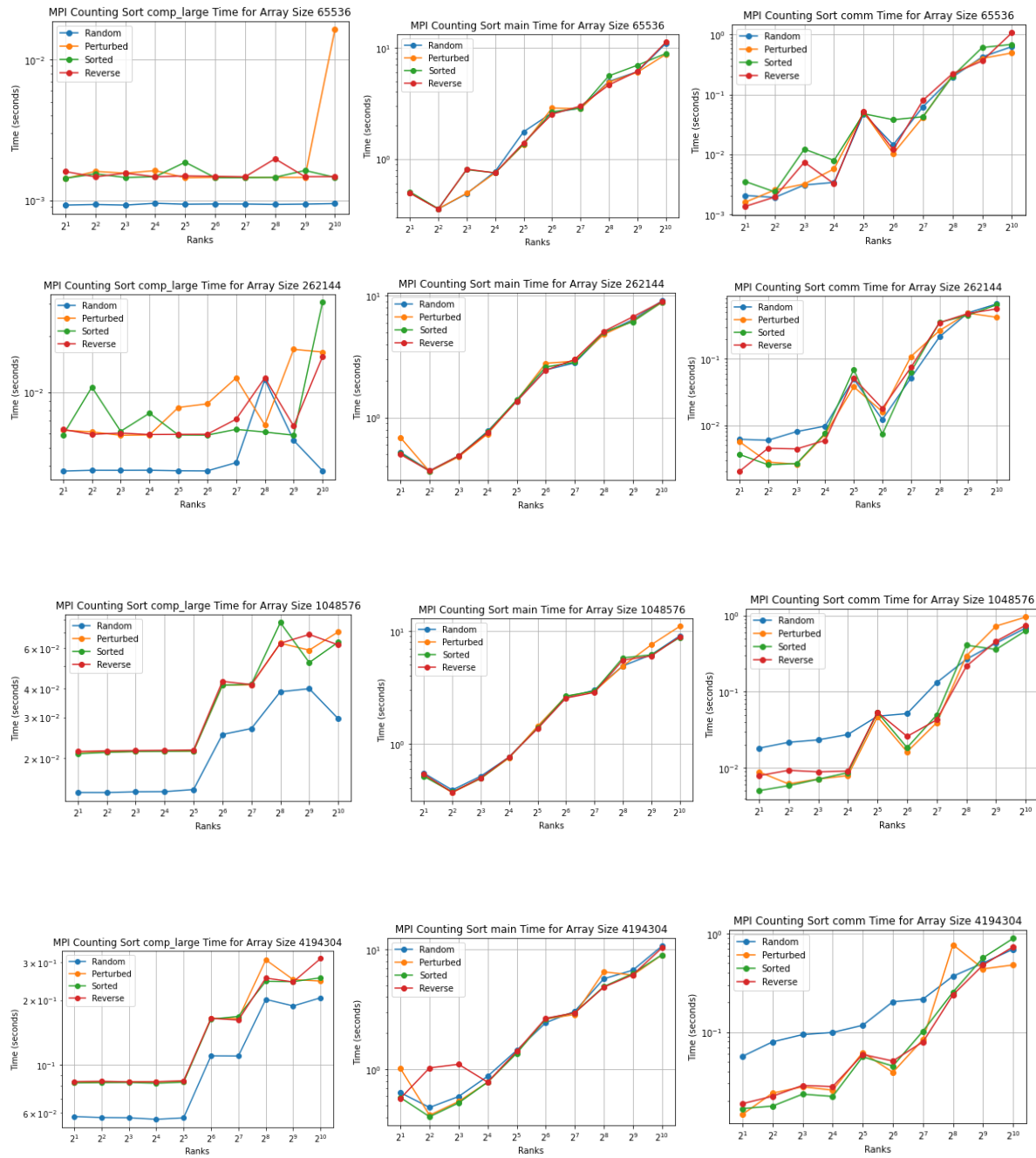
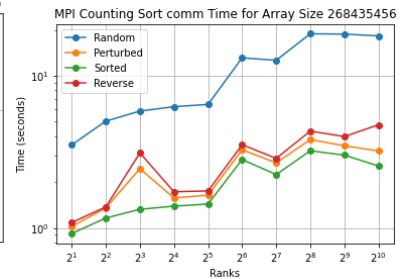
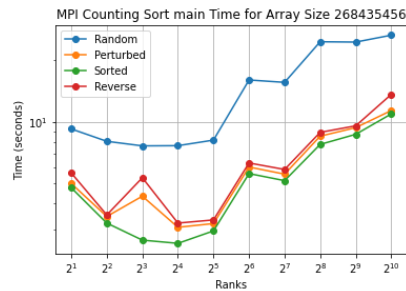
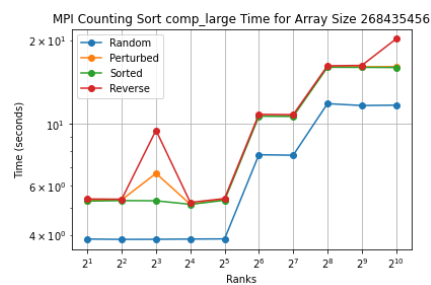
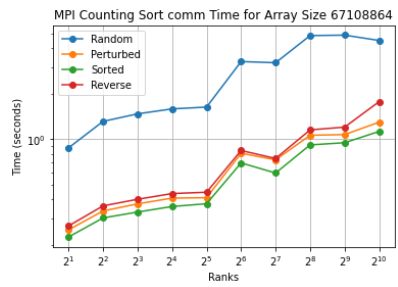
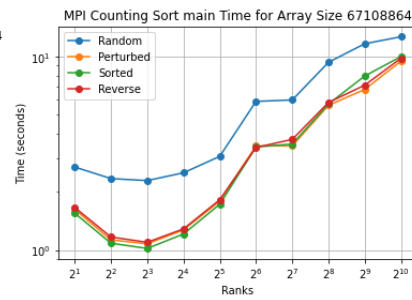
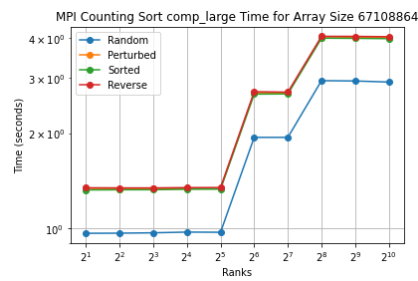
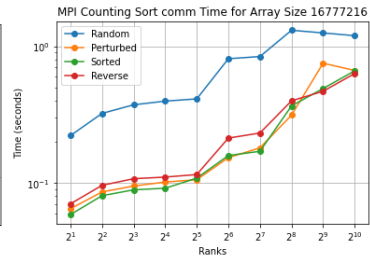
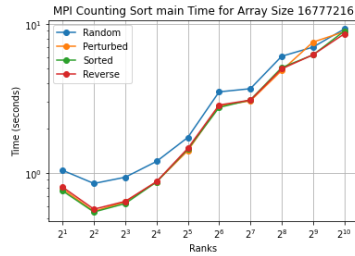
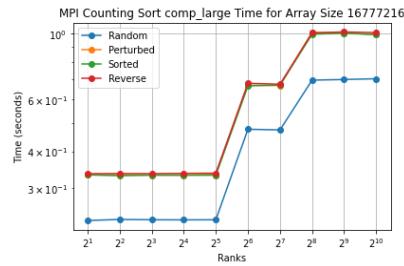


