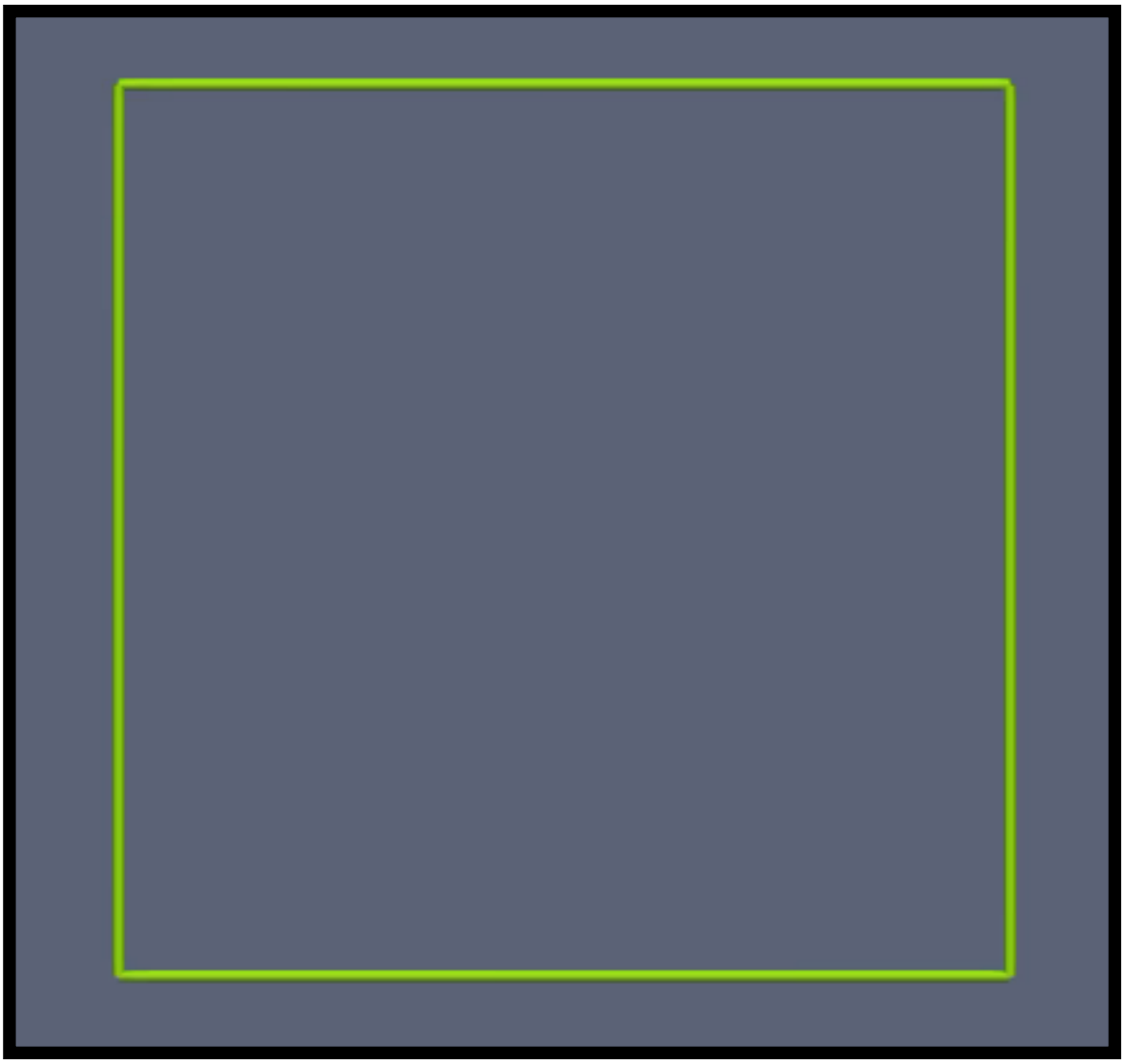
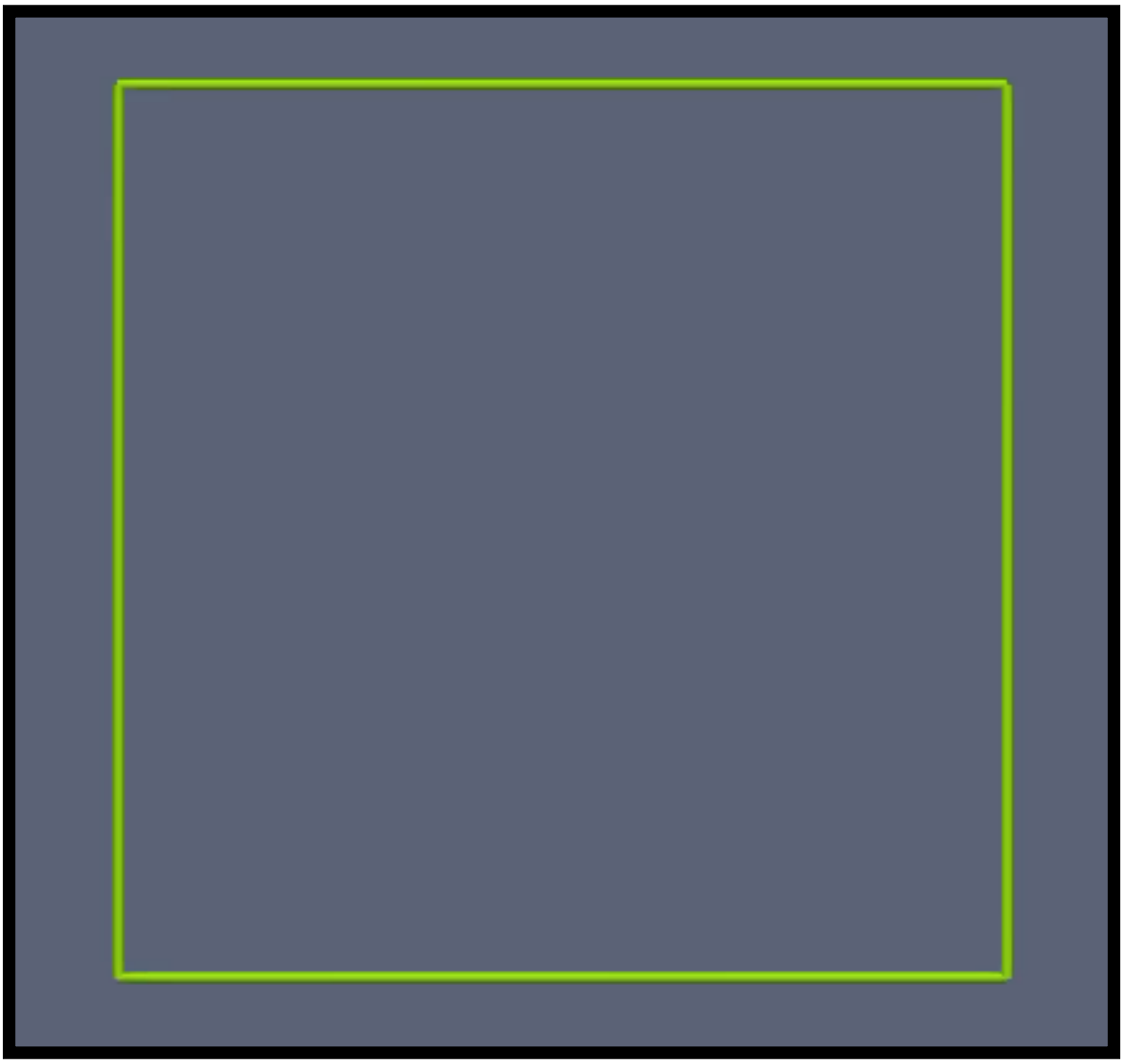


