Ordinary Least Squares Regression Cpus Per Node = 4 Cpus Per Node = 1 1e8 1.75 90000 1.50 Num Simels Per Cpu = Simstep Period Inlet (ns) 85000 -1.25 1.00 80000 -0.75 75000 -0.50 70000 0.25 0.00 65000 1e6 1e6 2.1 -2.0 Num Simels Per Cpu = 2048 Simstep Period Inlet (ns) 2.0 1.9 1.8 1.9 1.7 1.8 1.6 1.7 1.5 3 3 2 Log Num Processes Log Num Processes