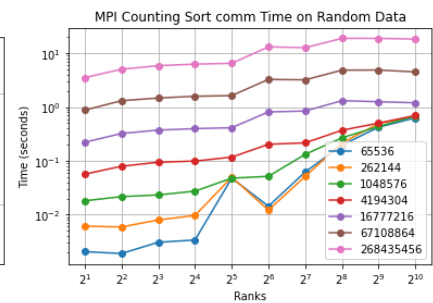
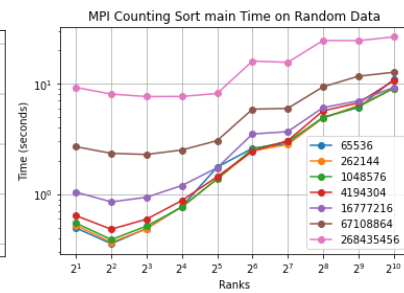
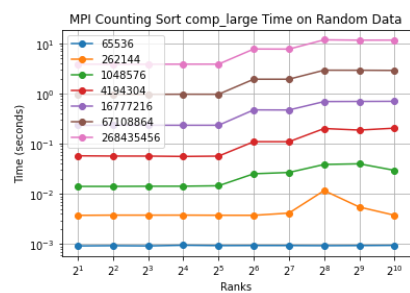
Counting Sort MPI Plots