Square Domain Shape Simulation Results

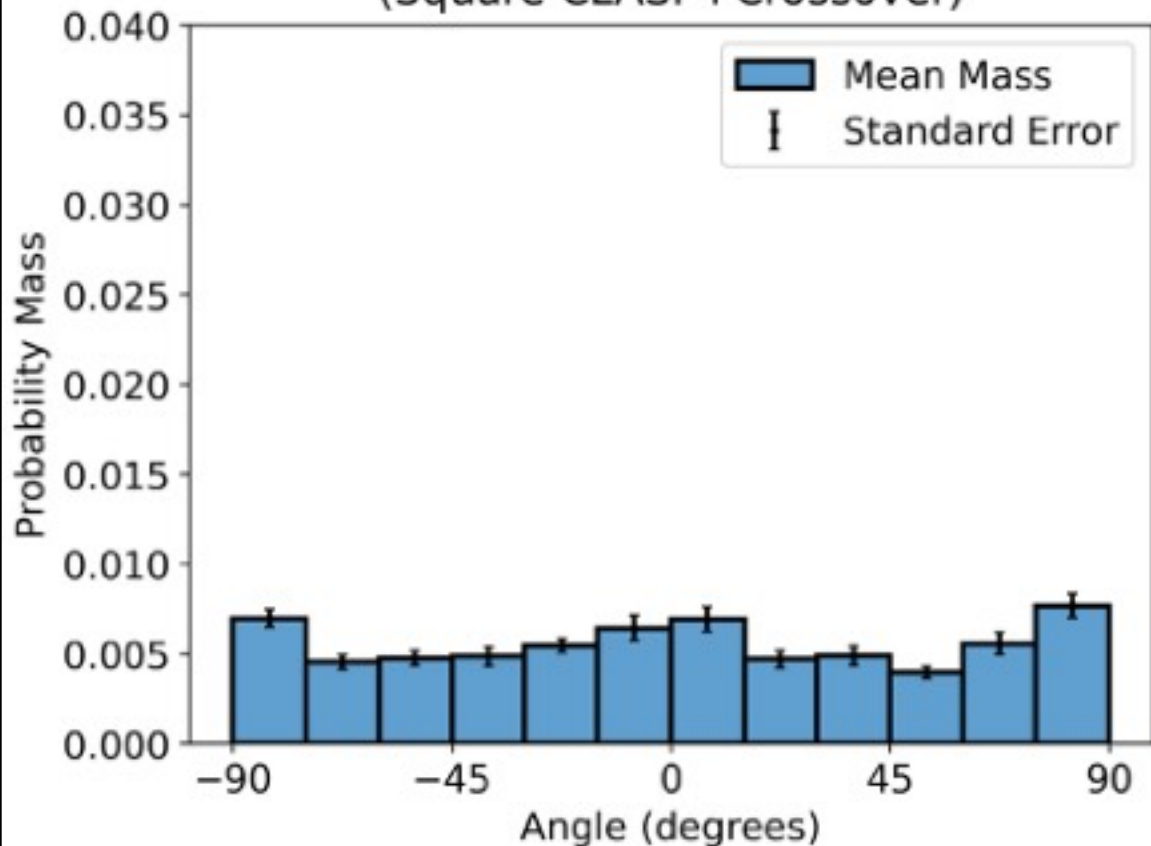
CrossOver, and CLASP Mediated Boundary

53





Mean Histogram with Standard Error, N=16
(Square CLASP+Crossover)



Samples of Estimated Probability Density Functions
for Square CLASP 30 degree

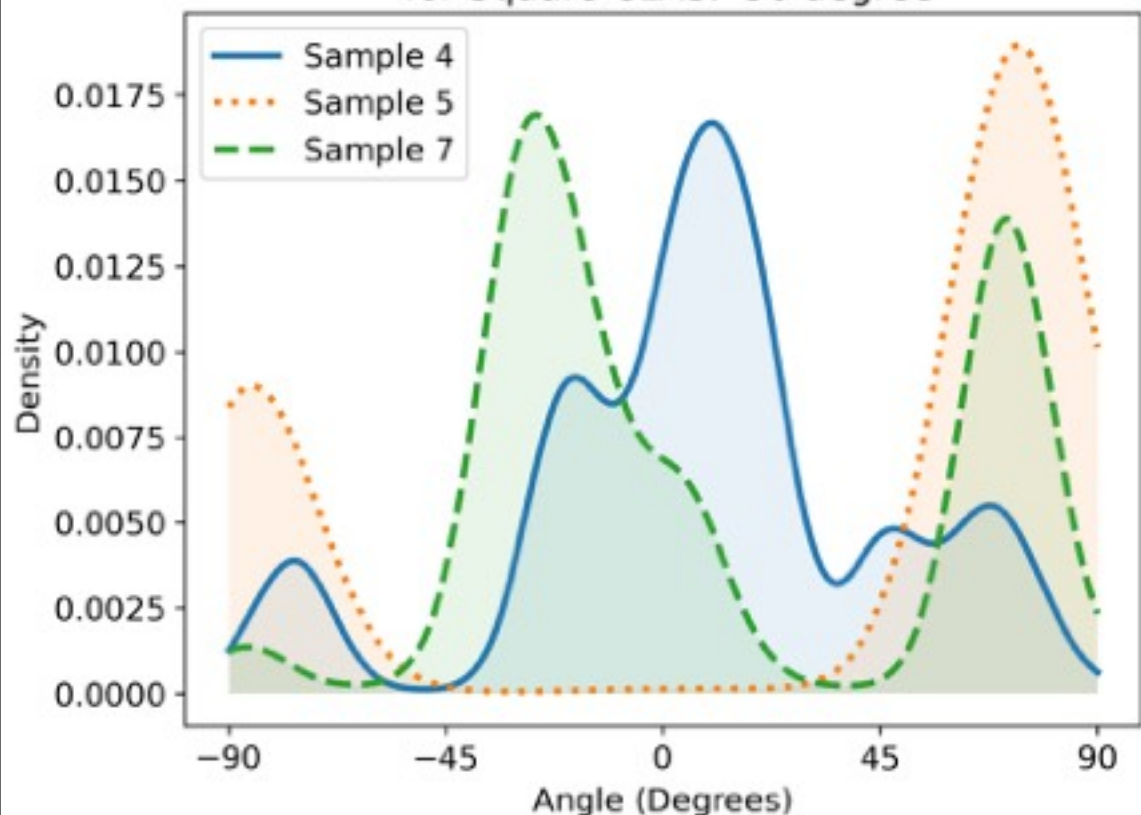


Figure 48: Histogram
estimating the mass function
for the crossover experiment,
which is relatively flat with
small error bars.

Figure 47: Sample of a network used to compute the orientation histogram, with long-time behavior of network-like behavior.

