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 475000 0.00 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 2.5 3.0 4.0 2.0 3.0 3.5 4.0 2.0 3.5 2.5 Log Num Processes Log Num Processes