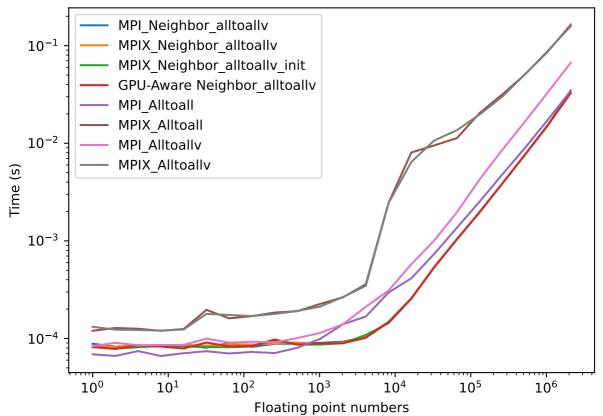
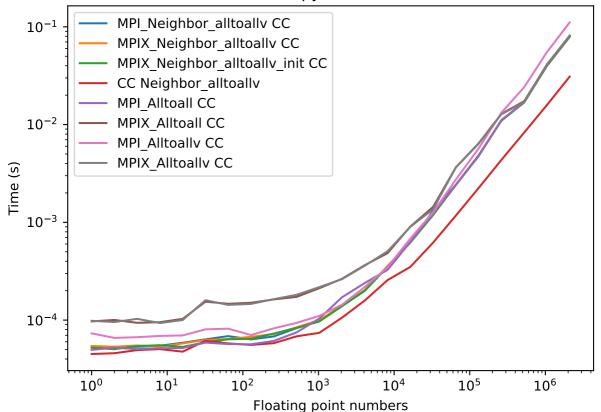
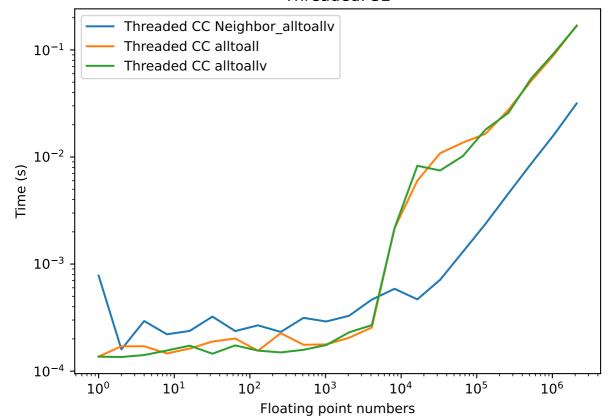
GPU Aware



