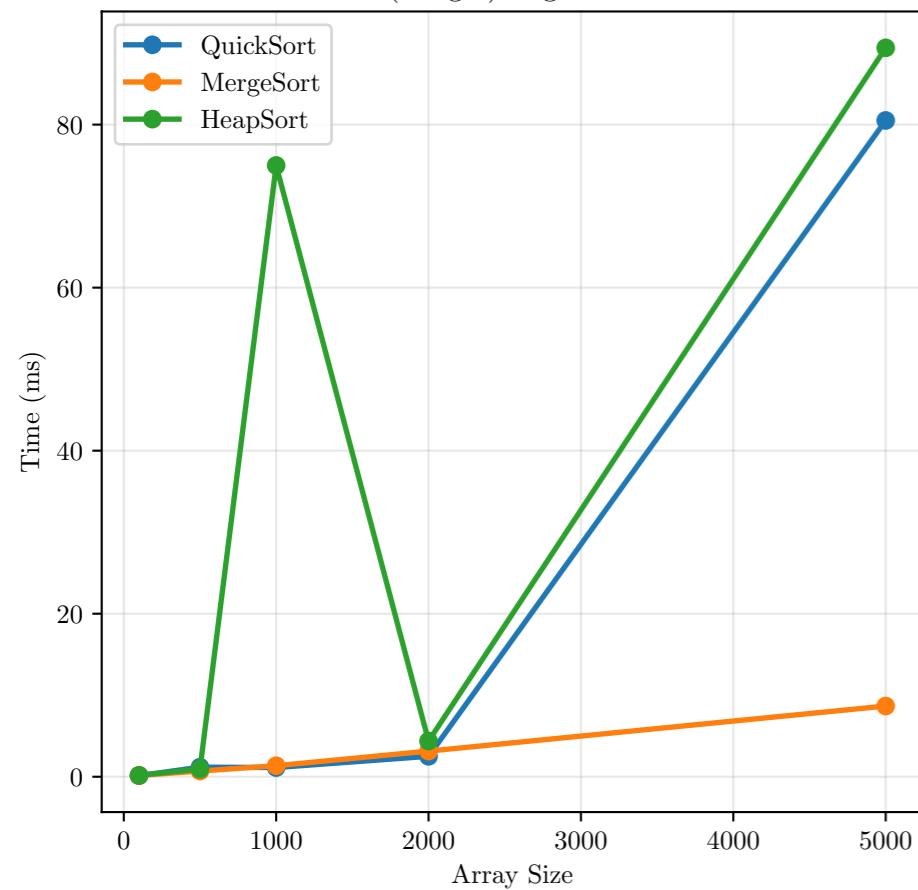
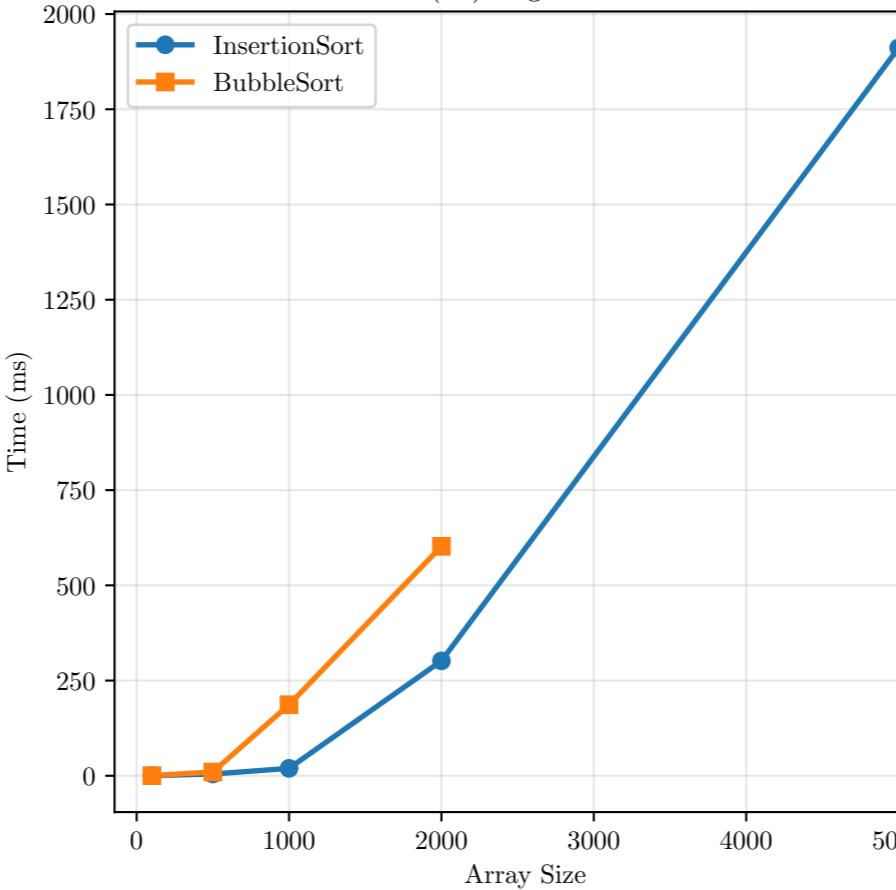