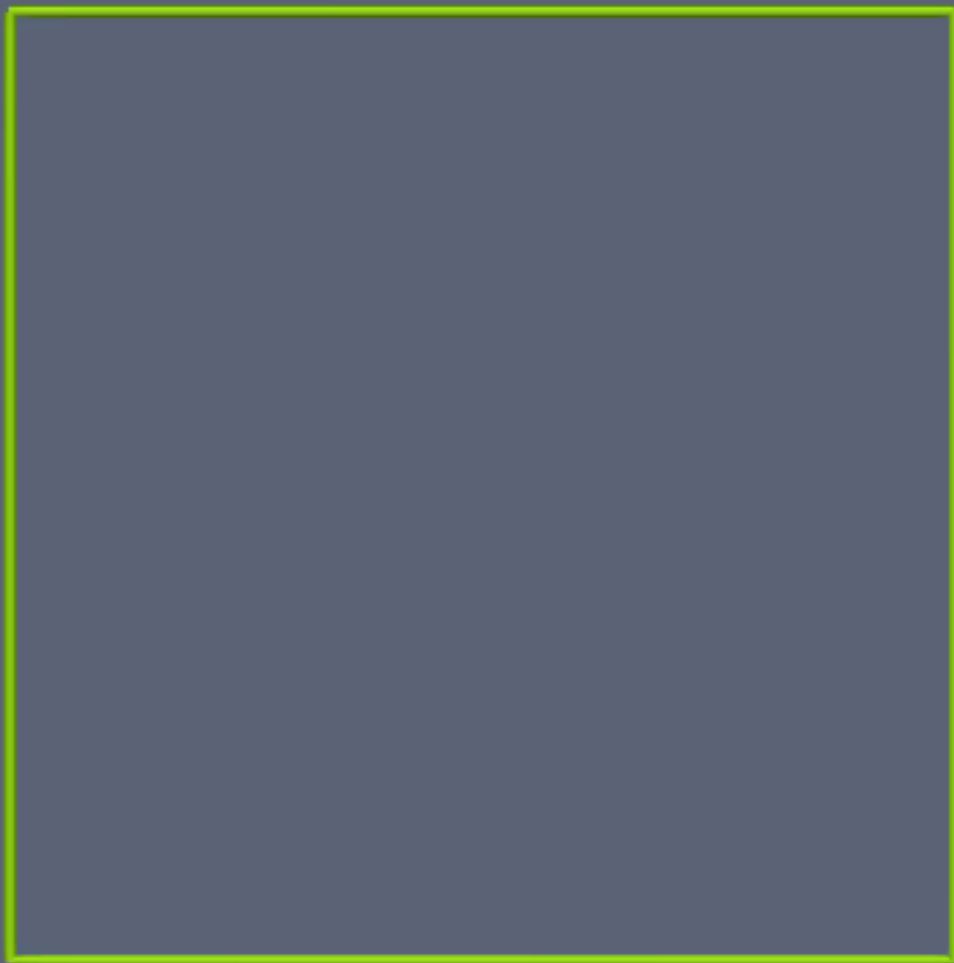
Figure 49: Sample 7 from the
CLASP 30 experiment.

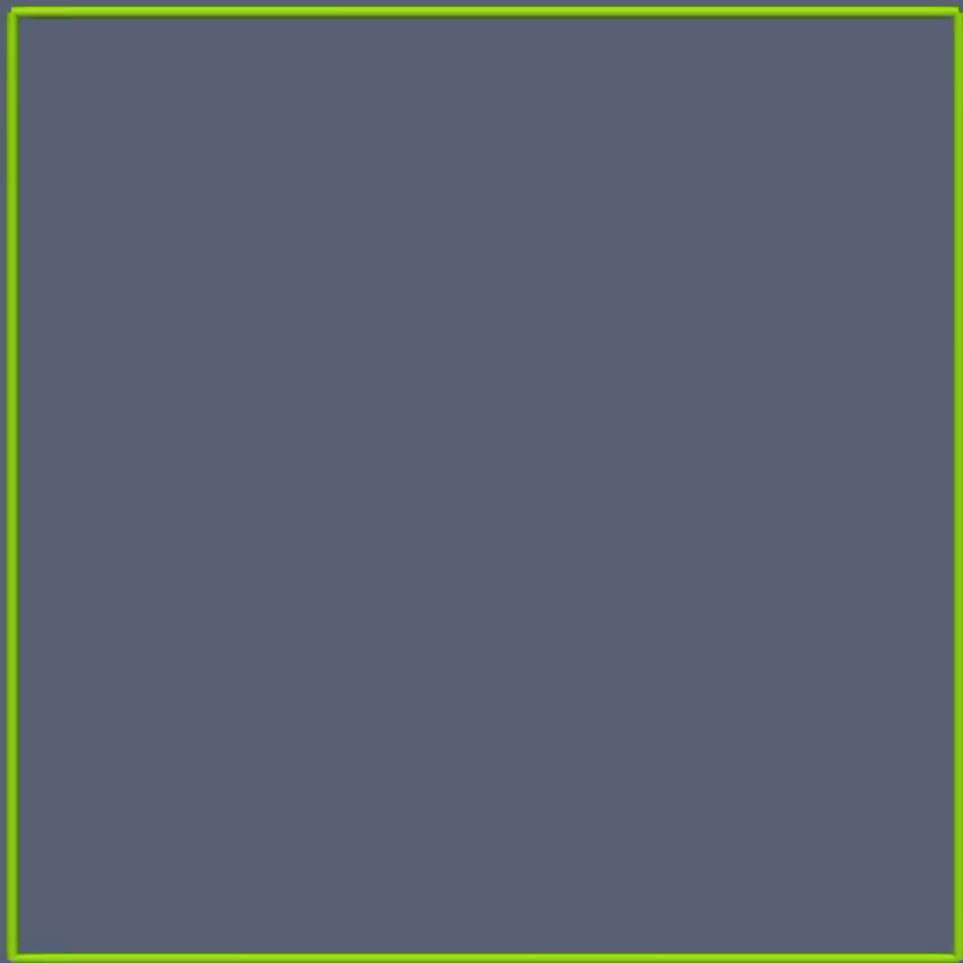
Figure 50: Kernel density estimation for three samples of the square CLASP 30 experiment. Different modes of orientation exist.