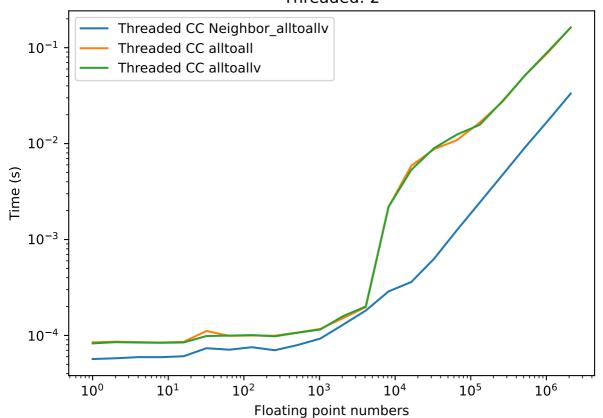
Copy-to-CPU



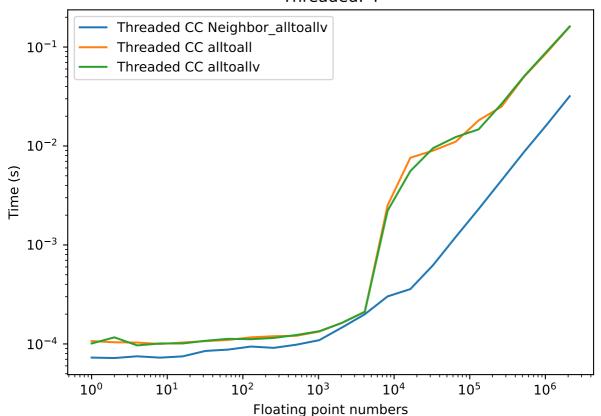
Threaded: 32



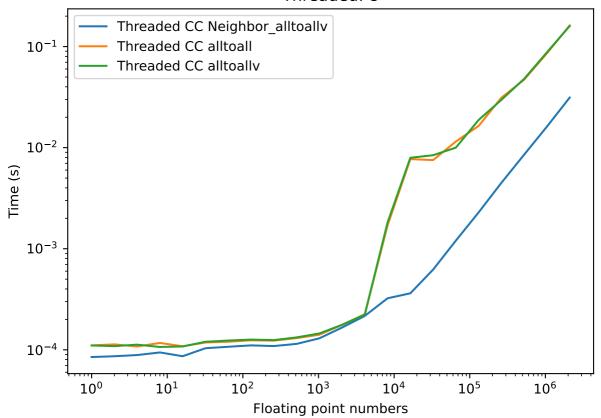
Threaded: 2



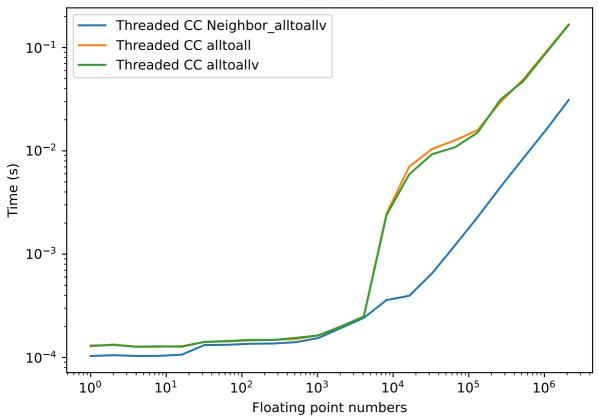
Threaded: 4



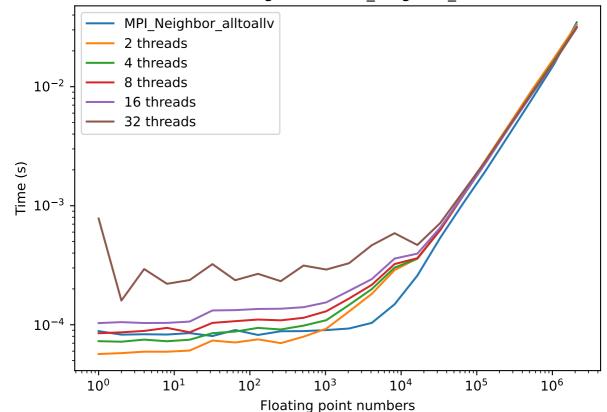
Threaded: 8



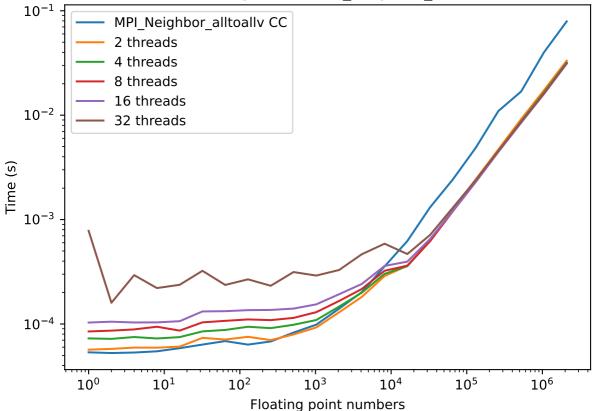