Strong Scaling:

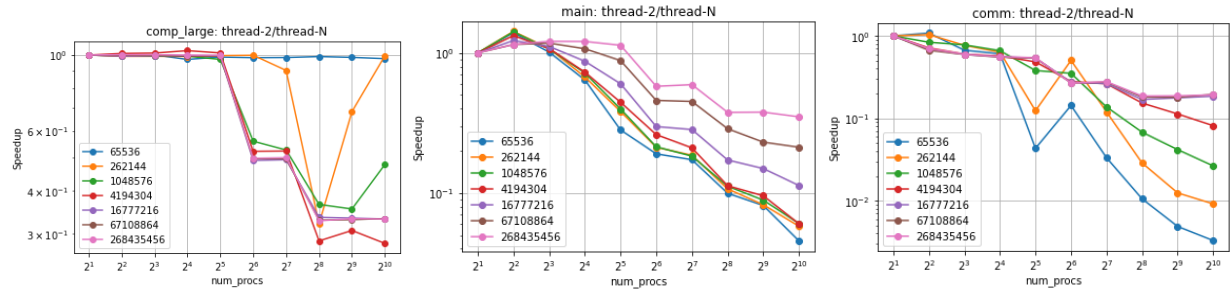




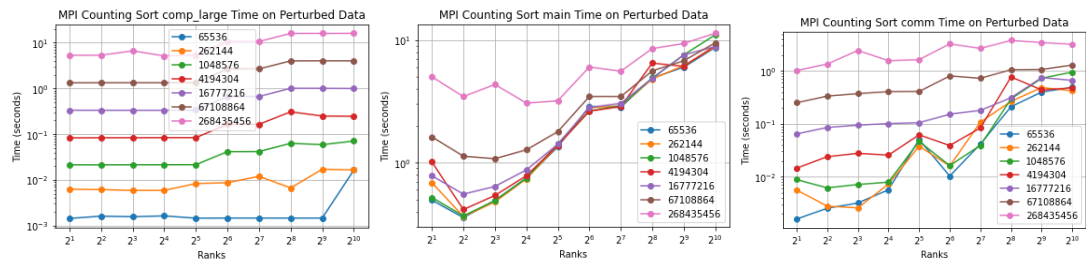
Weak Scaling (Random):



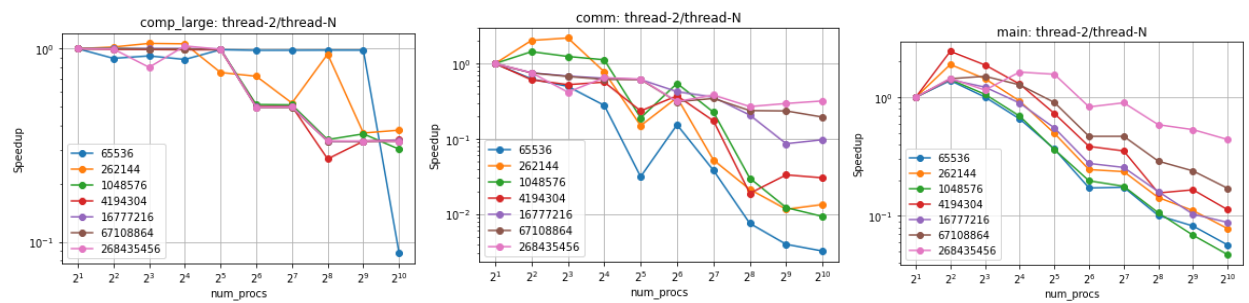
Speedup (Random):