Square Domain Shape Simulation Results

Crossover, and CLASP Mediated Boundary

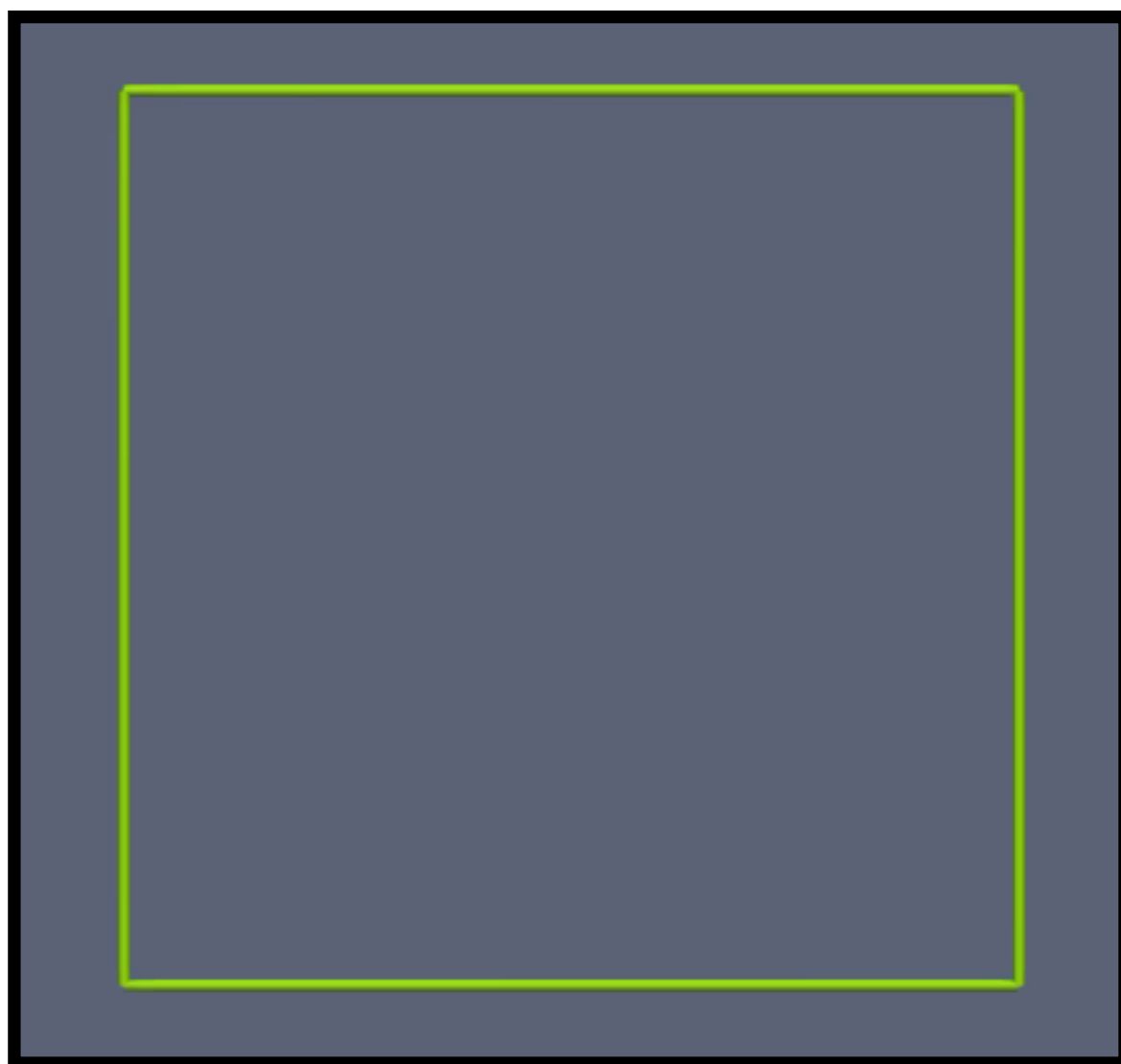


Figure 47: Sample of a network used to compute the orientation histogram, with long-time behavior of network-like behavior.

