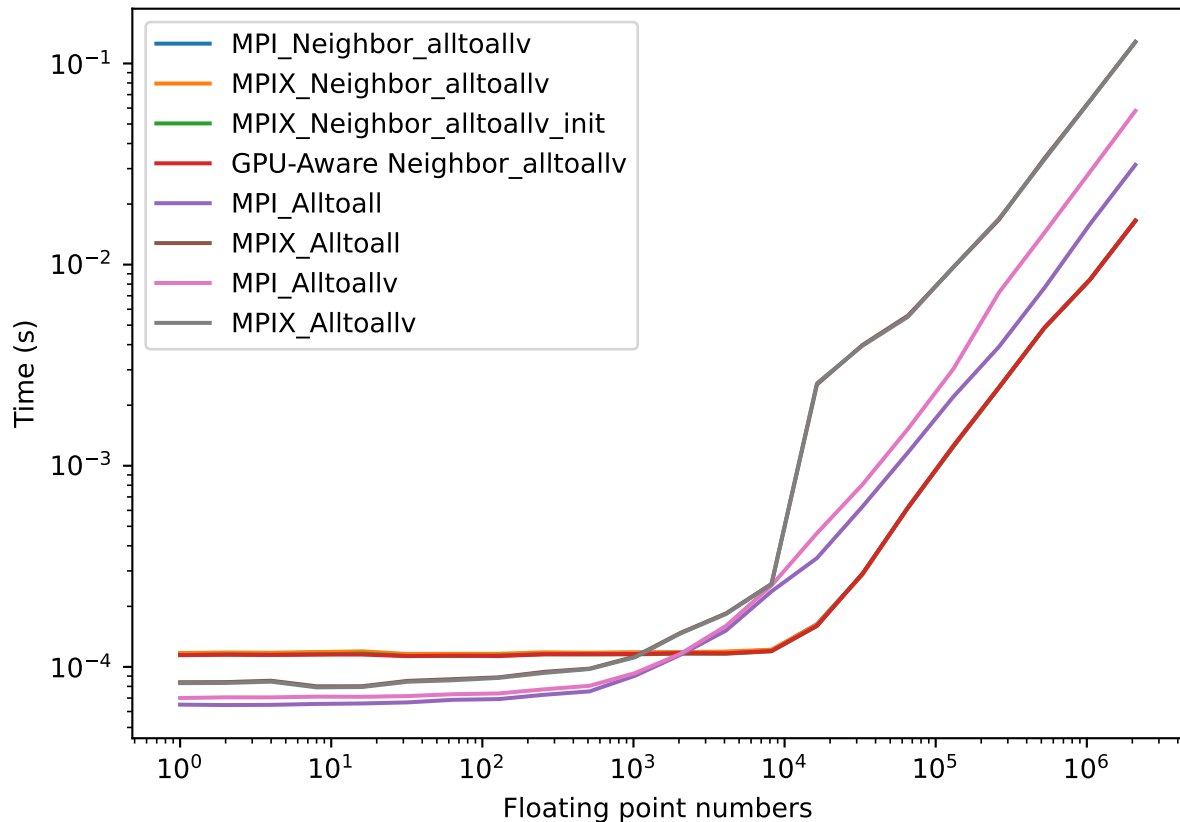
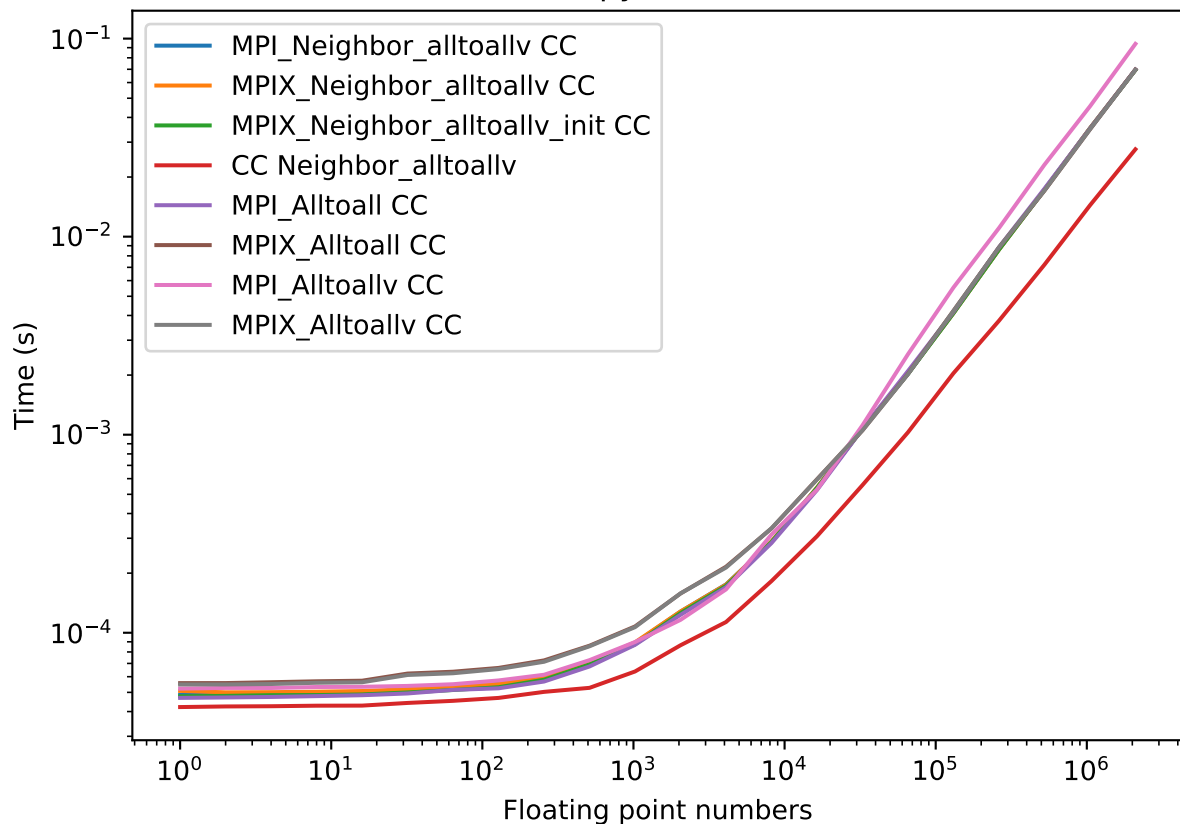