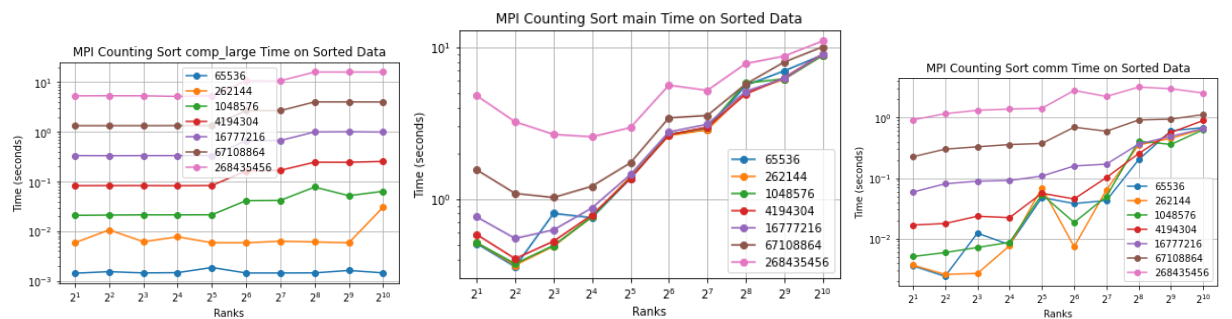
Weak Scaling (Perturbed):



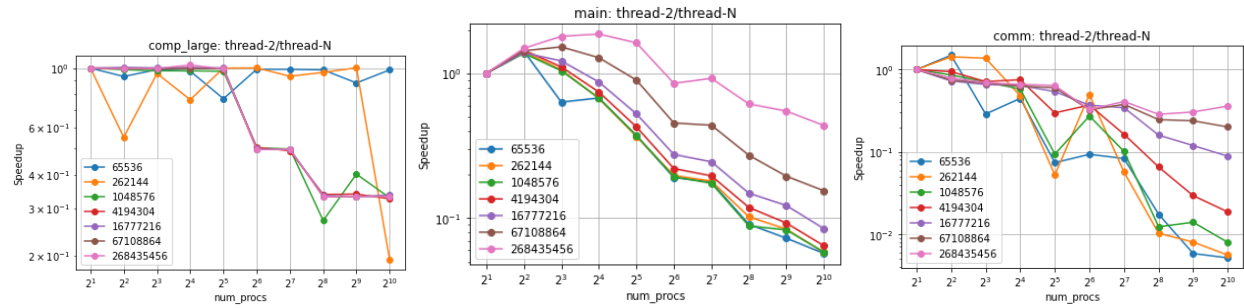
Speedup (Perturbed):



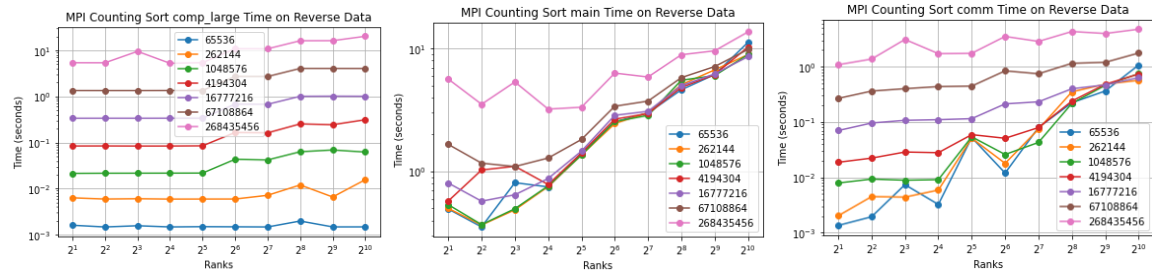
Weak Scaling (Sorted):



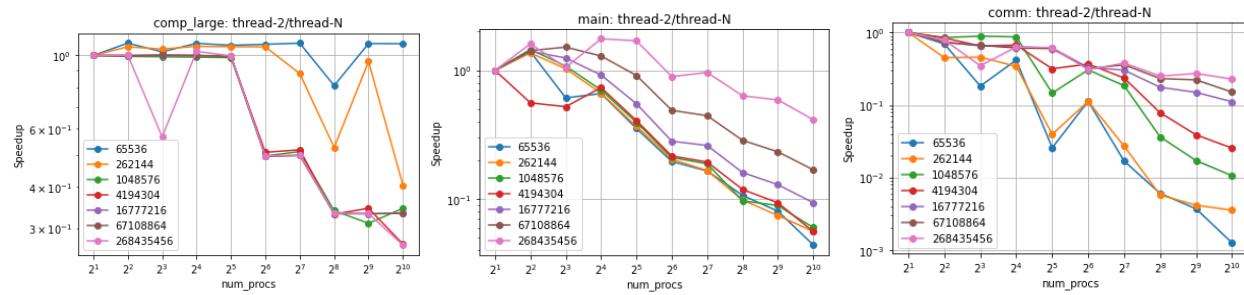
Speedup (Sorted):



weak scaling (Reverse):

