

Rectangular Domain Shape Simulation Results

Array in rect array with different boundary condition





Mean Histogram with Standard Error, N=16
(Rectangle CIC Boundary)

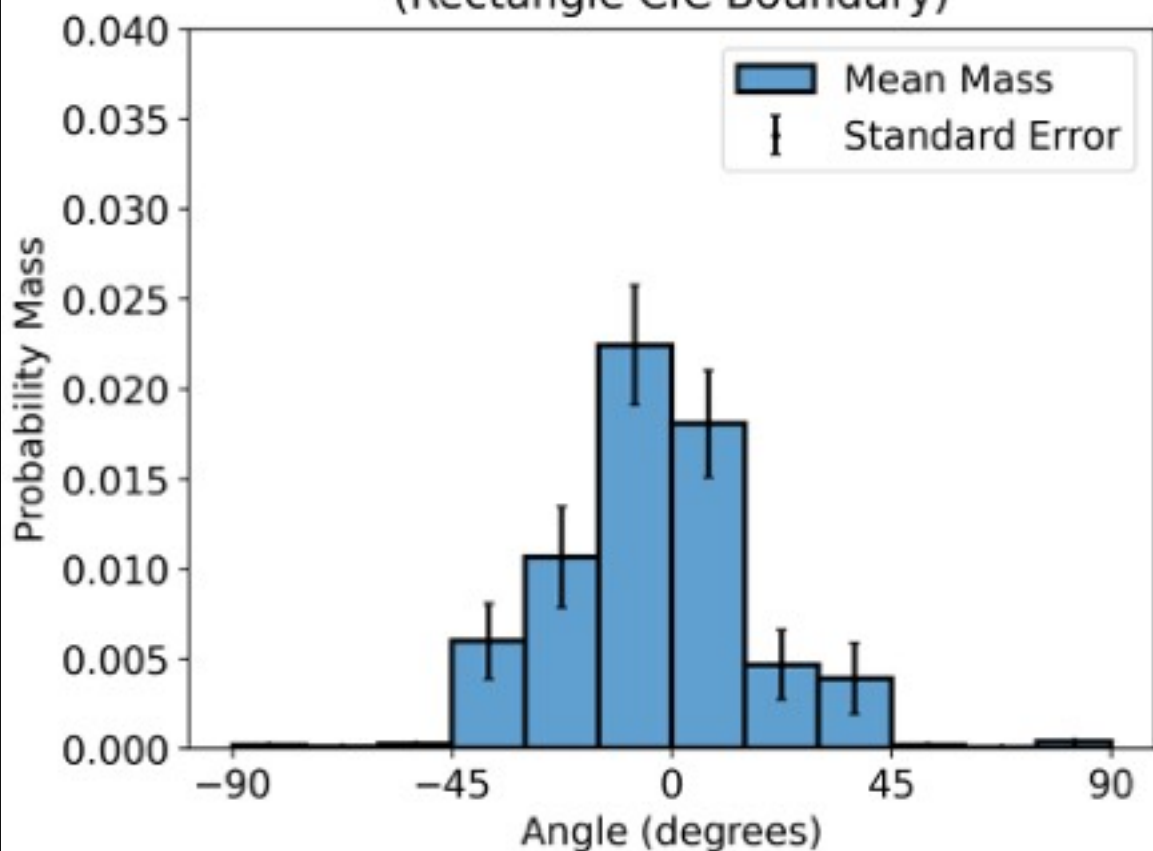


Figure 53: Histogram
estimating the mass function
for the CLC boundary, with
angles biases towards the
long axis.

Figure 52: Sample of a network used to compute the orientation histogram, with alignment biased towards the long horizontal axis.

Figure 54: Sample of a network used to compute the orientation histogram, with alignment biased towards the short vertical axis.



Mean Histogram with Standard Error, N=16
(Rectangle Influx of MTs)

