Ordinary Least Squares Regression Cpus Per Node = 4 Cpus Per Node = 1 1e6 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 2.8 Num Simels Per Cpu = 2048 Latency Walltime Inlet (ns) 2.0 2.6 1.5 2.4 2.2 1.0 2.0 0.5 1.8 3 Log Num Processes Log Num Processes