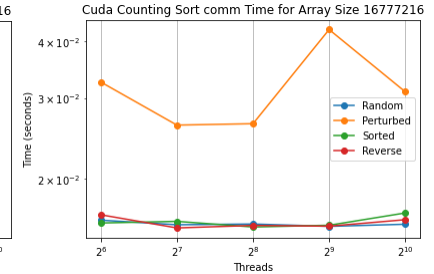
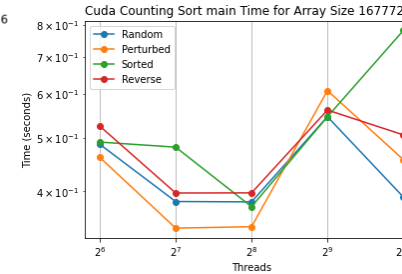
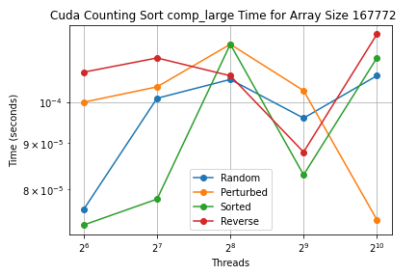
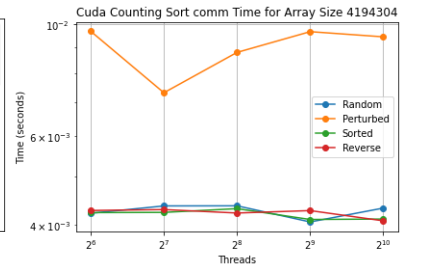
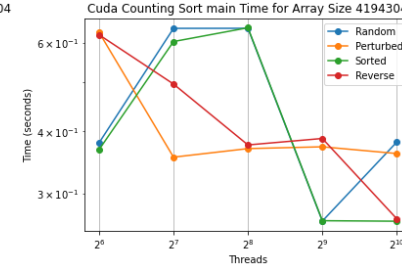
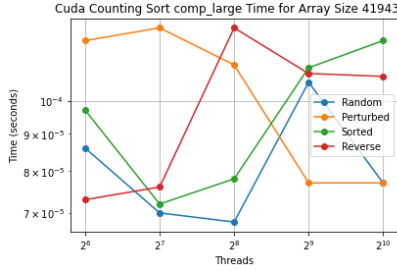
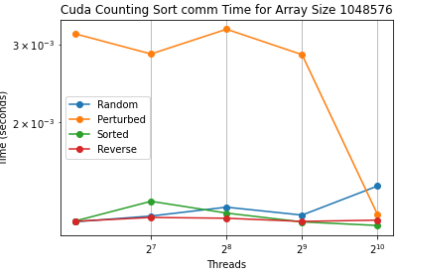
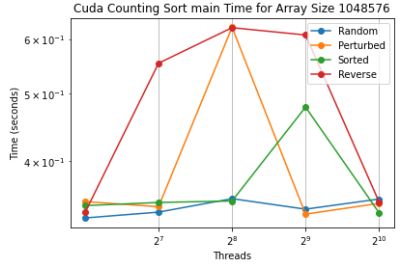
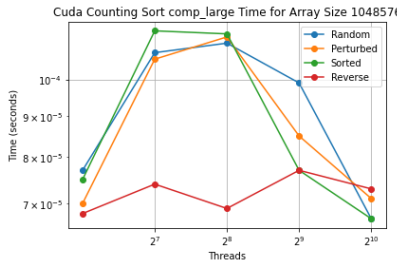
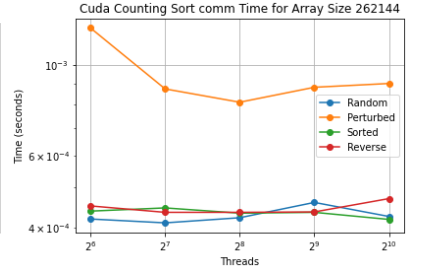
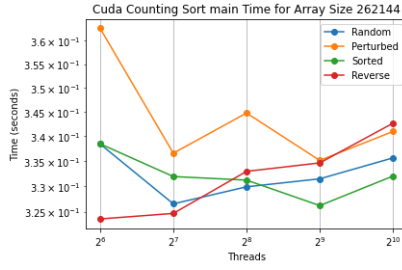
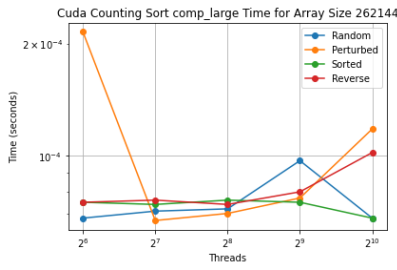
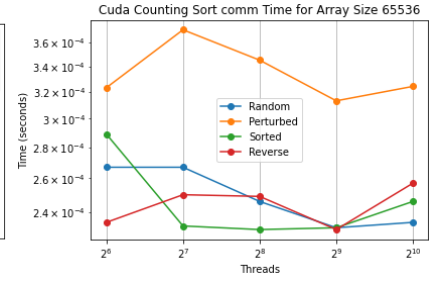
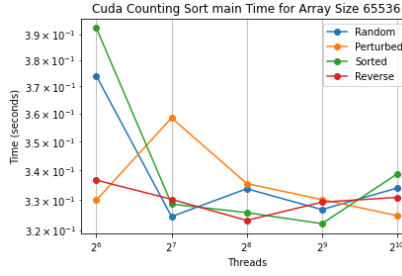
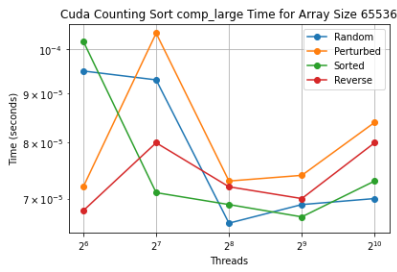