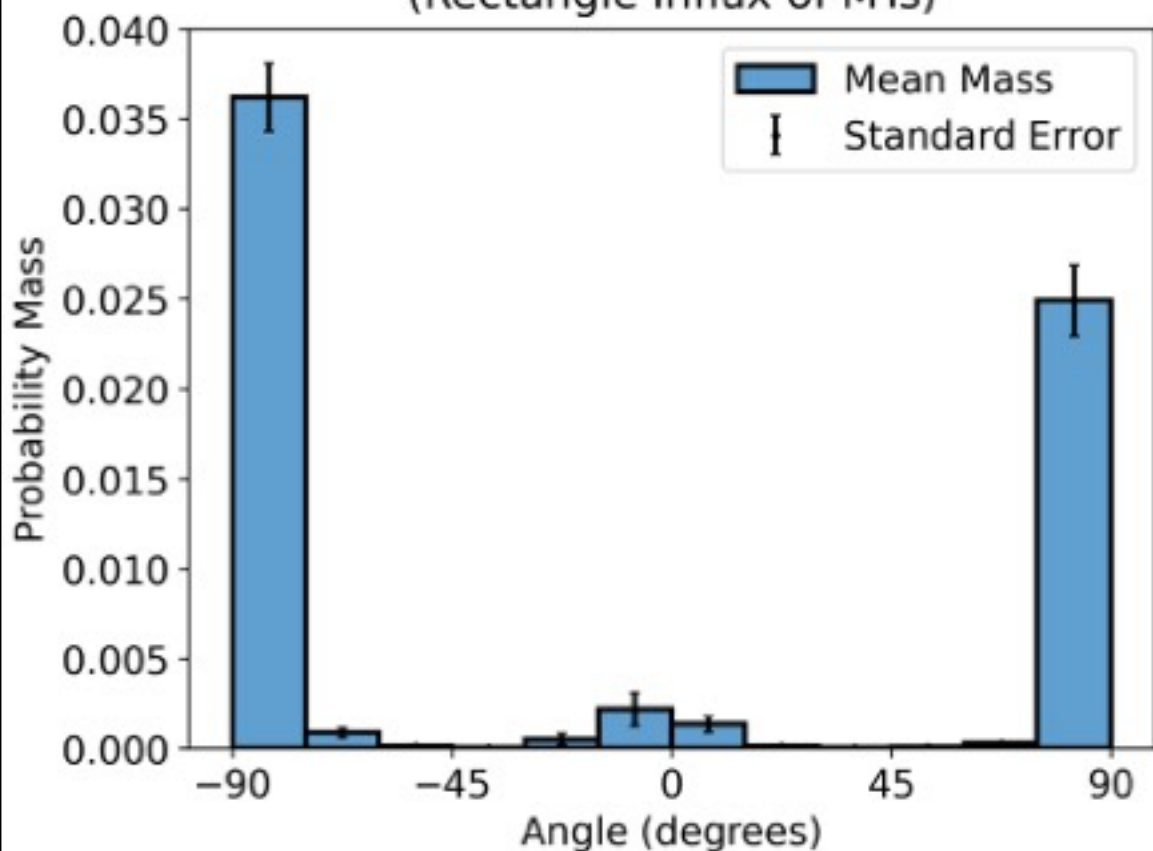
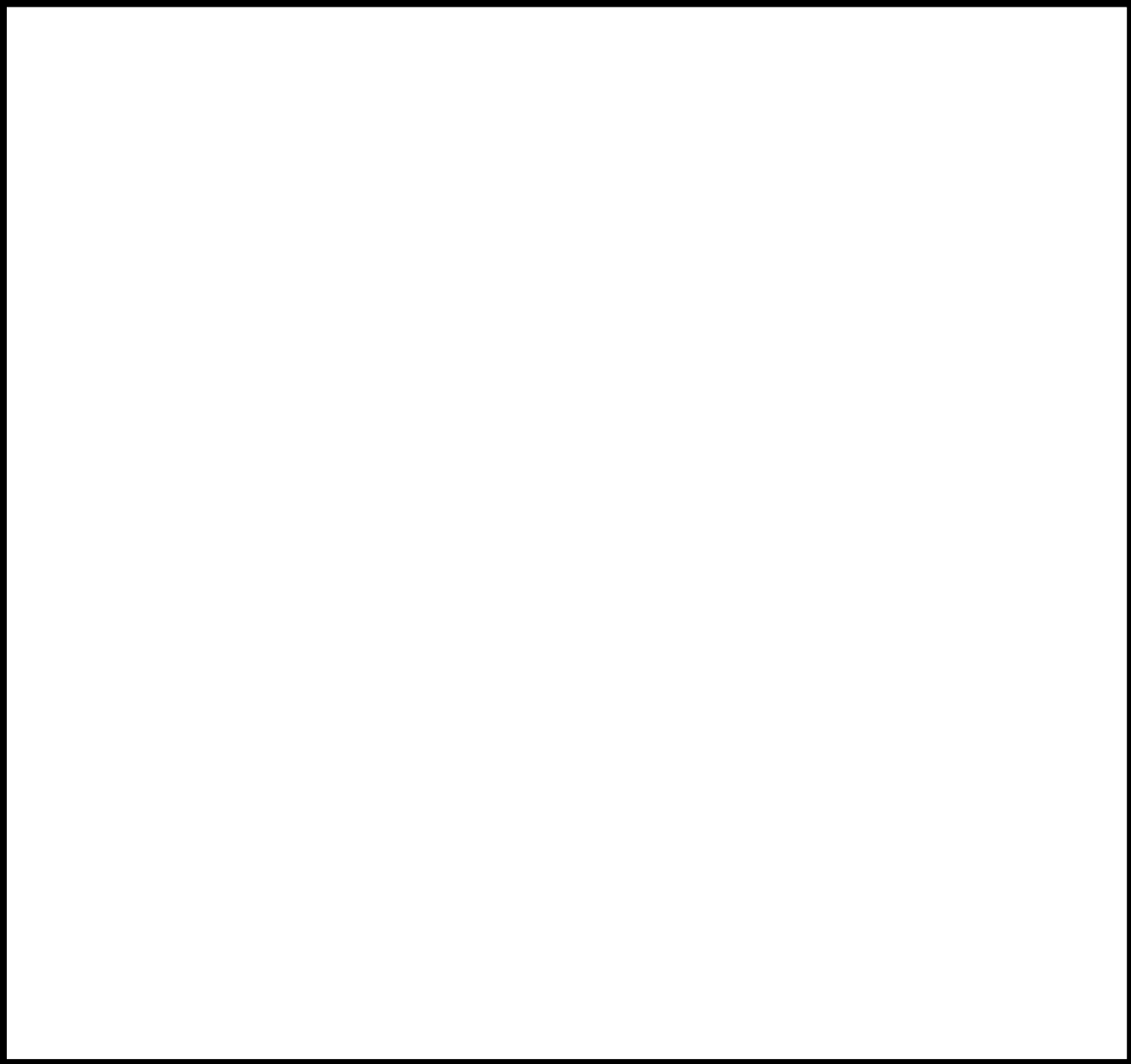


