Ordinary Least Squares Regression Cpus Per Node = 1 Cpus Per Node = 41e6 625000 + 3.0 Latency Walltime Inlet (ns) 600000 -Num Simels Per Cpu = 2.5 575000 2.0 550000 -1.5 525000 500000 1.0 475000 0.5 1e7 1e6 Num Simels Per Cpu = 2048 2.8 Latency Walltime Inlet (ns) 2.0 2.6 1.5 2.4 1.0 2.2 0.5 2.0 1.8 0.0 -3

Log Num Processes

Log Num Processes