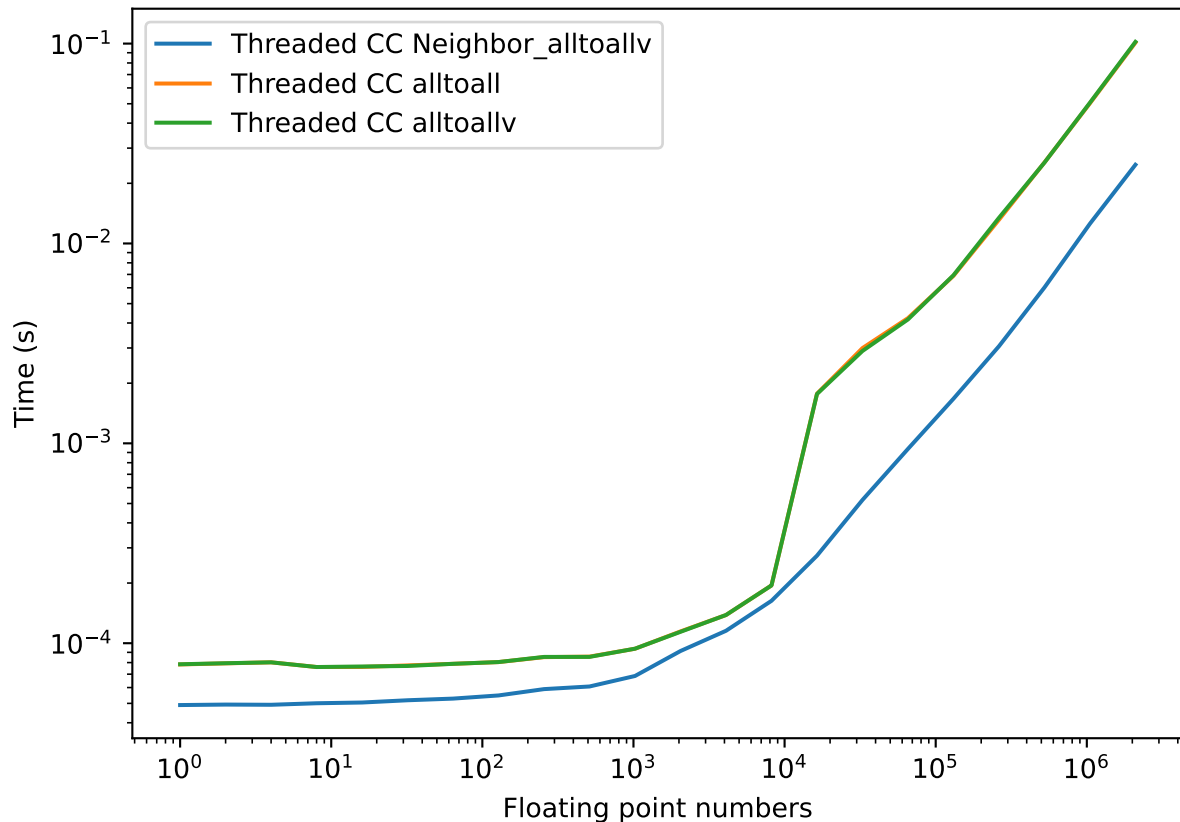
GPU Aware



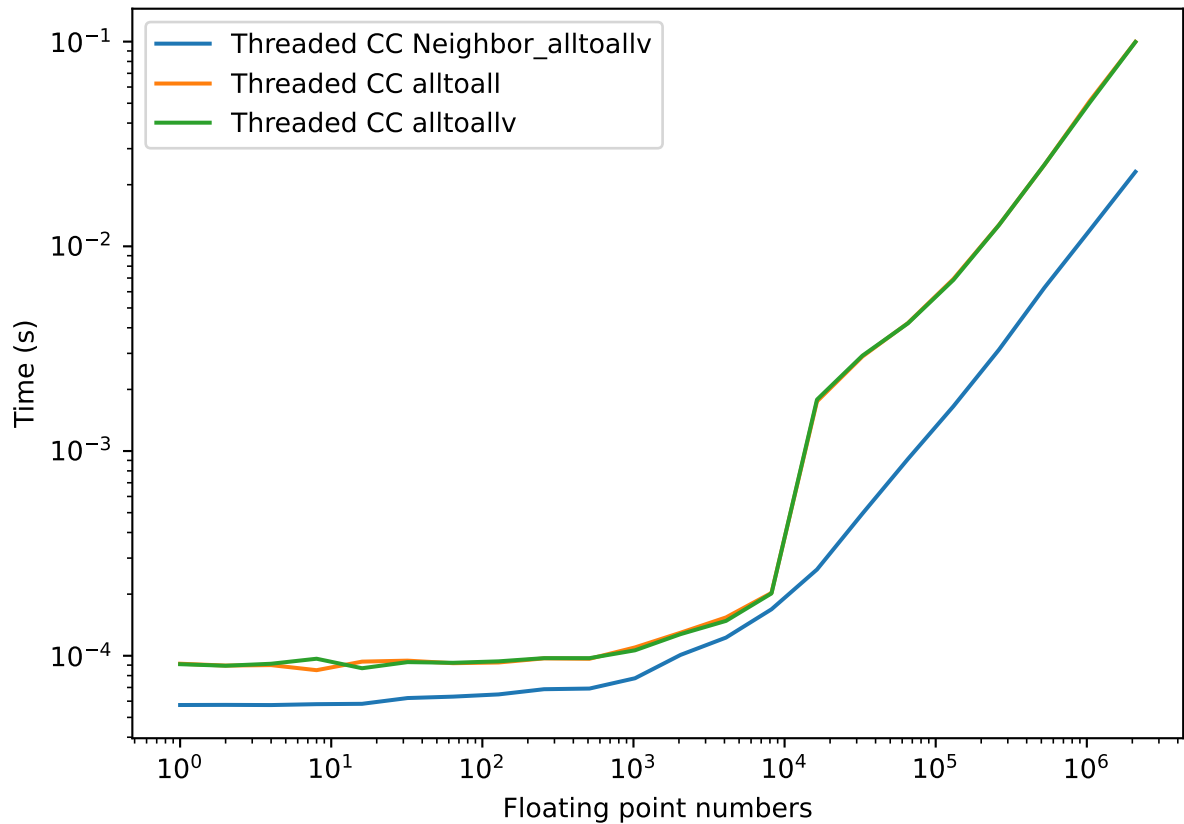
Copy-to-CPU



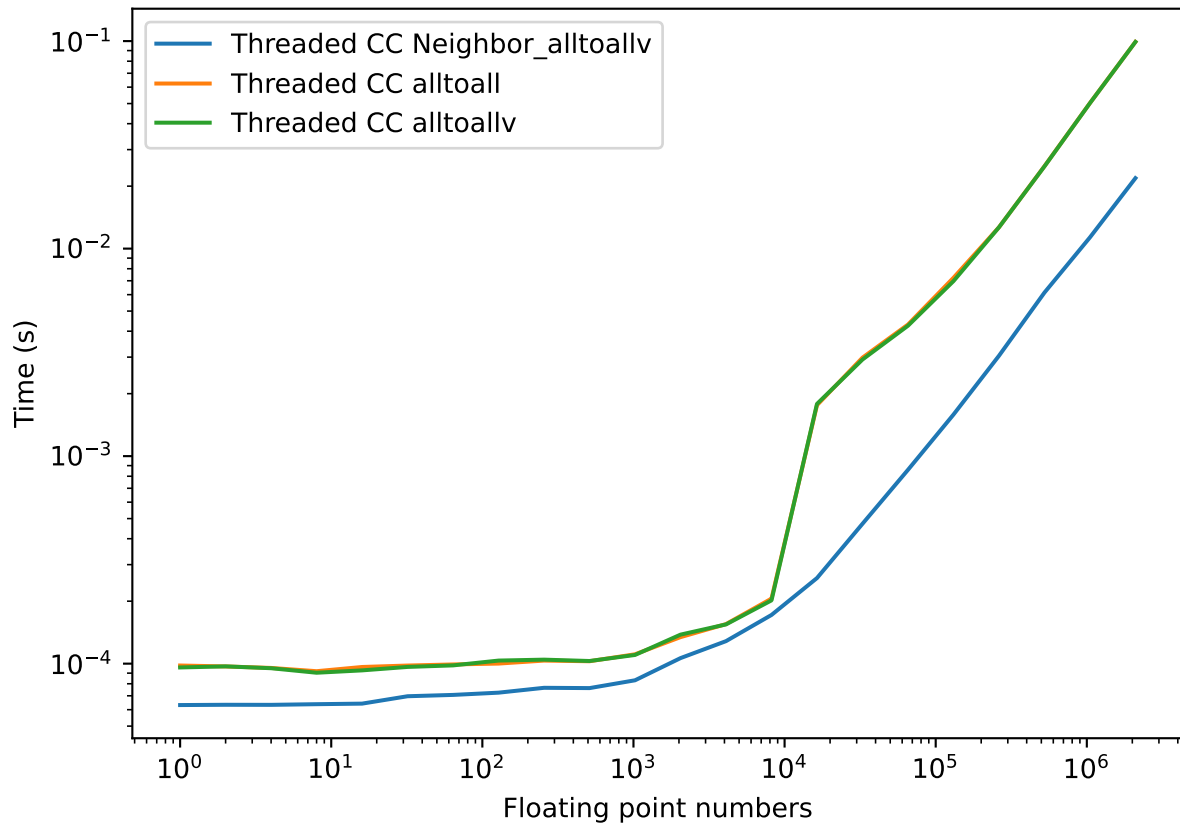
Threaded: 2