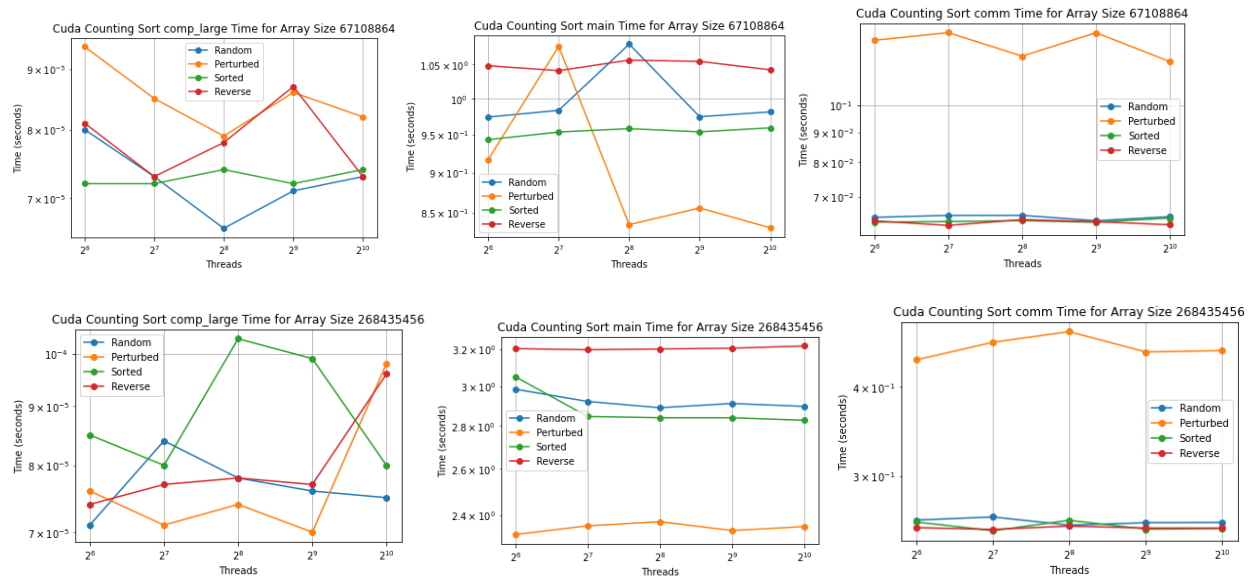
Speedup (Reverse):



