Ordinary Least Squares Regression Cpus Per Node = 1 Cpus Per Node = 41e8 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 0.00 475000 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 0.0 1.8 3 2 3 Log Num Processes Log Num Processes