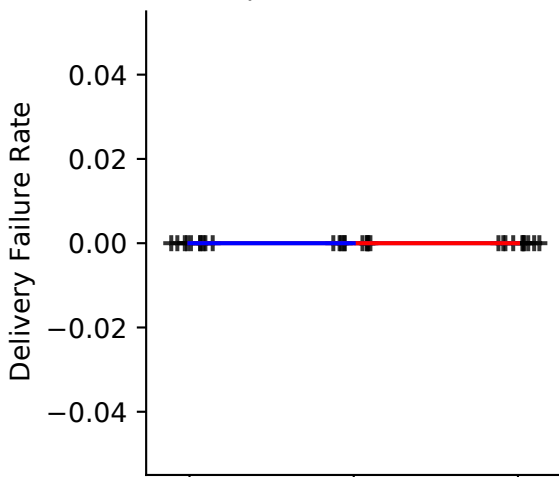


# Quantile Regression

Cpus Per Node = 1



Cpus Per Node = 4

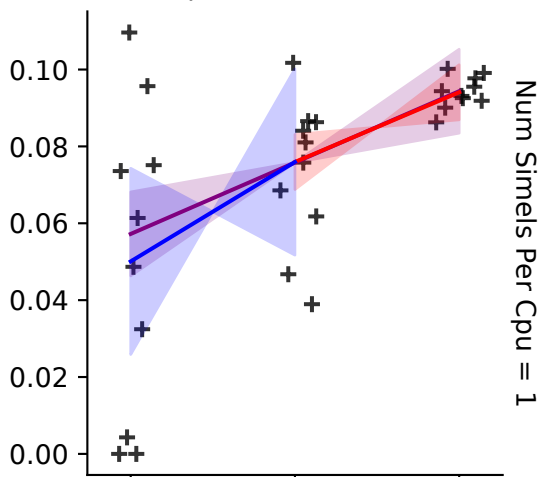


Figure 10 is a line plot showing the Delivery Failure Rate (Y-axis) versus Log Num Processes (X-axis). The Y-axis ranges from -0.04 to 0.04 with increments of 0.02. The X-axis ranges from 2 to 4 with increments of 1. Two data series are plotted: a blue line and a red line. Both lines show a delivery failure rate that is consistently near 0.00 across the range of log number of processes. The blue line is slightly above the red line for log number of processes 2 and 3, but they both converge to 0.00 for log number of processes 4.

Log Num Processes	Blue Line Delivery Failure Rate	Red Line Delivery Failure Rate
2	~0.001	~0.000
3	~0.001	~0.000
4	~0.000	~0.000

Figure 10 is a line plot showing the number of simulations per CPU for 2048 CPUs versus the log of the number of processes. The y-axis is labeled "Num Simels Per Cpu = 2048" and ranges from -0.04 to 0.04. The x-axis is labeled "Log Num Processes" and ranges from 2 to 4. Two lines are plotted: a blue line for "No. of Processes = 2048" and a red line for "No. of Processes = 1024". Both lines are nearly horizontal at y=0.00, with data points marked by black squares and error bars.