Quantile Regression Cpus Per Node = 1 Cpus Per Node = 4625000 -500000 Latency Walltime Outlet (ns) Num Simels Per Cpu 600000 475000 575000 450000 550000 425000 525000 500000 400000 475000 375000 450000 1e6 1e6 2.75 Latency Walltime Outlet (ns) Num Simels Per Cpu = 2048 2.6 2.50 2.25 2.4 2.00 1.75 2.2 1.50

1.25

Log Num Processes

2.0

Log Num Processes