Threaded: 16



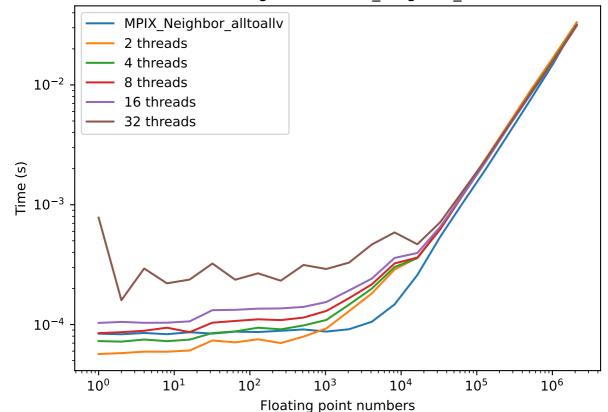
Threaded Neighbor vs MPI_Neighbor_alltoallv



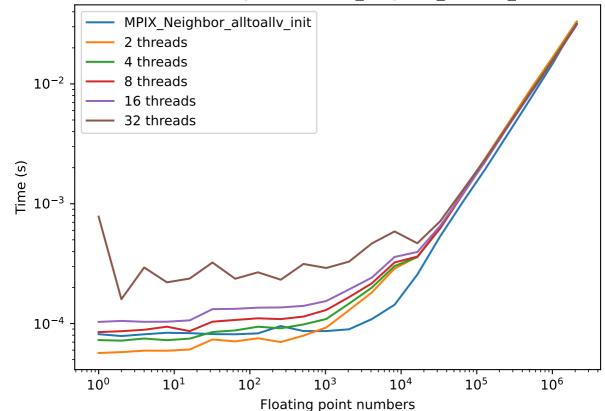
Threaded Neighbor vs MPI_Neighbor_alltoallv CC



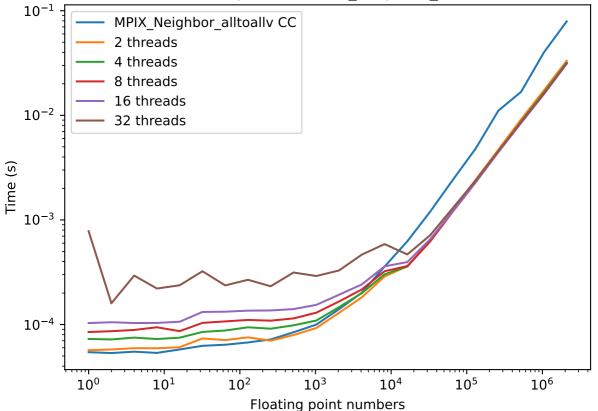
Threaded Neighbor vs MPIX_Neighbor_alltoallv