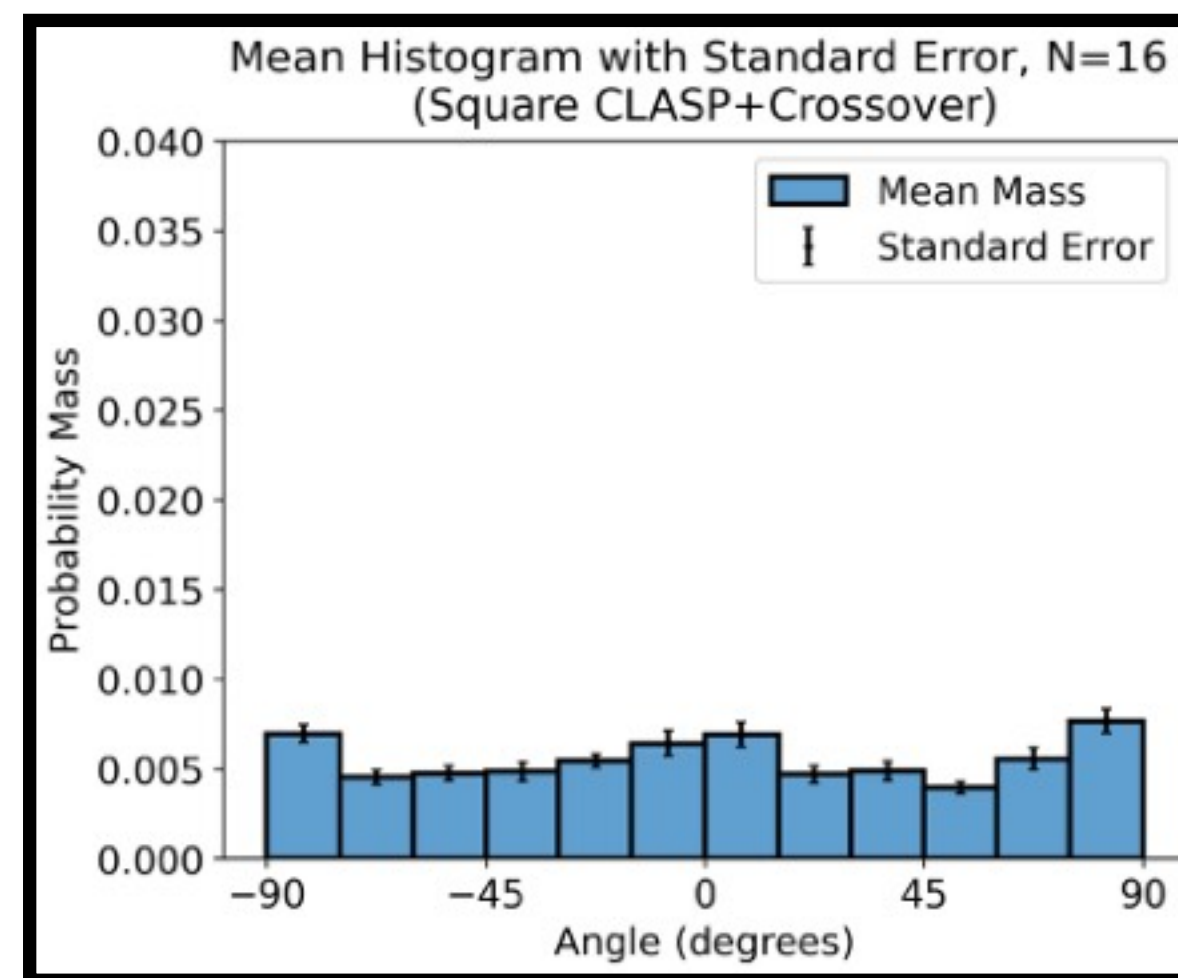


Figure 48: Histogram estimating the mass function for the crossover experiment, which is relatively flat with small error bars.