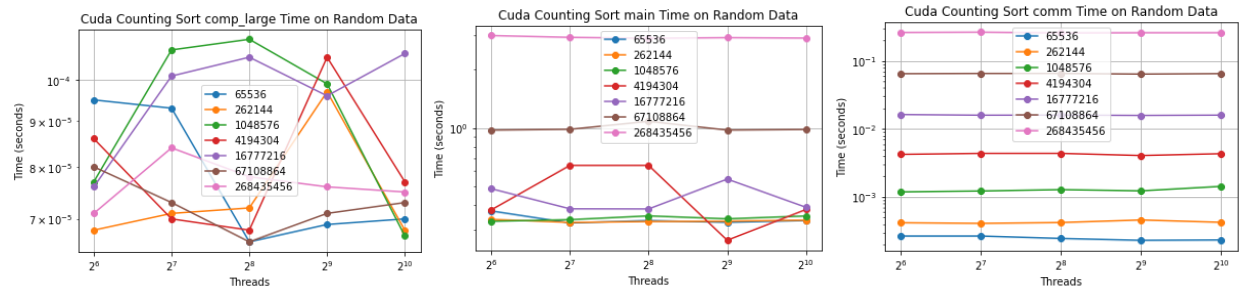
Counting Sort CUDA Plots

Strong Scaling:

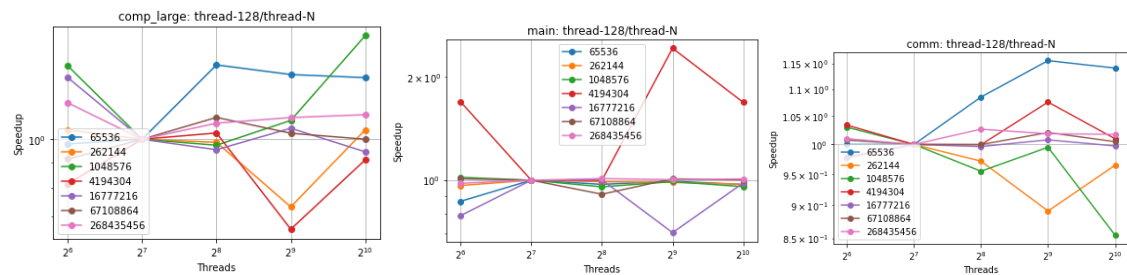




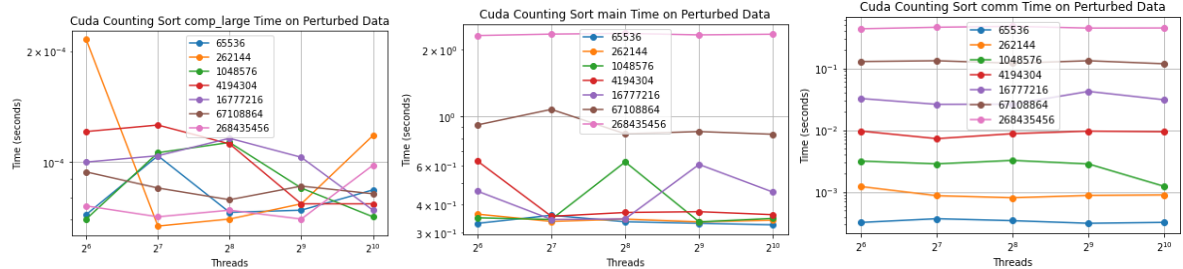
Weak Scaling (Random):



