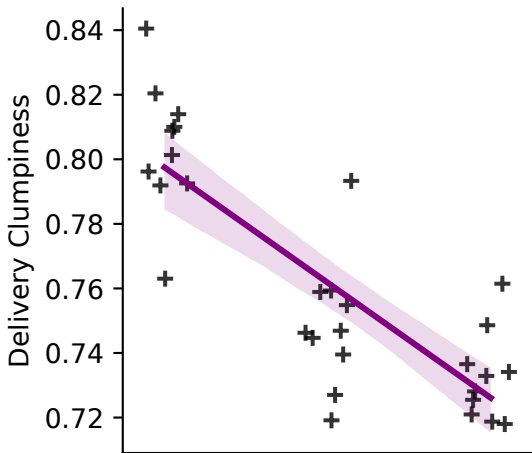
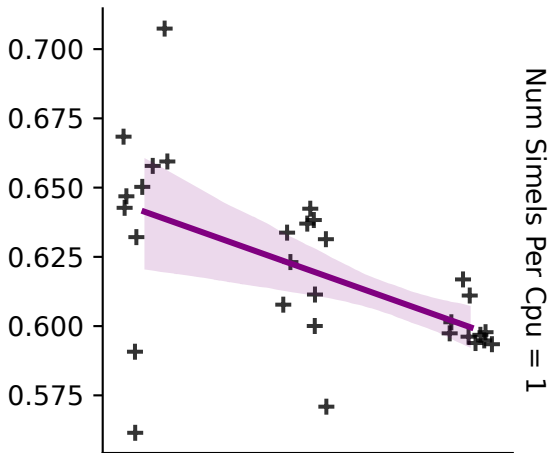


Ordinary Least Squares Regression

Cpus Per Node = 1



Cpus Per Node = 4



A scatter plot showing the relationship between Log Num Processes (X-axis) and Delivery Clumpiness (Y-axis). The X-axis ranges from 2 to 4, and the Y-axis ranges from 0.28 to 0.42. The data points are marked with '+' symbols. A solid purple line represents the linear regression, and a shaded purple area around it indicates the confidence interval. The regression line shows a negative correlation, indicating that as the number of processes increases, the delivery clumpiness decreases.

Log Num Processes	Delivery Clumpiness
2.0	0.37
2.0	0.39
2.0	0.42
2.1	0.34
2.1	0.36
2.1	0.38
2.1	0.40
2.1	0.42
2.2	0.31
2.9	0.28
2.9	0.32
2.9	0.34
2.9	0.38
2.9	0.41
3.0	0.30
3.0	0.32
3.0	0.34
3.0	0.35
3.9	0.29
3.9	0.32
4.0	0.32
4.0	0.33
4.0	0.34
4.1	0.31
4.1	0.32
4.1	0.33
4.1	0.34

A scatter plot showing the relationship between the logarithm of the number of processes (Log Num Processes) and the number of simulations per CPU (Num Sims Per Cpu = 2048). The x-axis ranges from 2 to 4, and the y-axis ranges from 0.15 to 0.40. The data points are represented by black plus signs. A solid purple line represents the fitted model, and a light purple shaded area around it indicates the confidence interval. The plot shows a positive correlation between the two variables.