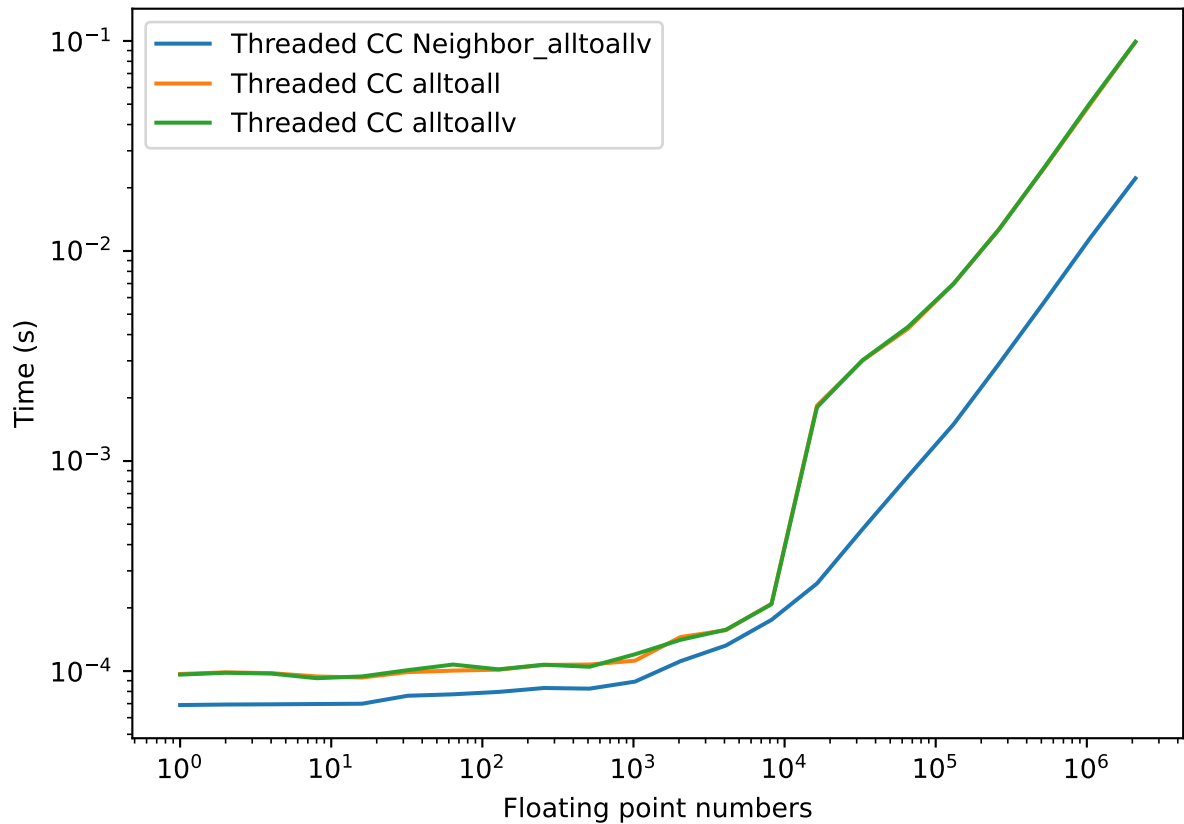
Threaded: 4



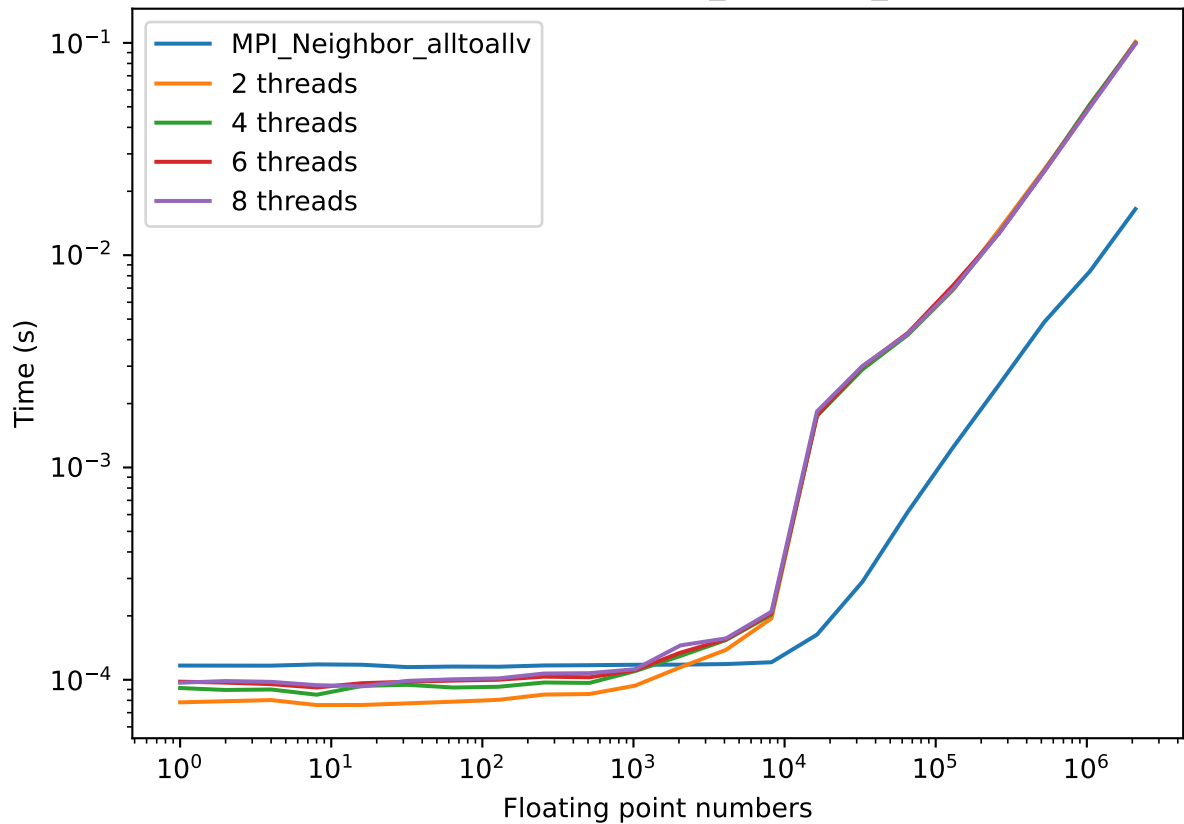
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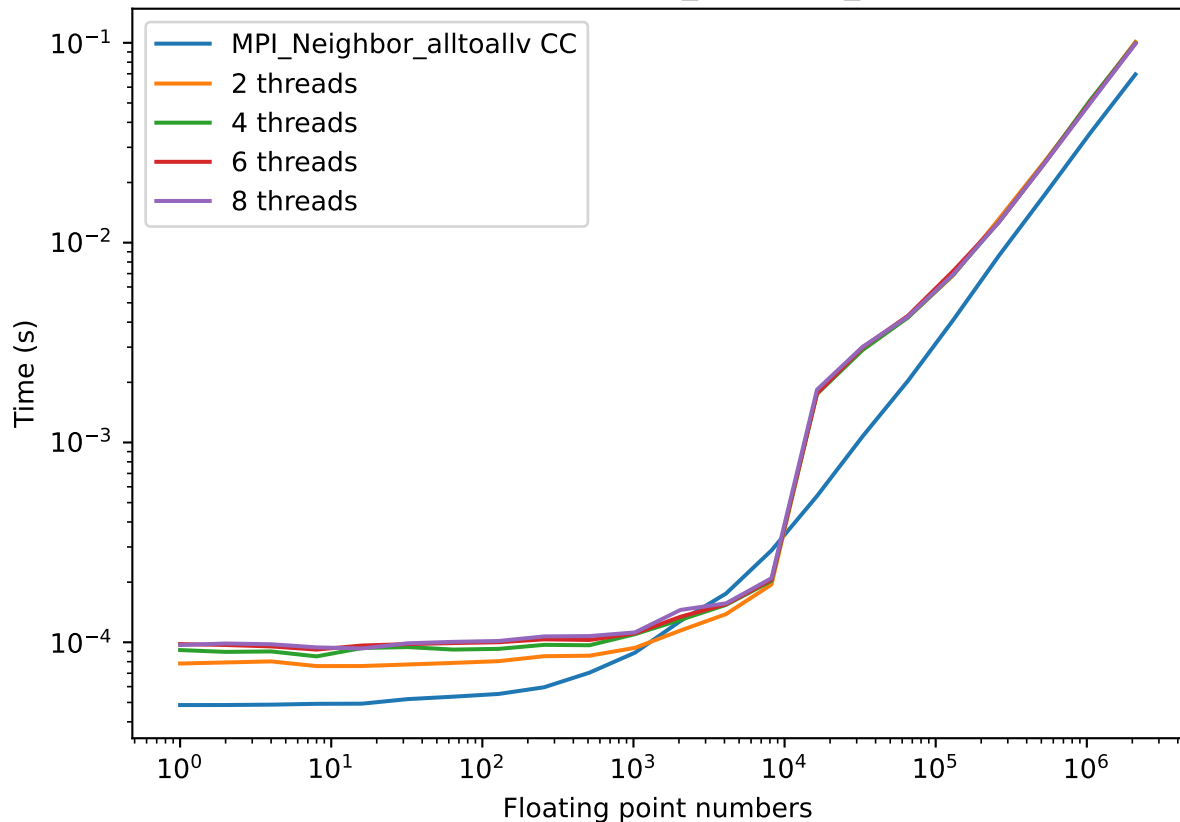
Threaded: 8