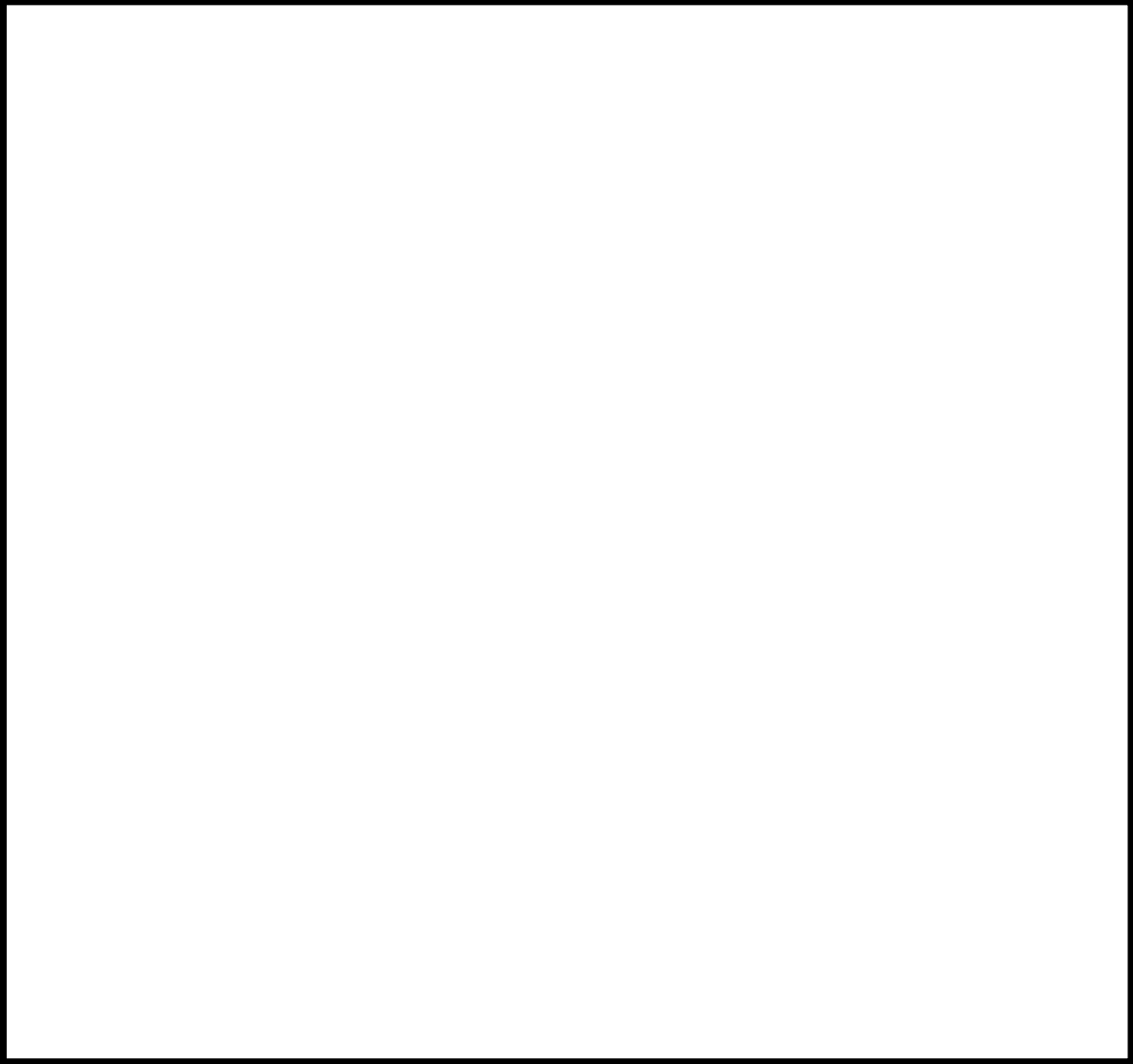
Figure 55: Histogram
estimating the mass function
for the influx boundary, with
angles biases towards the
short axis.











Rectangular Domain Shape Simulation Results

Arrays in rectangular domains may reorient with different boundary conditions.

