Runtimes of sort Algorithms for -random data quick sort 300000 python sorted numpy sort merge sort 250000 heap_sort Time in microseconds c1 = 1e-05 \times c2= 0.5 200000 150000 100000 50000 0 -5000 15000 25000 30000 35000 40000 10000 20000 Size of the numeric array