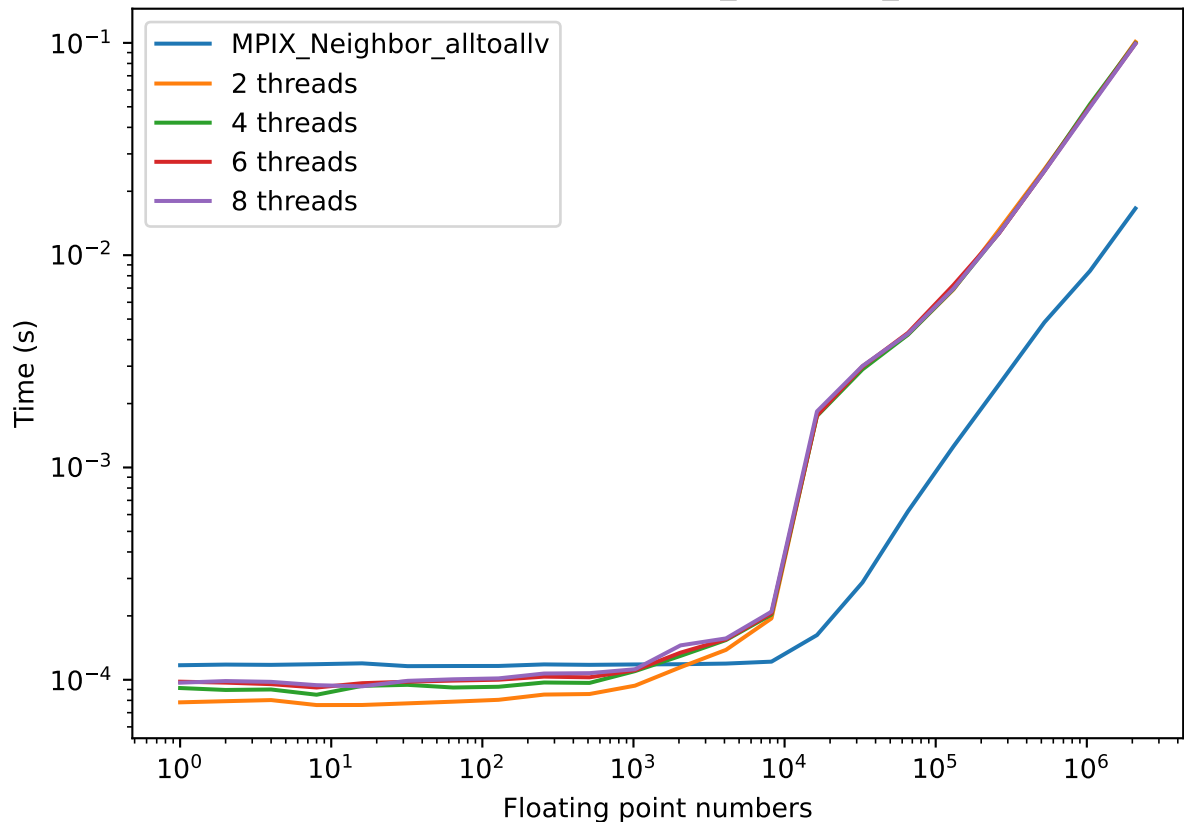
Threaded All-to-all vs MPI_Neighbor_alltoallv



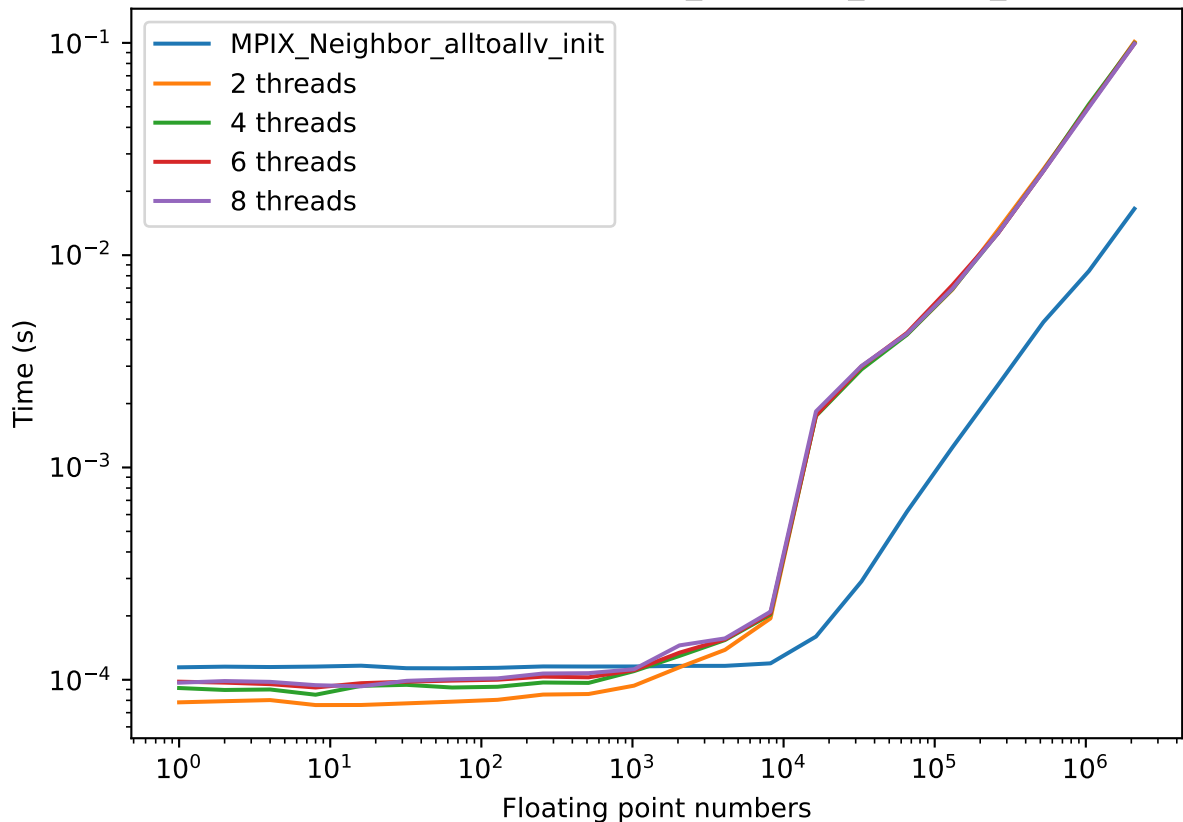
Threaded All-to-all vs MPI_Neighbor_alltoallv CC



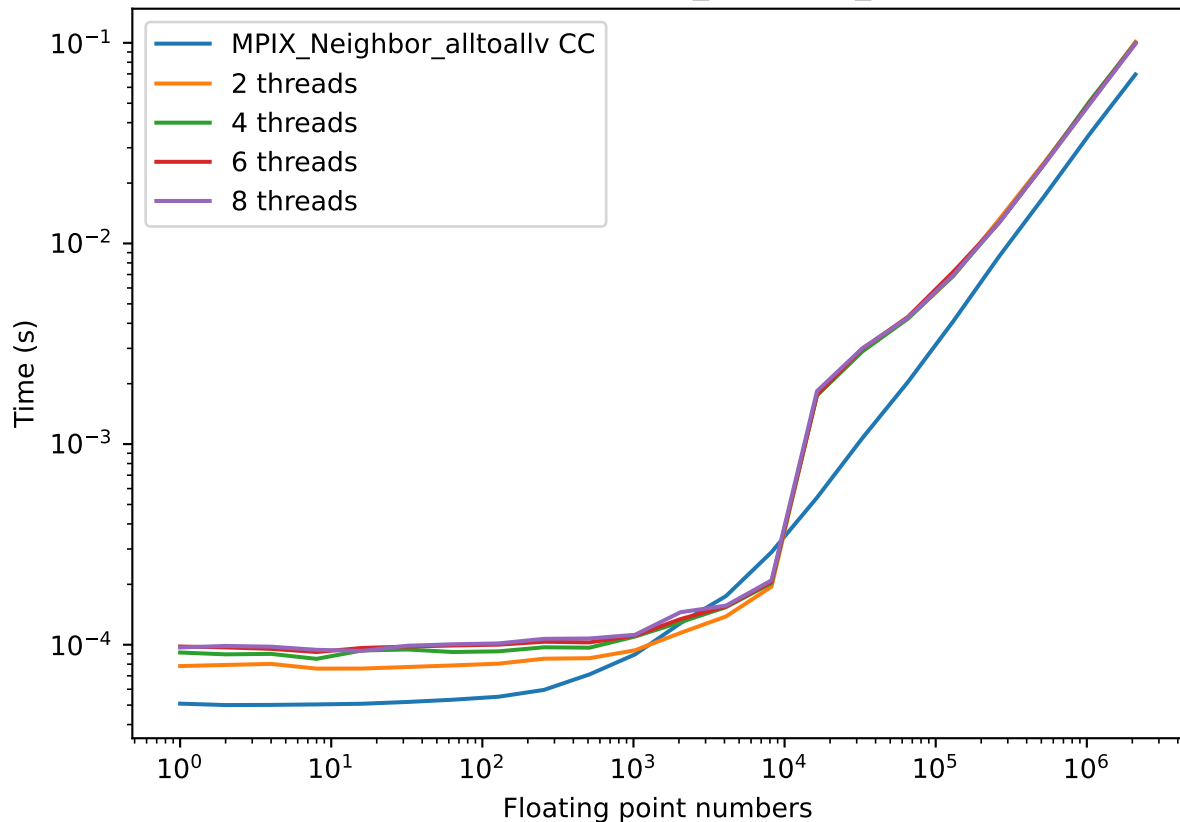
Threaded All-to-all vs MPIX_Neighbor_alltoallv