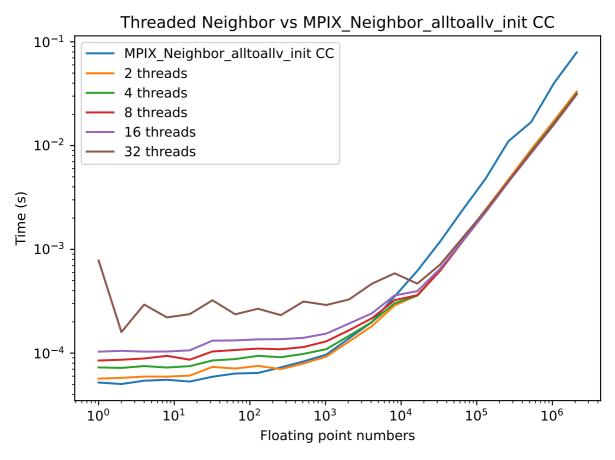


Threaded Neighbor vs MPIX_Neighbor_alltoallv_init

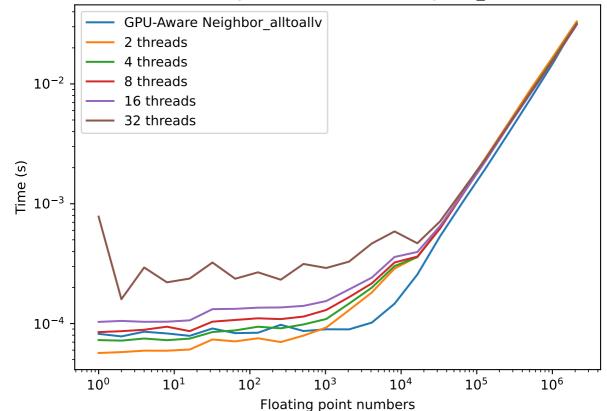


Threaded Neighbor vs MPIX_Neighbor_alltoallv CC

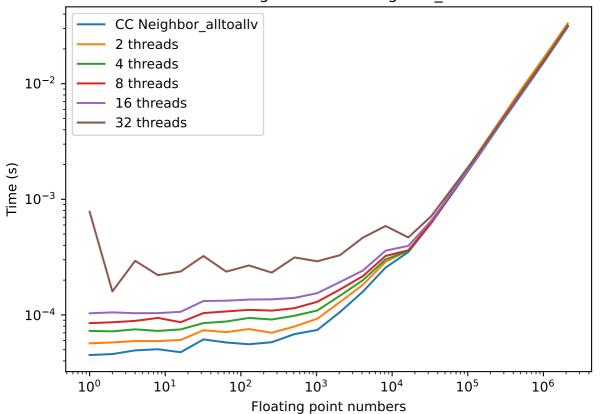




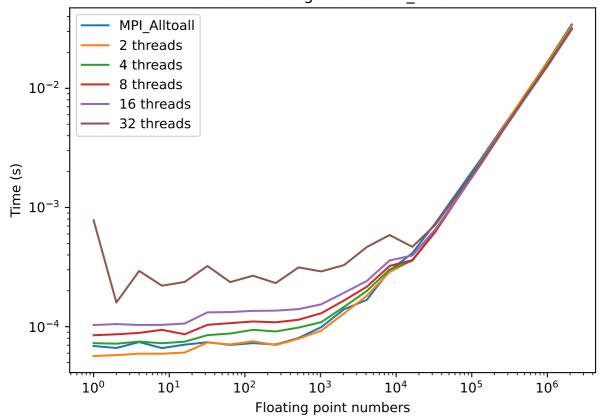
Threaded Neighbor vs GPU-Aware Neighbor_alltoallv

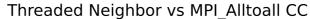


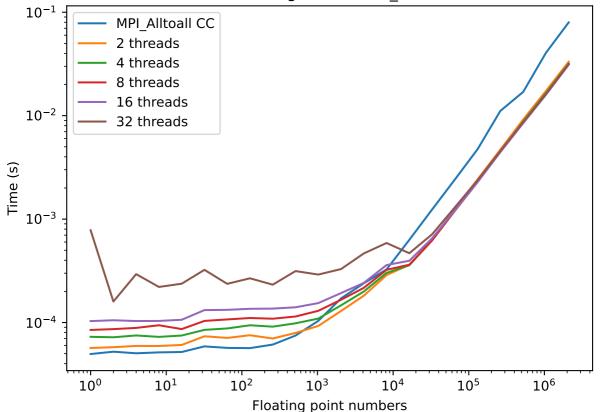
Threaded Neighbor vs CC Neighbor_alltoallv



