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