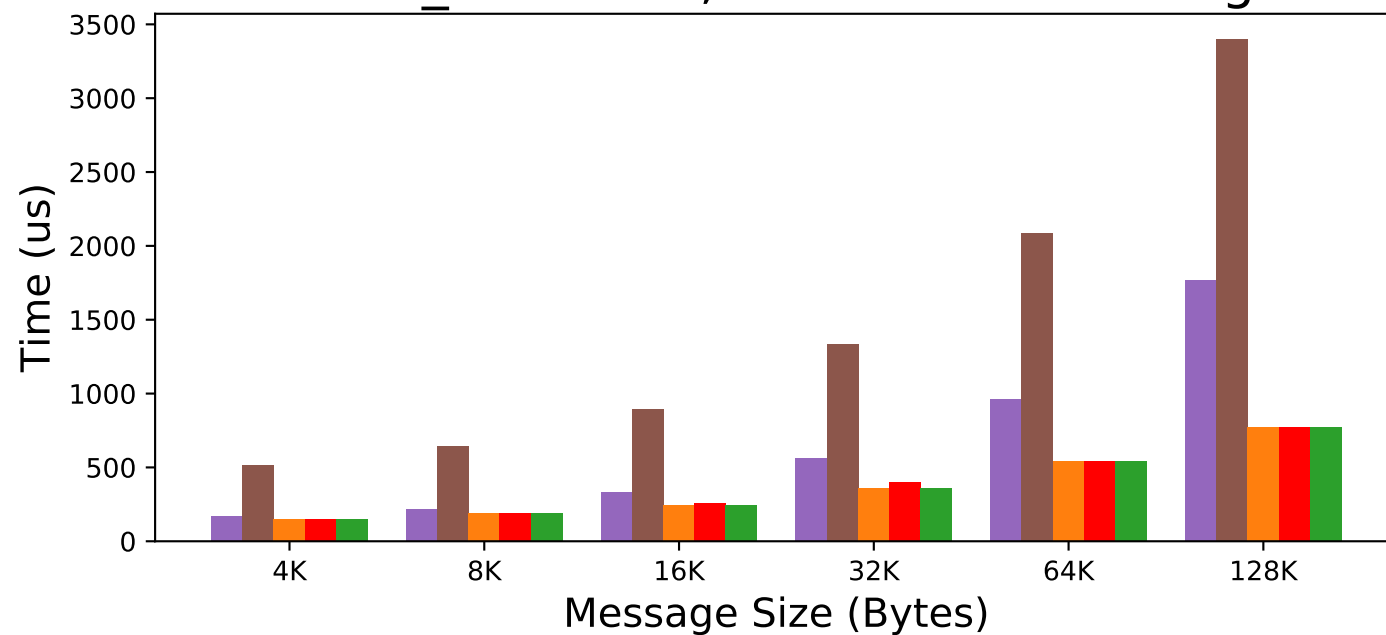
a. MPI_Bcast, 4KB-128KB message



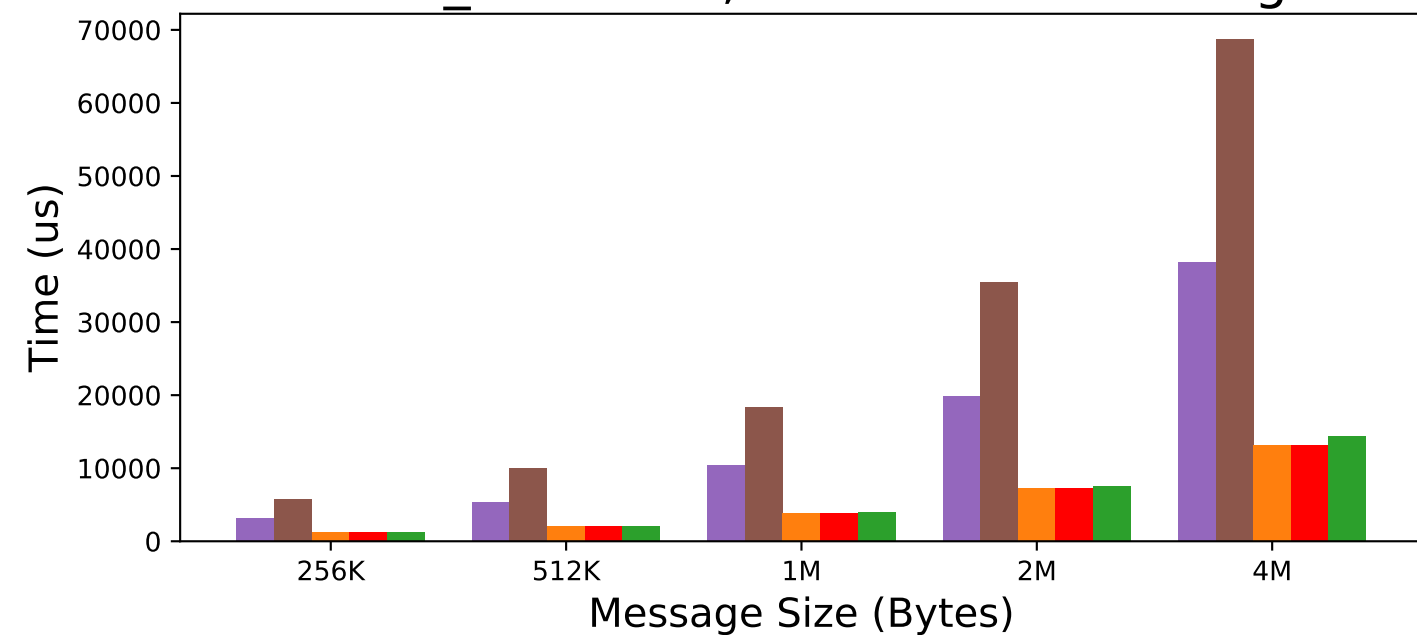
b. MPI_Bcast, 256KB-4MB message



c. MPI_Allreduce, 4KB-128KB message



d. MPI_Allreduce, 256KB-4MB message



median
 average
 best
 HAN
 HAN_heuristics