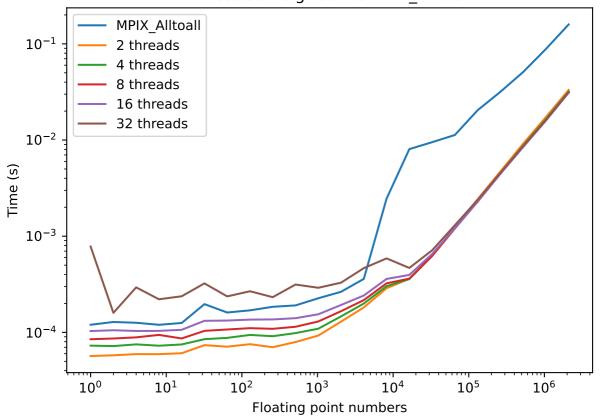
Threaded Neighbor vs MPI_Alltoall



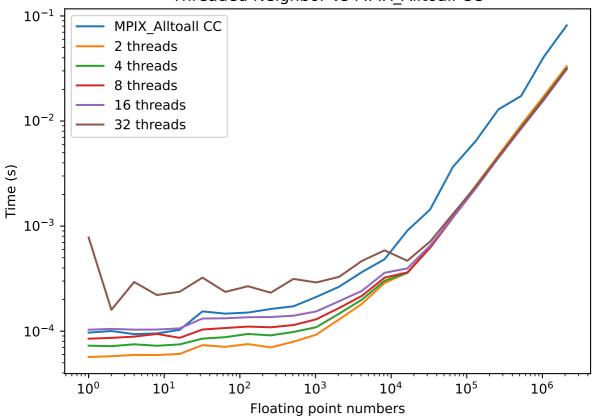




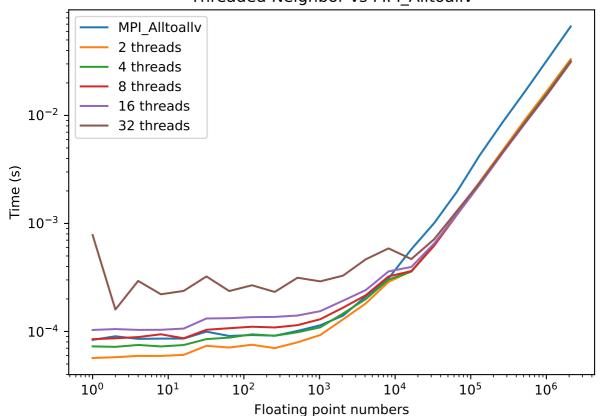
Threaded Neighbor vs MPIX_Alltoall



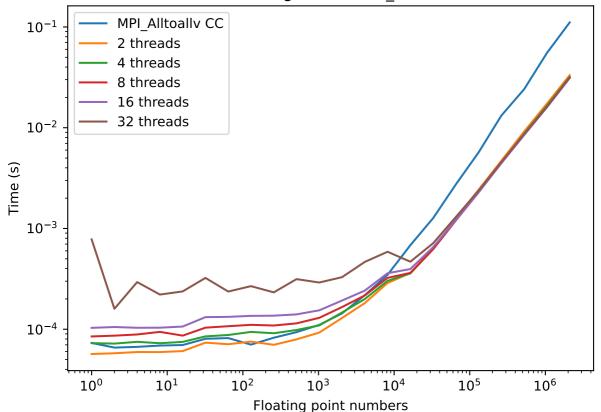
Threaded Neighbor vs MPIX Alltoall CC

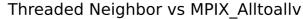


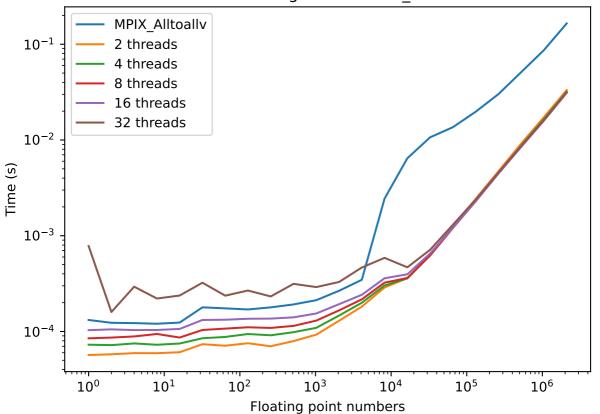
Threaded Neighbor vs MPI_Alltoallv



Threaded Neighbor vs MPI Alltoallv CC







Threaded Neighbor vs MPIX_Alltoallv CC