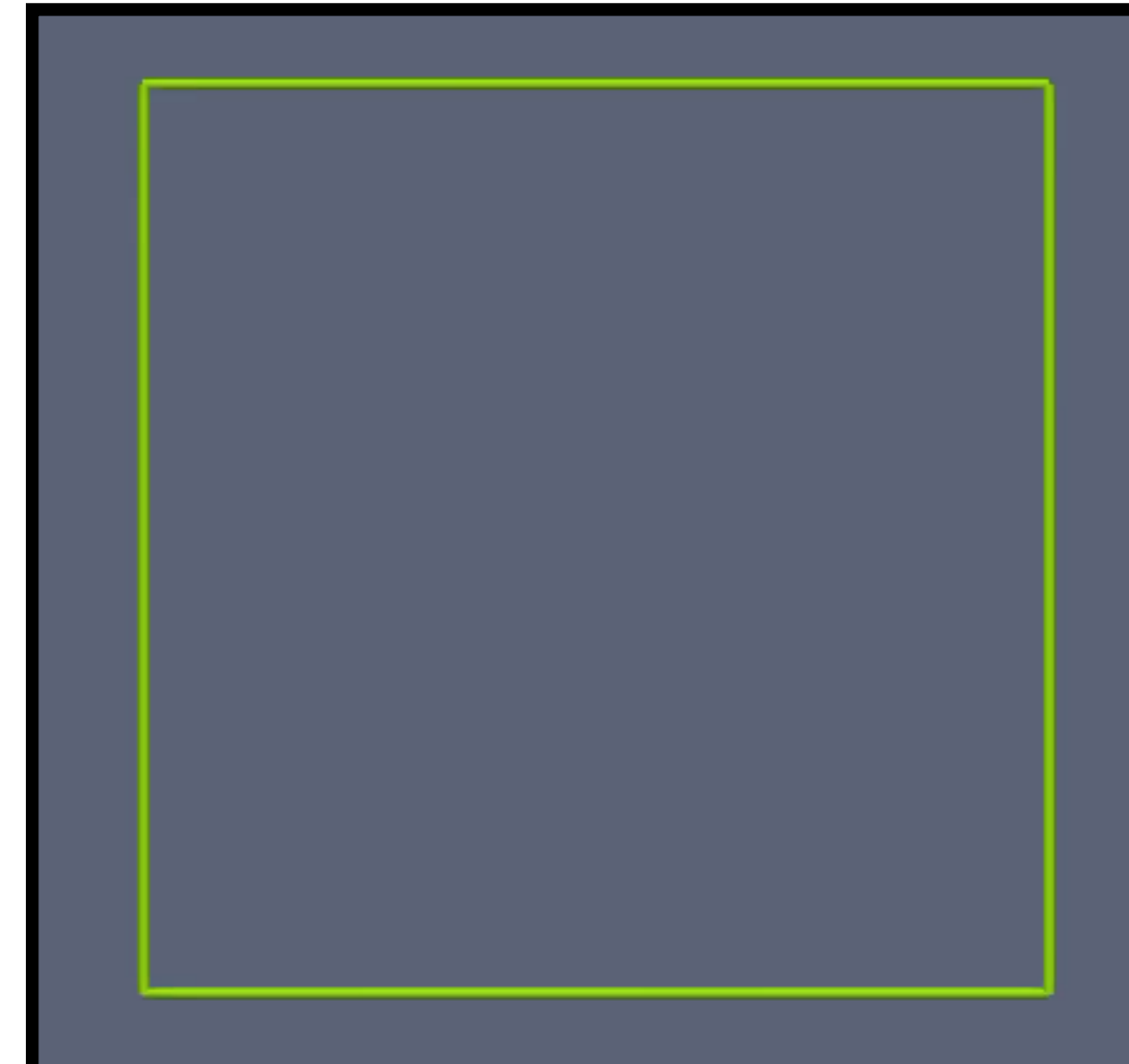


Figure 49: Sample 7 from the CLASP 30 experiment.

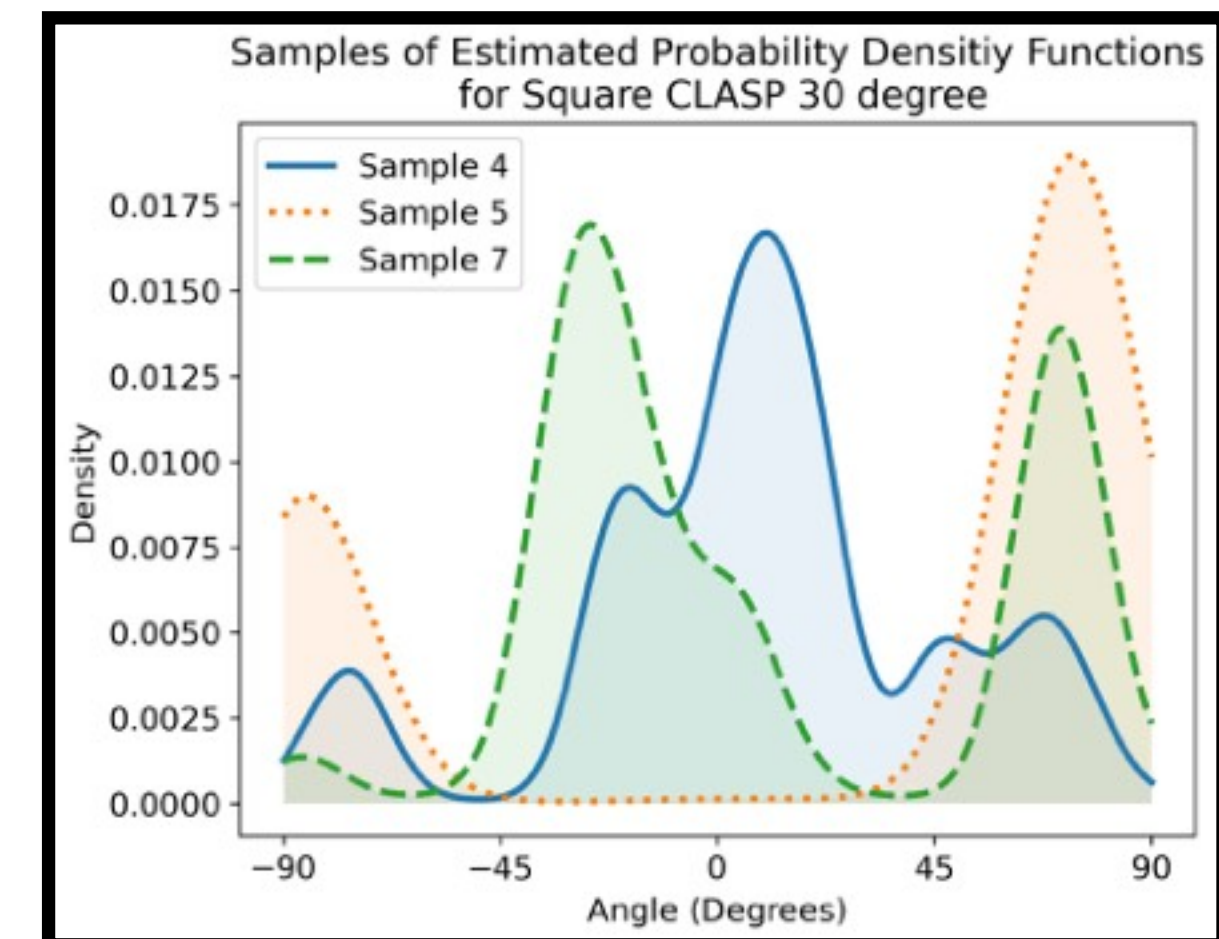


Figure 50: Kernel density estimation for three samples of the square CLASP 30 experiment. Different modes of orientation exist.

