Ordinary Least Squares Regression Cpus Per Node = 4 Cpus Per Node = 1 9.0 9 Num Simels Per Cpu = Latency Simsteps Inlet 8.5 8.0 8 7.5 7.0 6.5 6 6.0 12 1.45 Num Simels Per Cpu = 2048 Latency Simsteps Inlet 10 1.40 8 1.35 1.30 6

1.25

1.20

1.15

2

3

Log Num Processes

2

2

3

Log Num Processes