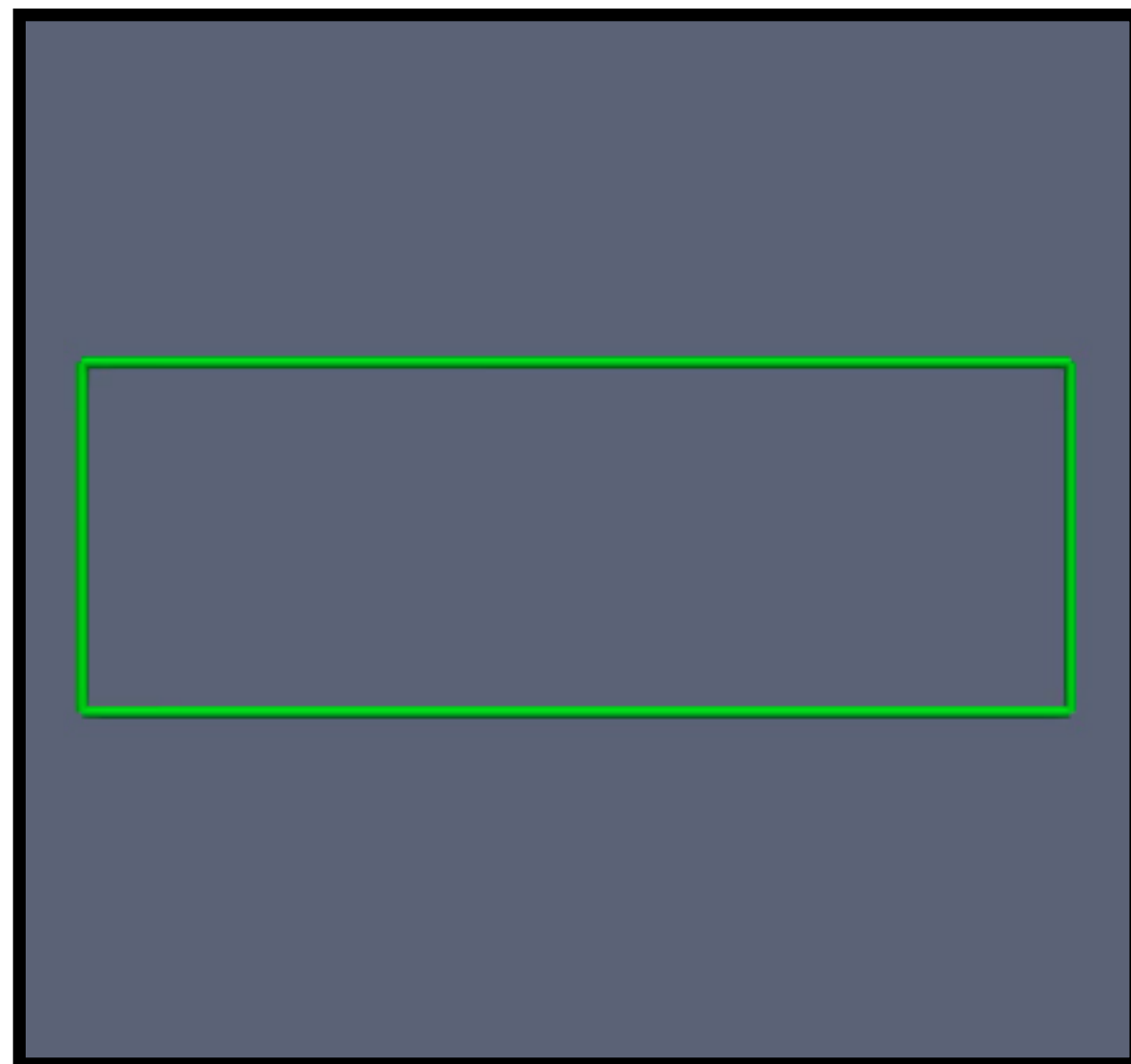


Figure 52: Sample of a network used to compute the orientation histogram, with alignment biased towards the long horizontal axis.

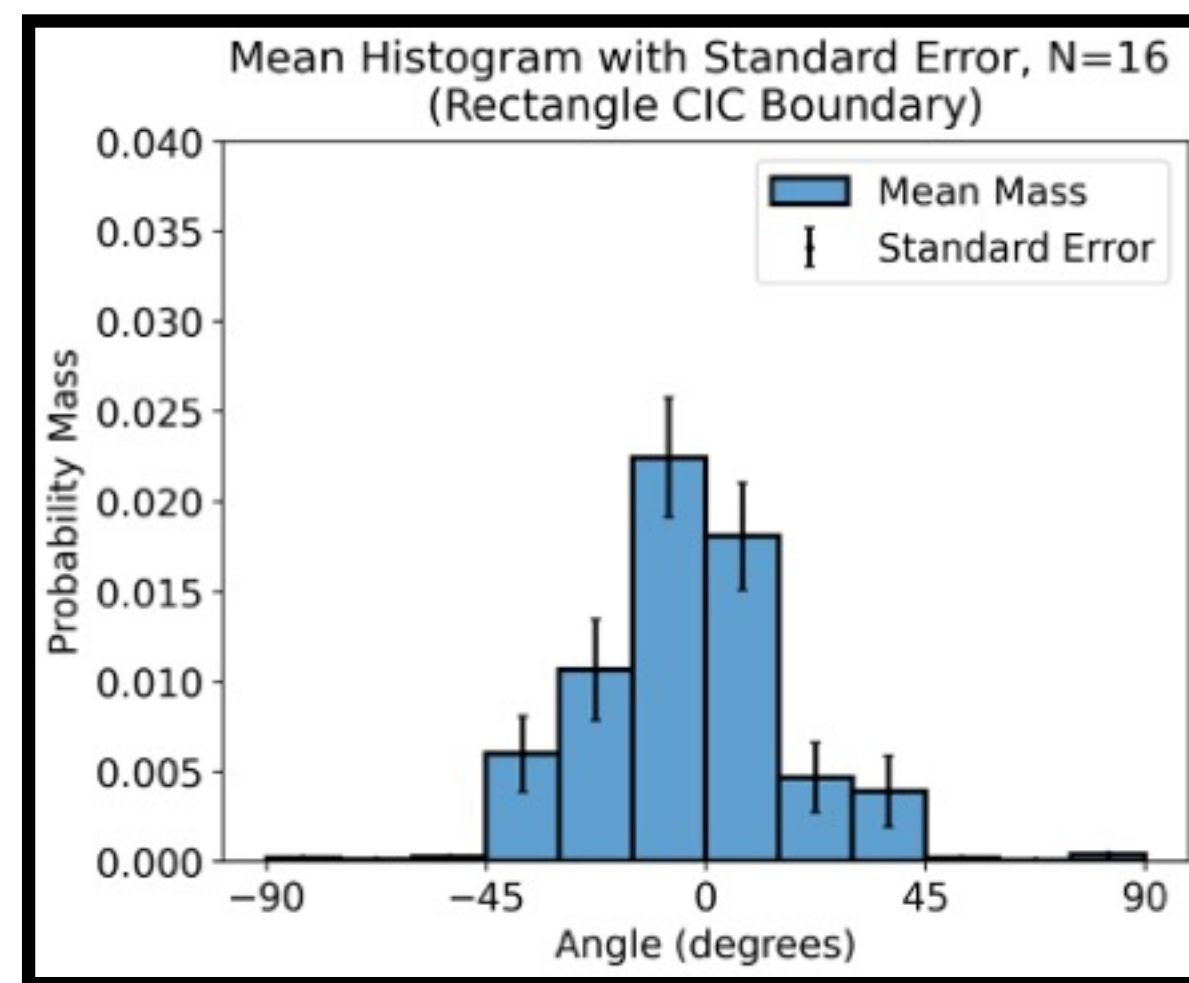


Figure 53: Histogram estimating the mass function for the CIC boundary, with angles biased towards the long axis.