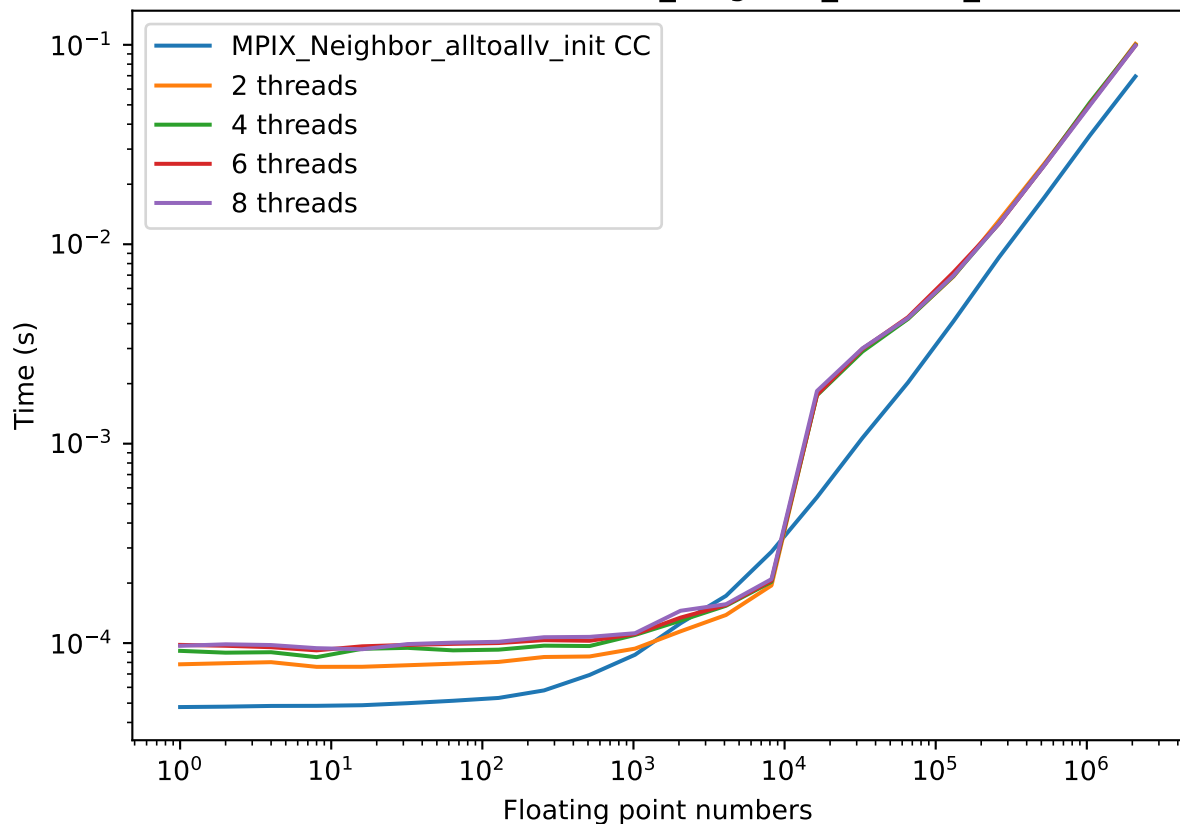
Threaded All-to-all vs MPIX_Neighbor_alltoallv_init



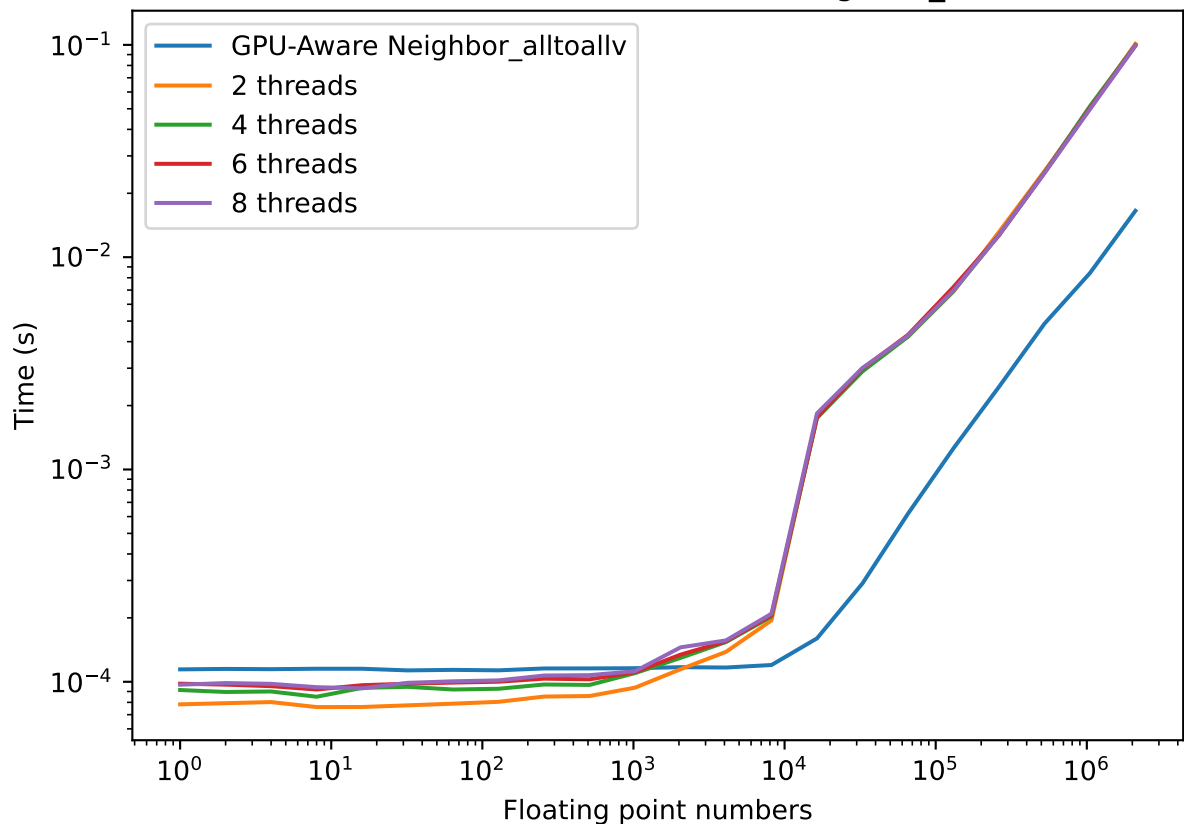
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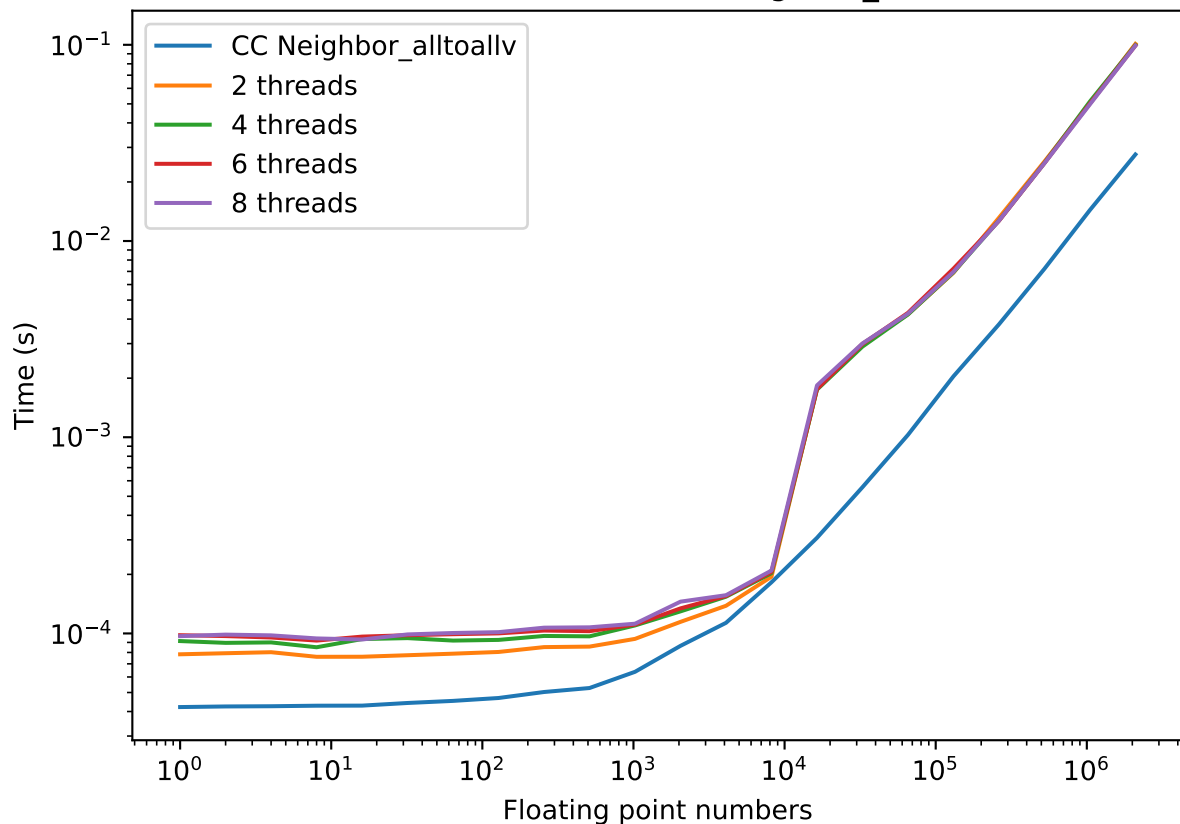
Threaded All-to-all vs MPIX_Neighbor_alltoallv_init CC



