Ordinary Least Squares Regression 1e8 Cpus Per Node = 4 Cpus Per Node = 1 625000 -1.50 Latency Walltime Inlet (ns) 600000 Num Simels Per Cpu = 1.25 575000 1.00 550000 0.75 525000 0.50 500000 0.25 475000 0.00 1e7 1e6 Num Simels Per Cpu = 2048 Latency Walltime Inlet (ns) 2.8 2.0 2.6 1.5 2.4 1.0 2.2 0.5 2.0 0.0 1.8

2

Log Num Processes

3

Log Num Processes

2