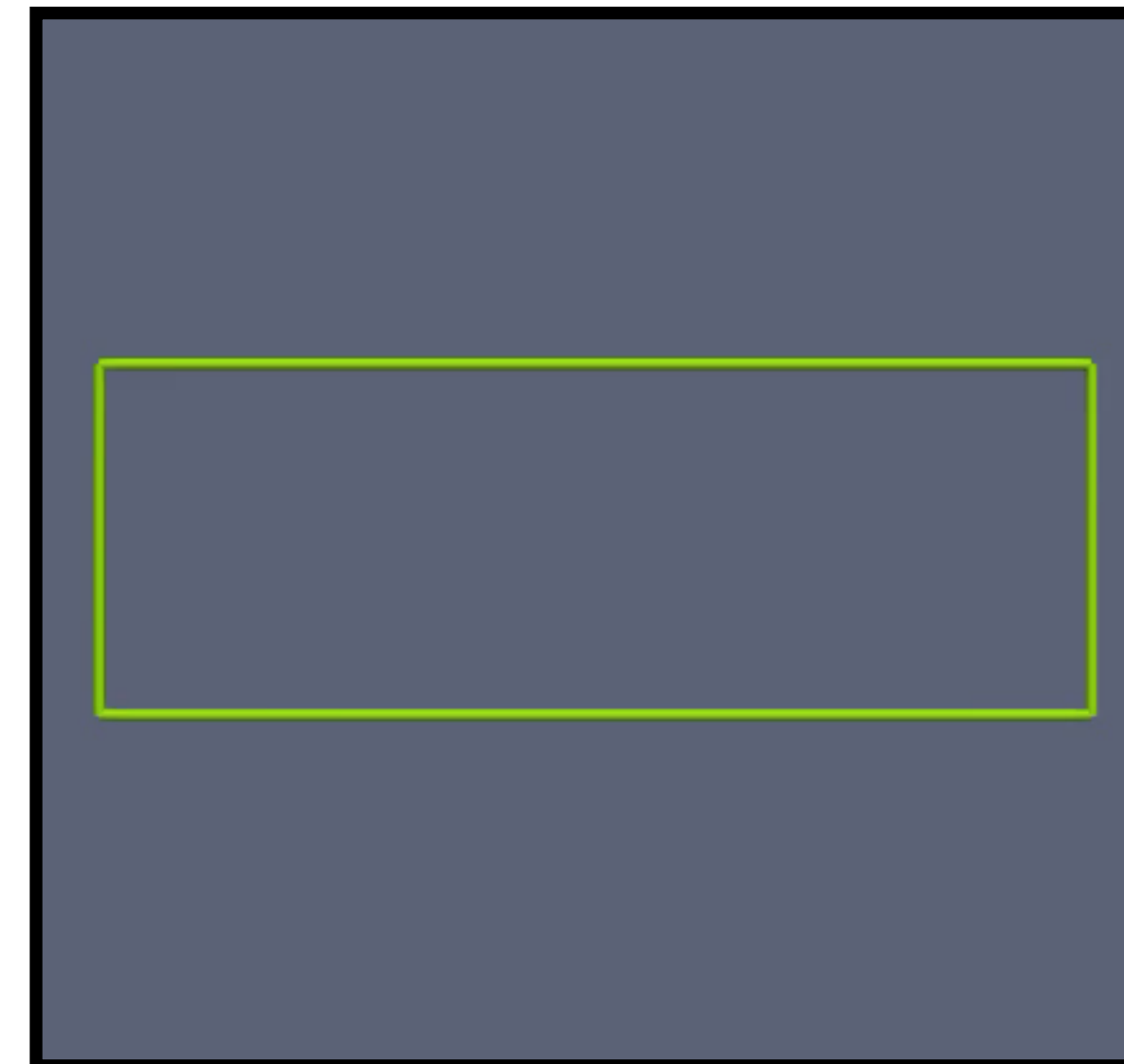


Figure 54: Sample of a network used to compute the orientation histogram, with alignment biased towards the short vertical axis.