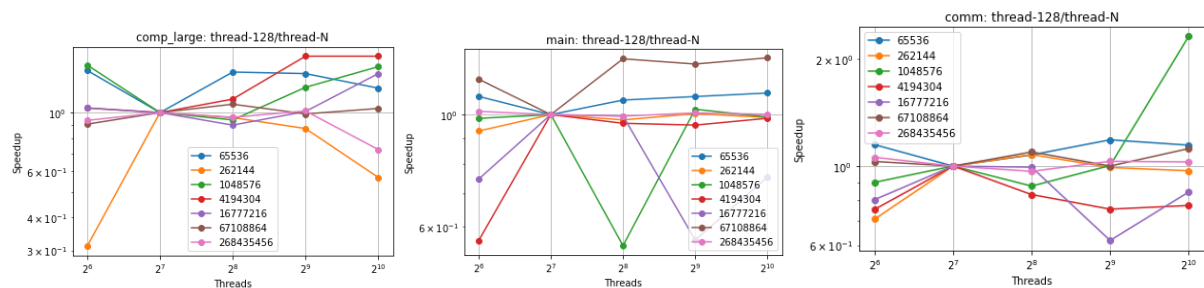
Speedup (Random):



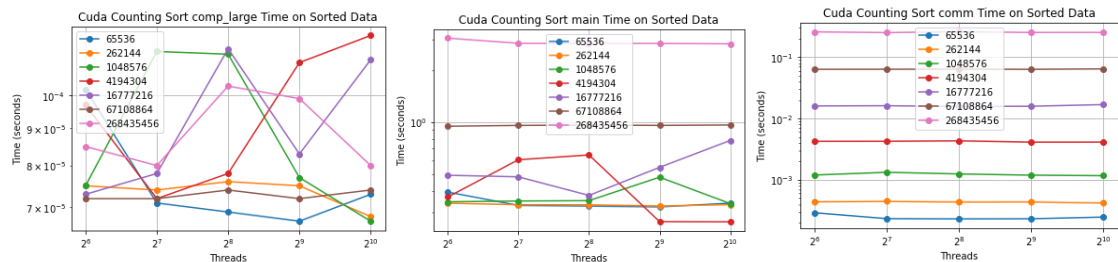
Weak Scaling (Perturbed):



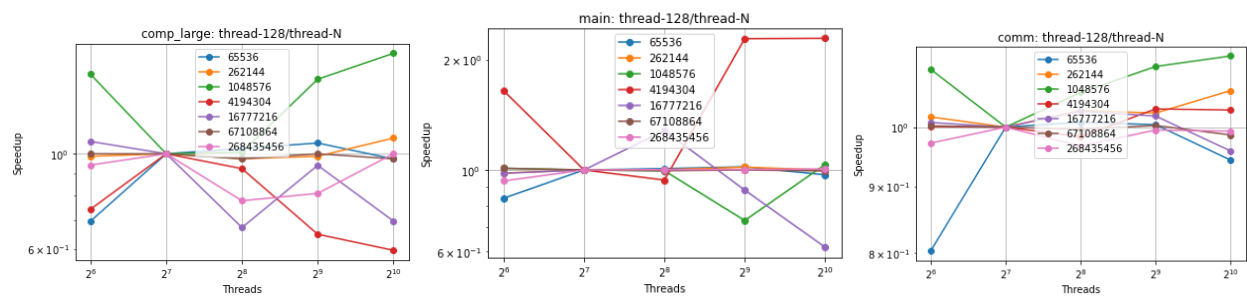
Speedup (Perturbed):



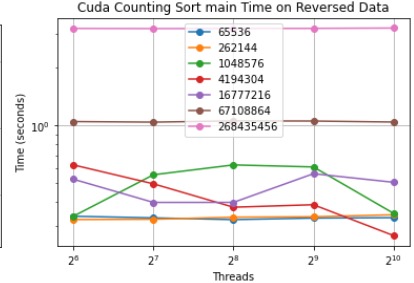
Weak Scaling (Sorted):



Speedup (Sorted):



Weak Scaling (Reverse):



comm: thread-128/thread-N

Threads	65536	262144	1048576	4194304	16777216	67108864	268435456
2 ⁶	1.07	1.00	1.02	1.00	1.00	1.00	1.00
2 ⁷	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2 ⁸	1.00	1.00	1.00	1.00	0.99	0.98	1.01
2 ⁹	1.08	1.00	1.02	1.00	0.99	0.98	1.00
2 ¹⁰	0.97	0.92	1.01	1.00	0.96	1.00	1.05