Ordinary Least Squares Regression Cpus Per Node = 1 Cpus Per Node = 41e8 1.75 90000 1.50 Num Simels Per Cpu = Simstep Period Inlet (ns) 85000 -1.25 1.00 80000 -0.75 75000 0.50 0.25 70000 0.00 65000 1e6 1e6 Num Simels Per Cpu = 2048 2.1 2.0 Simstep Period Inlet (ns) 1.9 2.0 1.8 1.9 1.7 1.8 1.6 1.7 1.5 2.0 2.5 3.0 4.0 2.0 2.5 3.0 3.5 4.0 3.5 Log Num Processes Log Num Processes