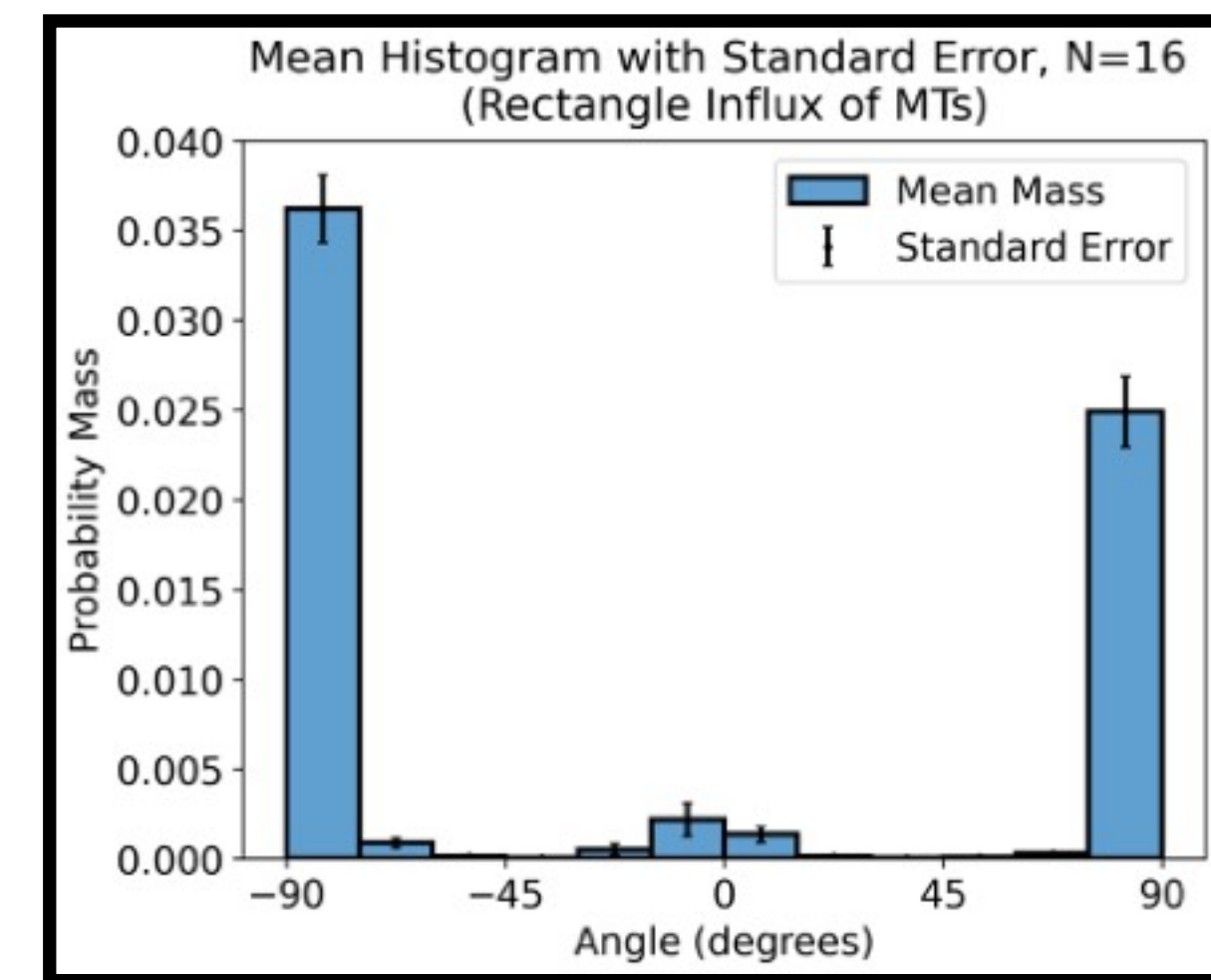


Figure 55: Histogram estimating the mass function for the influx boundary, with angles biased towards the short axis.

Rectangular Domain Shape Simulation Results

MT Crossover leads to low correlation and CLASP mediated boundary crossover leads to mixed orientations.

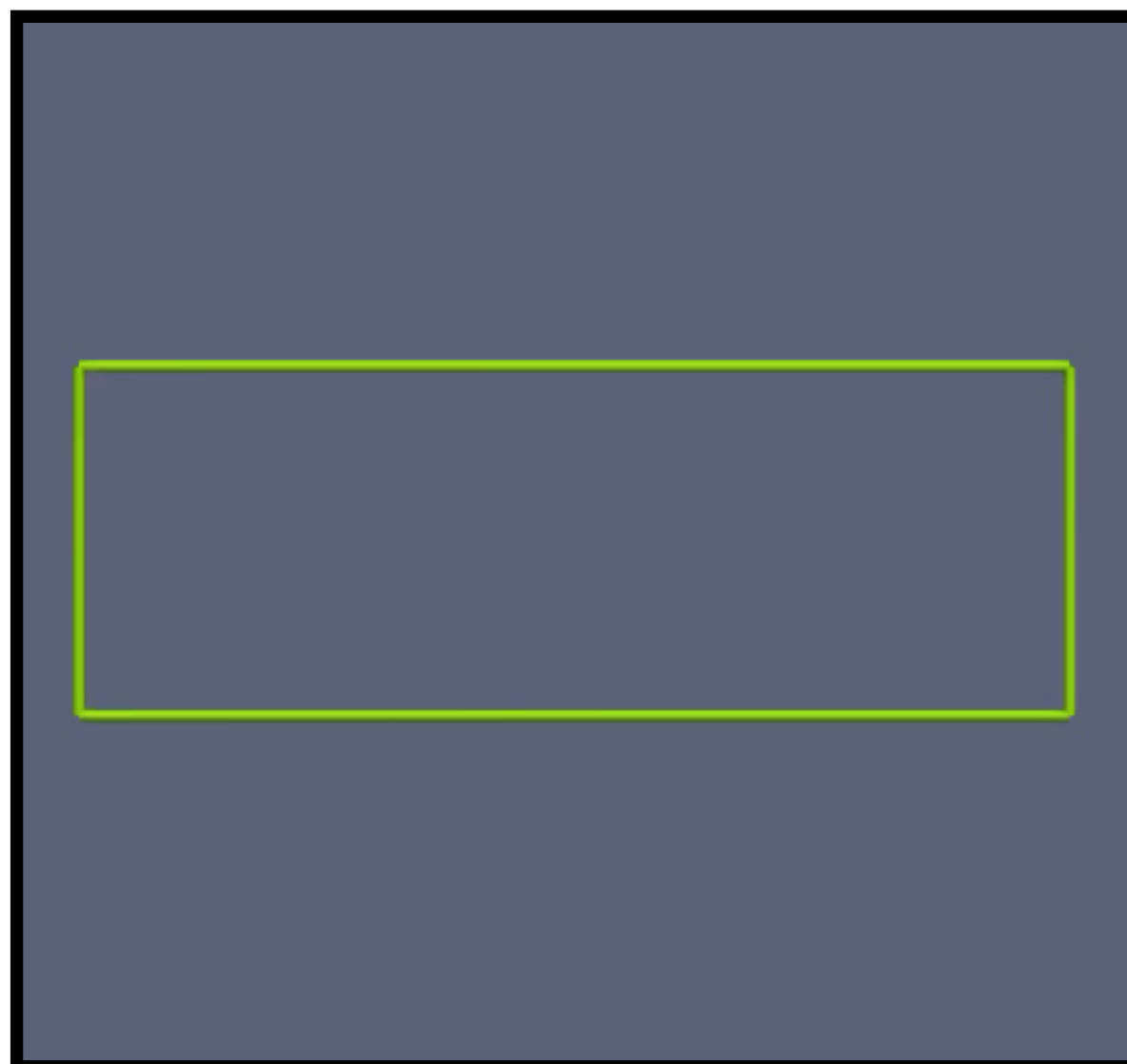


Figure 56: Sample of a network used to compute the orientation histogram, with long-time network like behavior.