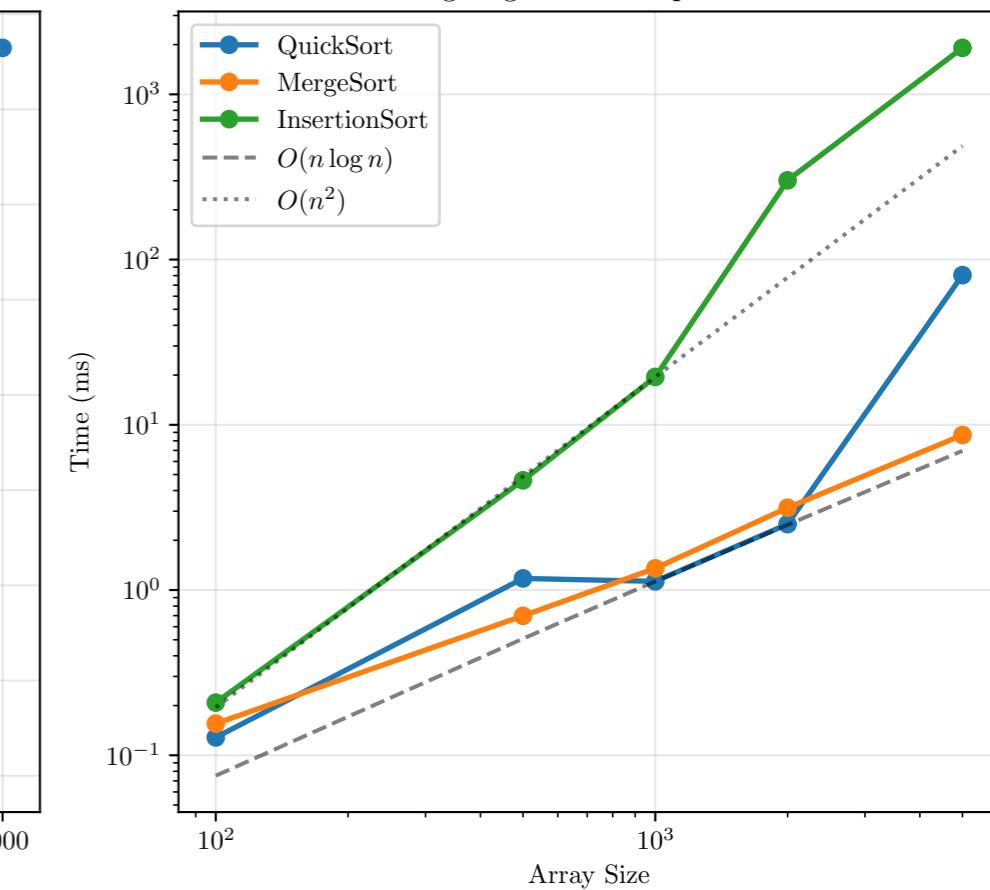
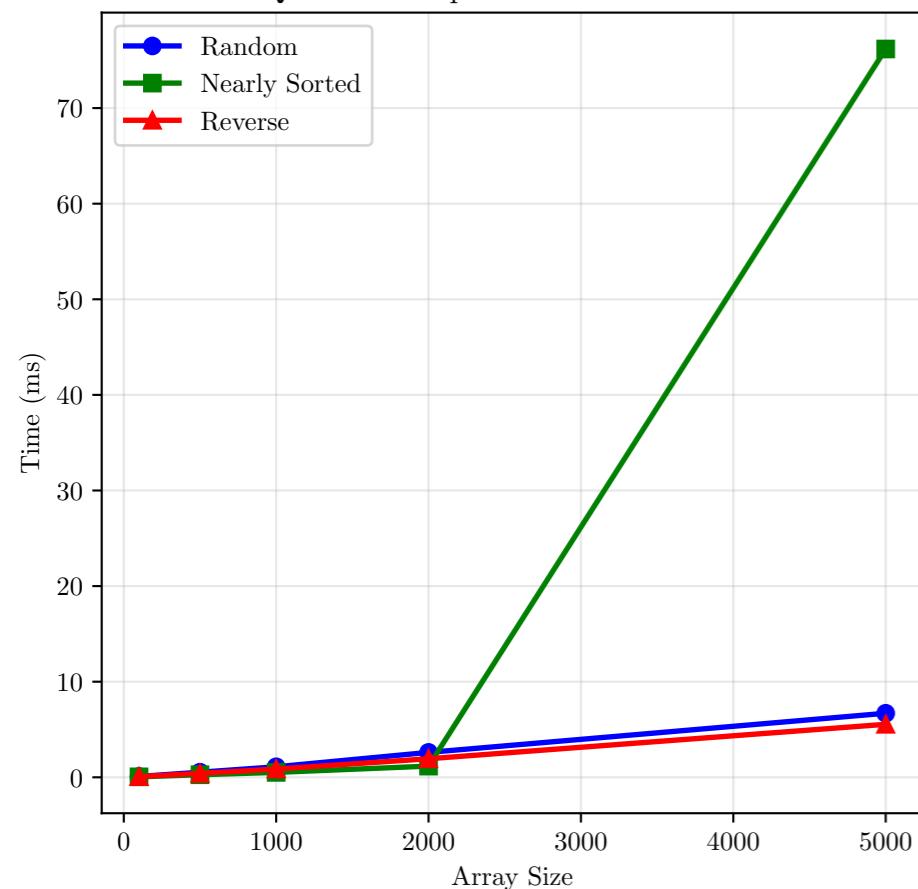