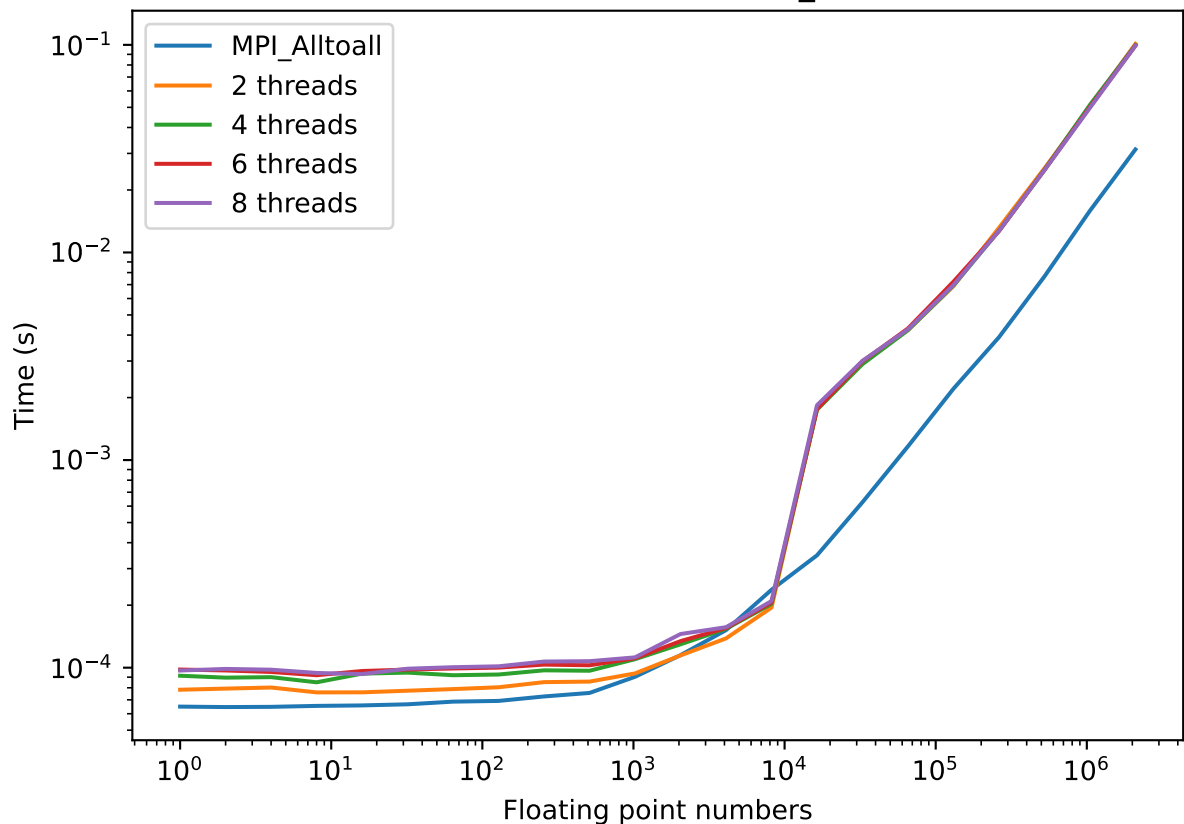
Threaded All-to-all vs GPU-Aware Neighbor_alltoallv



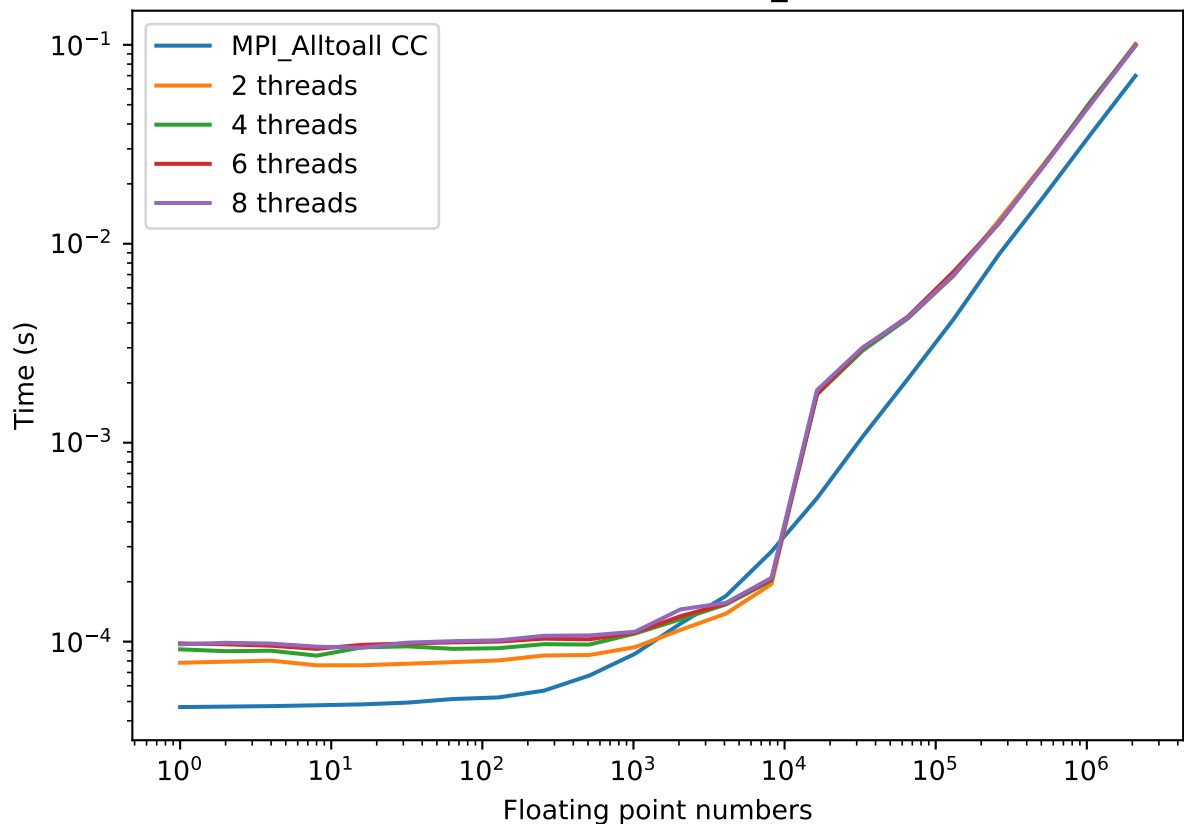
Threaded All-to-all vs CC Neighbor_alltoallv