Rectangular Domain Shape Simulation Results

Local and Global Correlations

- Key results:
 - Crossover is uncorrelated locally and globally.
 - All other experiments indicate high correlation locally.
 - CIC boundary and influx have reasonably high global correlation, but different orientations.
 - CLASP 30, 45, and 60 have lower global correlation and mixtures of orientations.

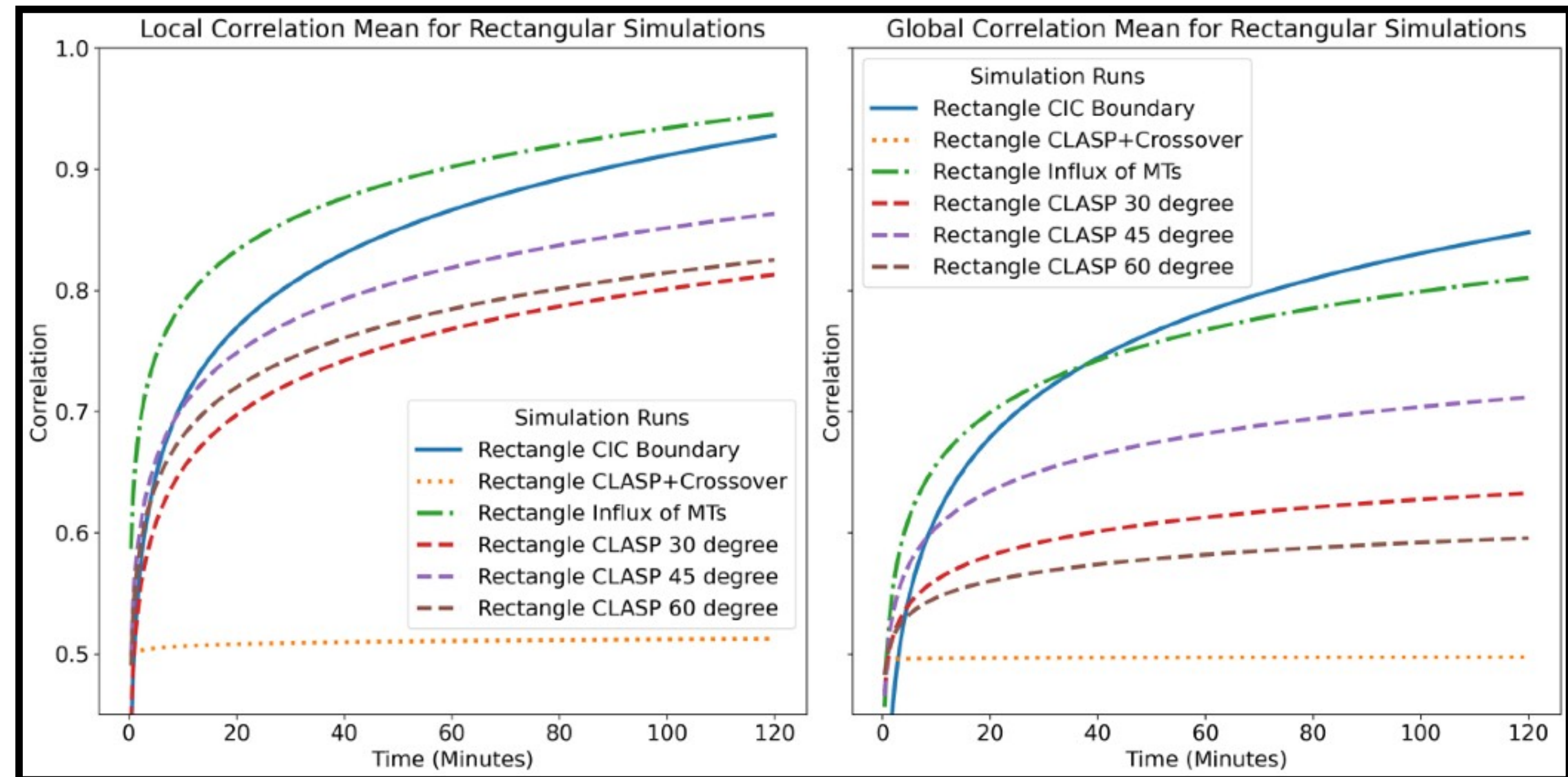


Figure 51: The plot contains the a best-fit logarithmic curves for the 120 minute range of interest fitted to the local and global mean correlation over time for each of the rectangular simulation experiments.