$O(n \log n)$  Algorithms $O(n^2)$  Algorithms

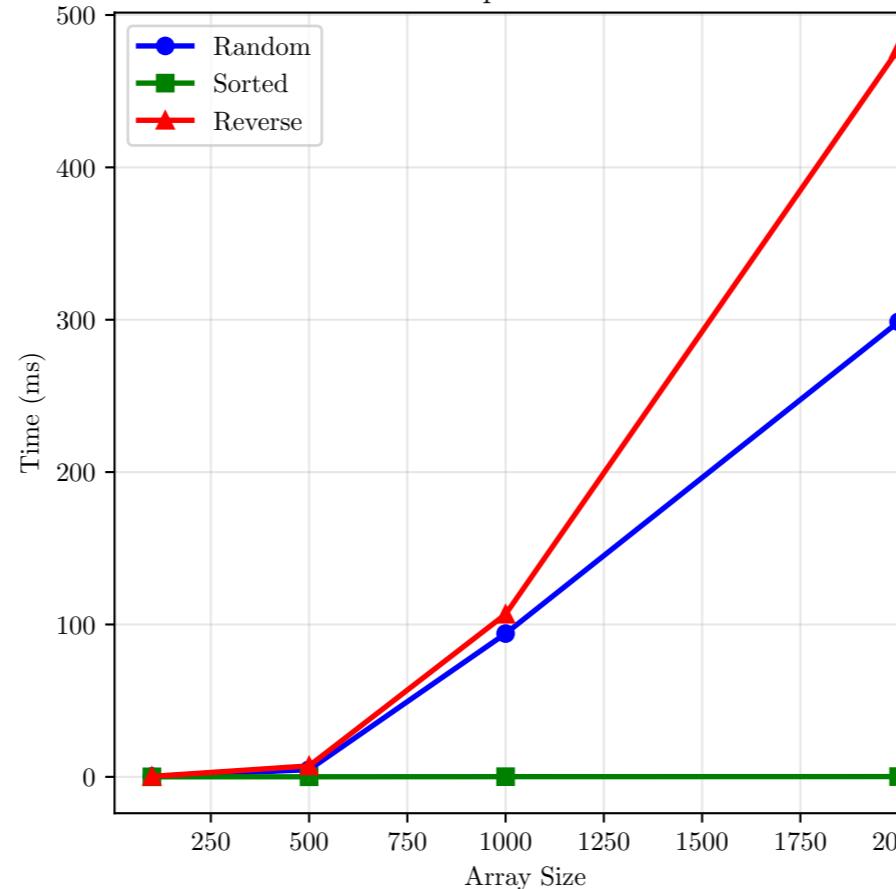
Log-Log Scale Comparison



QuickSort: Input Distribution Effect



InsertionSort: Input Distribution Effect



Algorithm Speedup