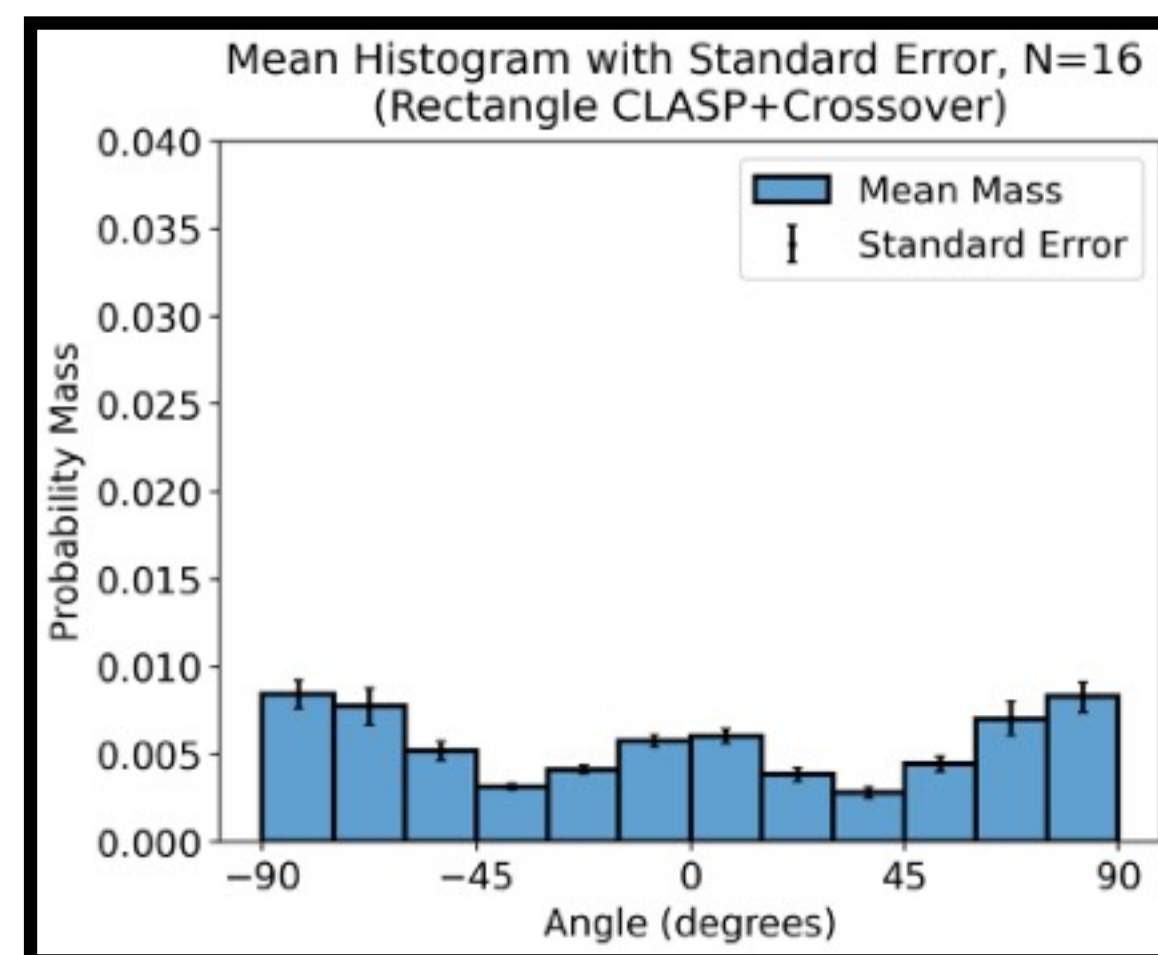


Figure 57: Histogram estimating the mass function for the crossover, with angles biased towards the long axis.