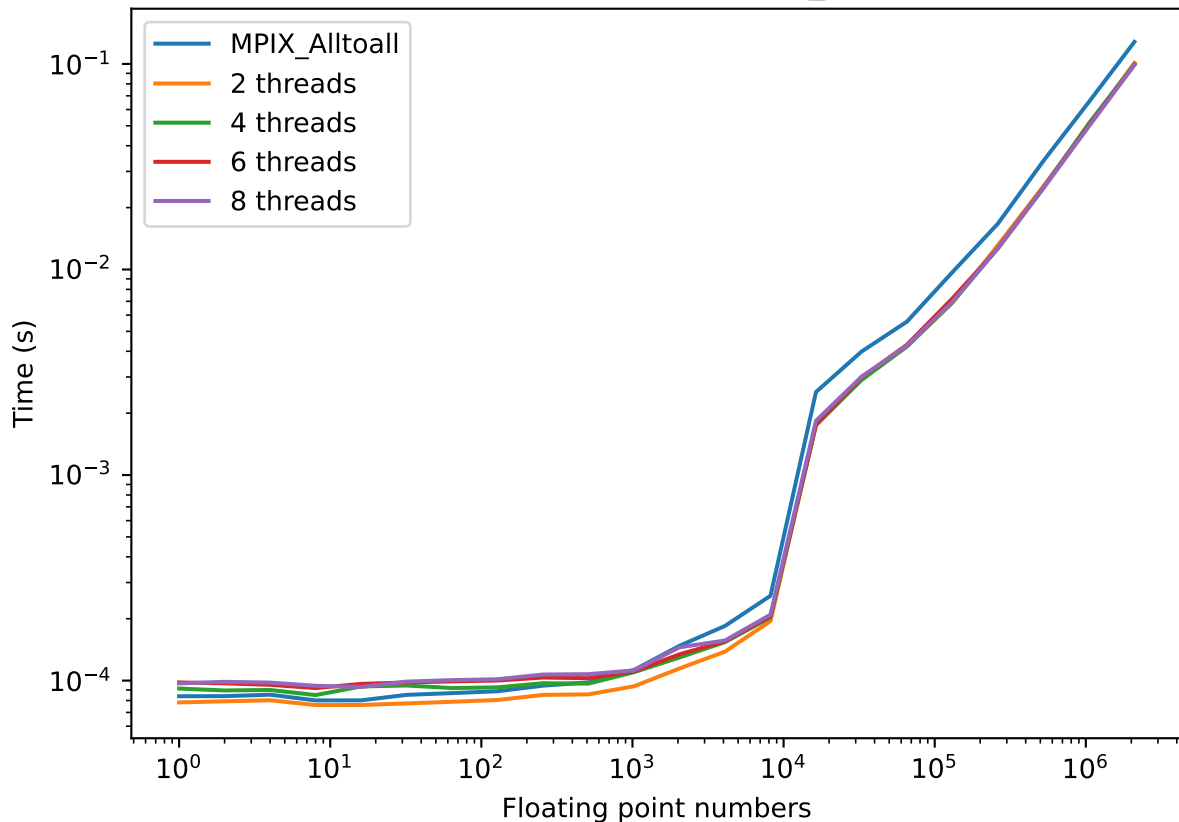
Threaded All-to-all vs MPI_Alltoall



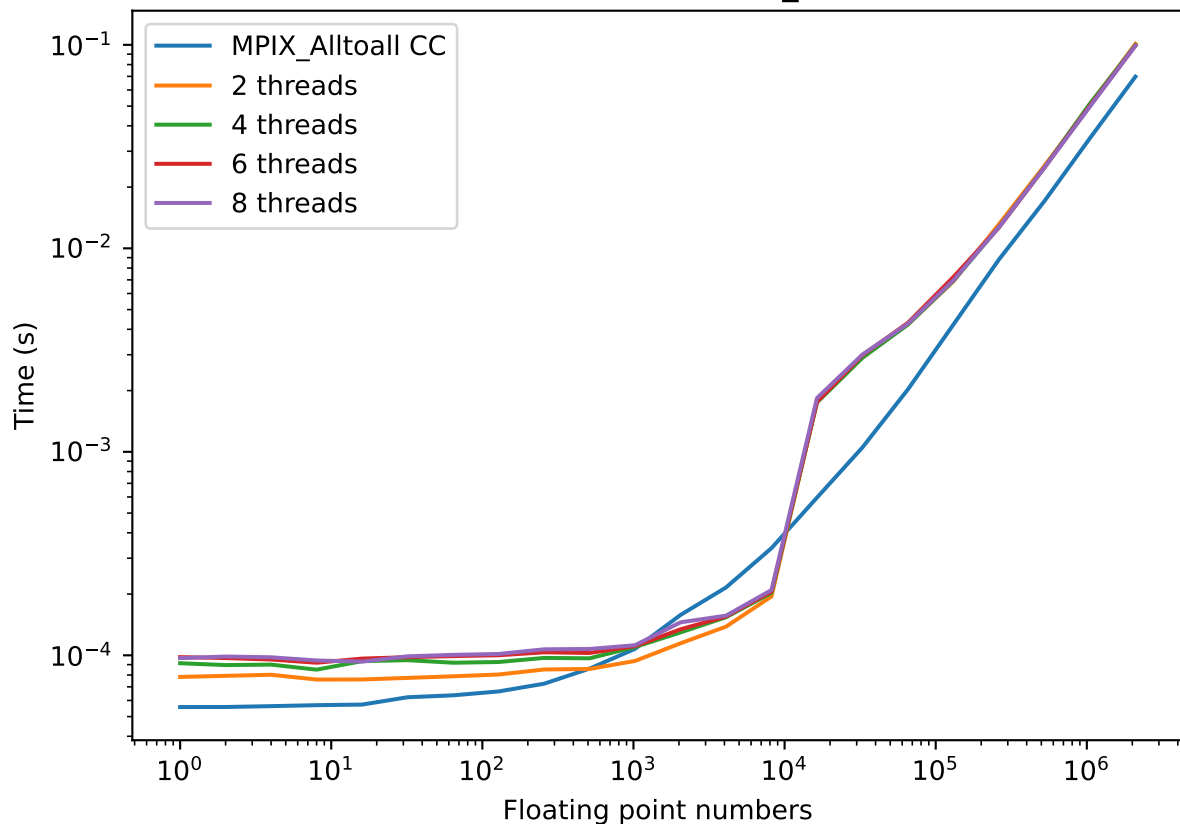
Threaded All-to-all vs MPI_Alltoall CC



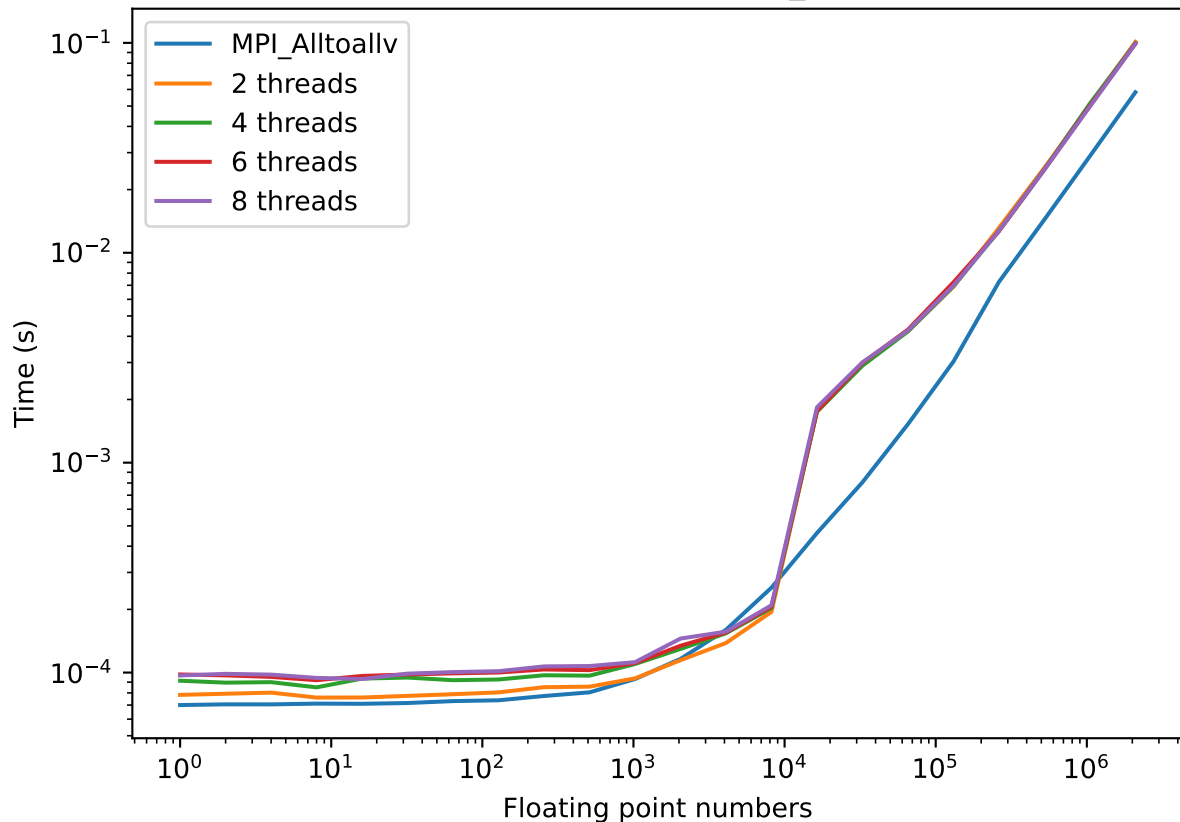
Threaded All-to-all vs MPIX_Alltoall



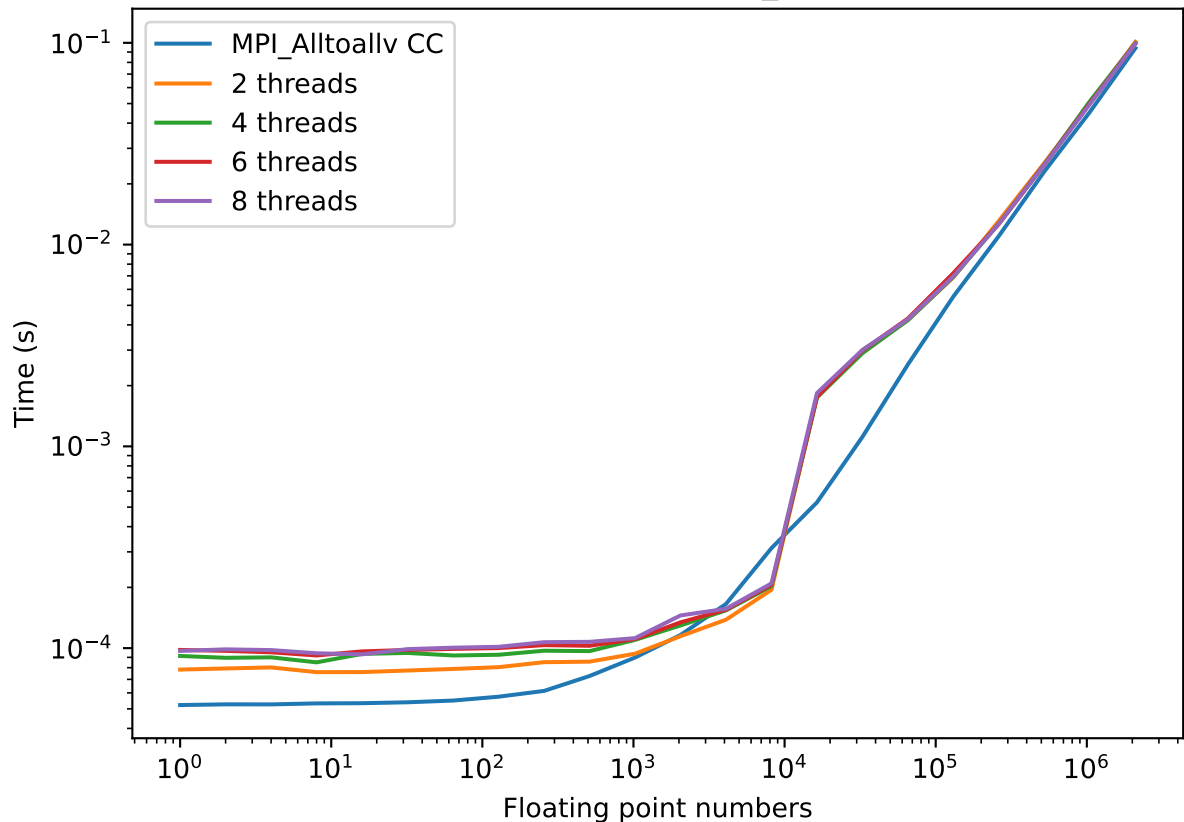
