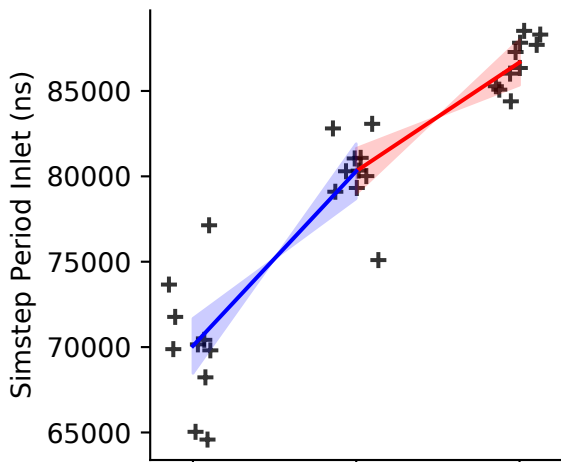


Quantile Regression

Cpus Per Node = 1



Cpus Per Node = 4

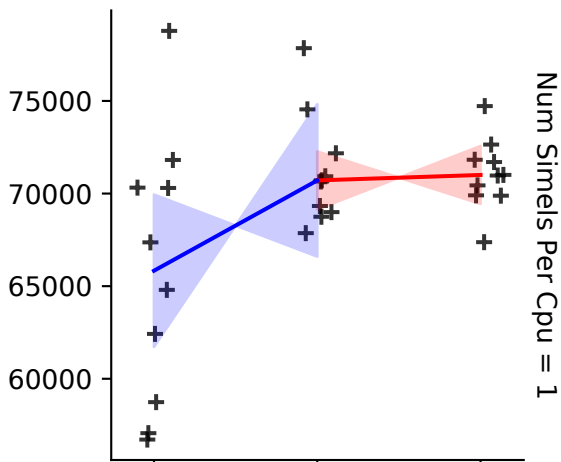


Figure 10 is a line graph showing the Simstep Period Inlet (ns) on the y-axis (scaled by 10^6) versus the Log Num Processes on the x-axis. The y-axis ranges from 1.7 to 2.1, and the x-axis ranges from 2 to 3.5. The data points are marked with '+' and connected by a blue line. A red line segment is also shown, starting from the blue line at x=3 and extending to the right.

Log Num Processes	Simstep Period Inlet (ns) ($\times 10^6$)
2.0	1.70
2.1	1.71
2.2	1.72
2.3	1.73
2.4	1.74
2.5	1.75
2.6	1.76
2.7	1.77
2.8	1.78
2.9	1.79
3.0	1.80
3.1	1.81
3.2	1.82
3.3	1.83
3.4	1.84
3.5	1.85

Num Simels Per Cpu = 2048

Log Num Processes	Num Simels Per Cpu (x 10 ⁶)
1.8	0.88
2.0	1.55
2.1	1.52
2.2	1.58
2.9	1.85
2.95	1.95
3.0	1.98
3.1	1.92
3.2	1.95
3.9	1.85
4.0	1.88
4.1	1.85