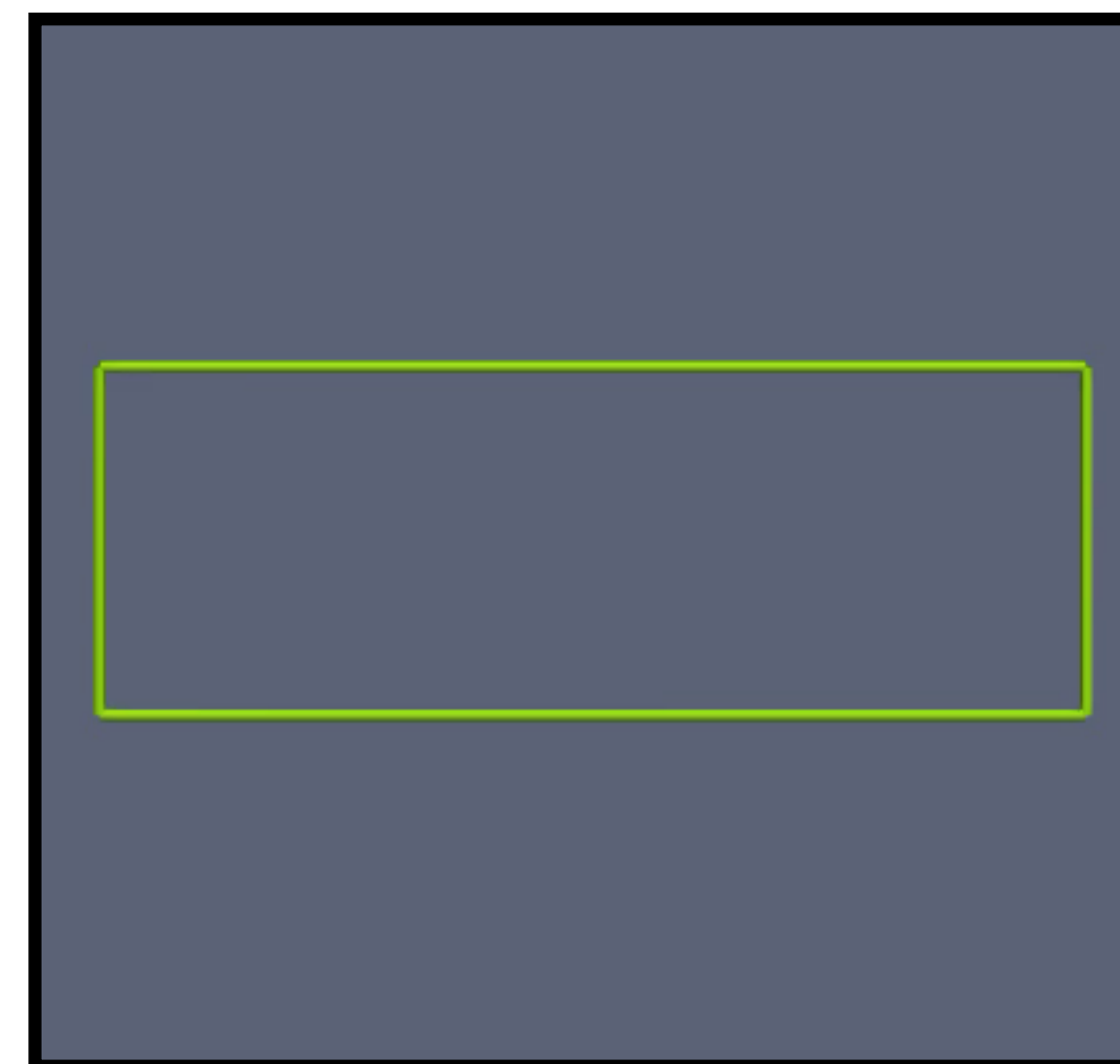


Figure 58: Sample 3 from the CLASP 60 experiment with a mixture of alignments.

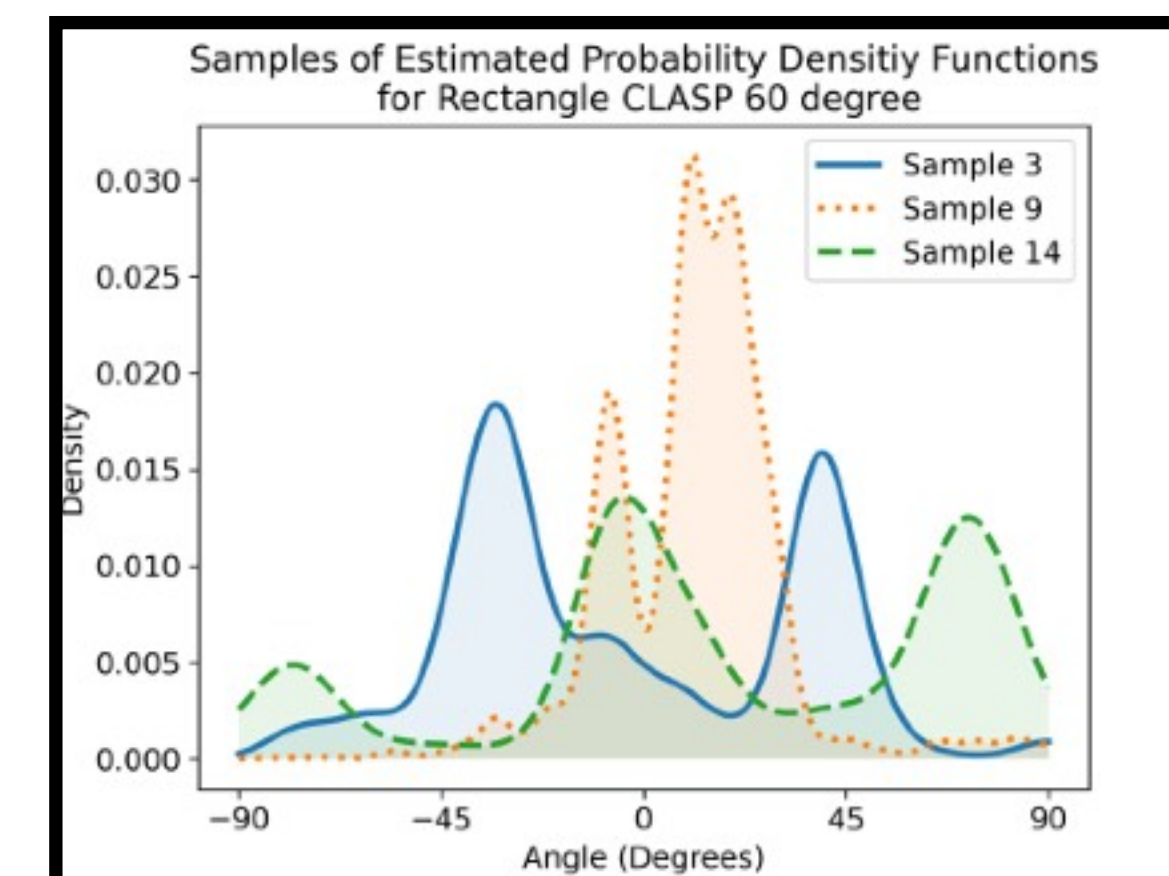


Figure 59: Kernel density estimation for three samples of the rectangle CLASP 60 experiment. Different modes of orientation exist.