Threaded All-to-all vs MPIX_Alltoall CC



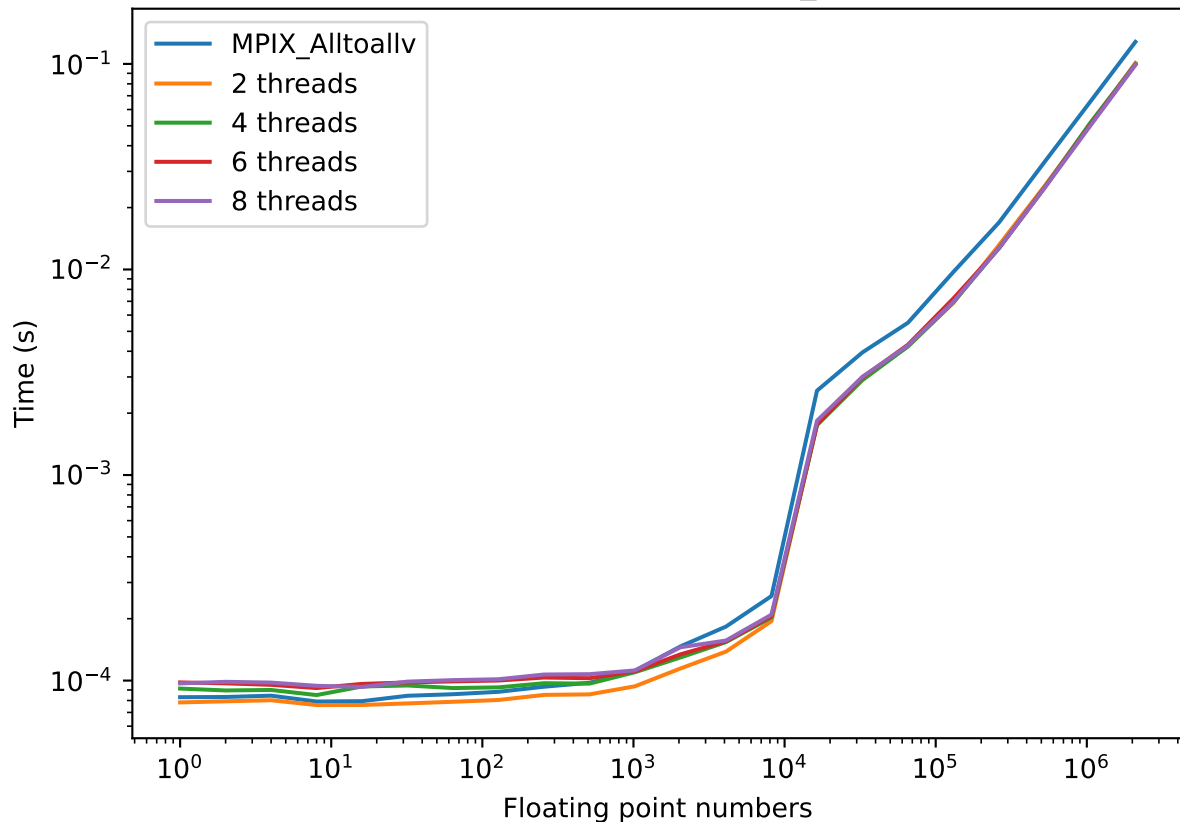
Threaded All-to-all vs MPI_Alltoallv



Threaded All-to-all vs MPI_Alltoallv CC



Threaded All-to-all vs MPIX_Alltoallv



Threaded All-to-all vs MPIX_Alltoallv CC

