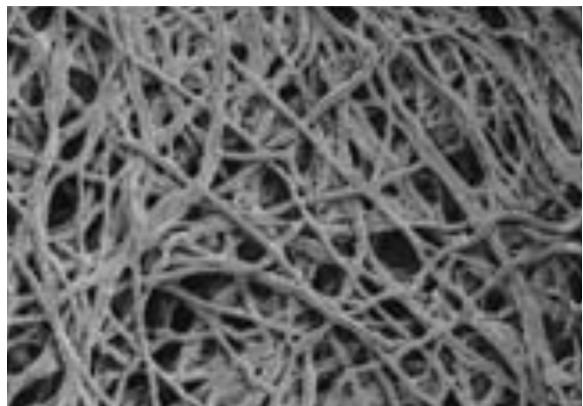
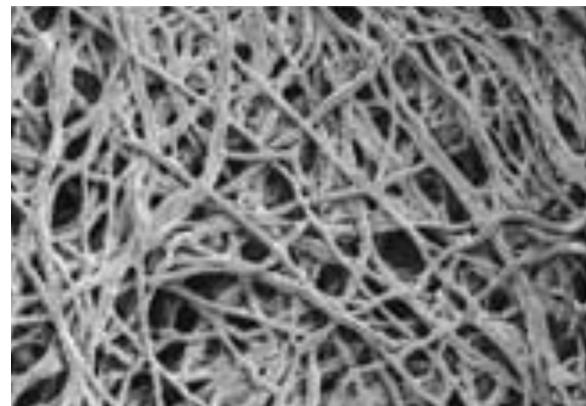


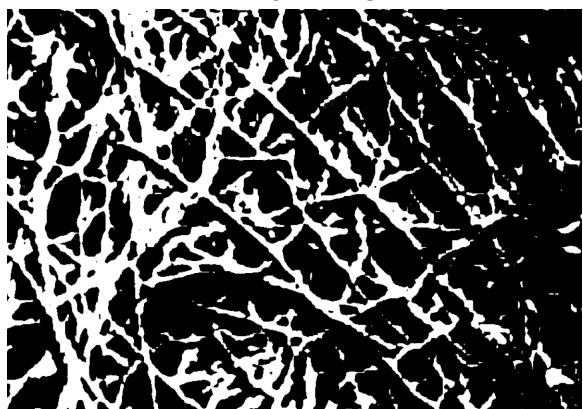
Original Image



Processed Image



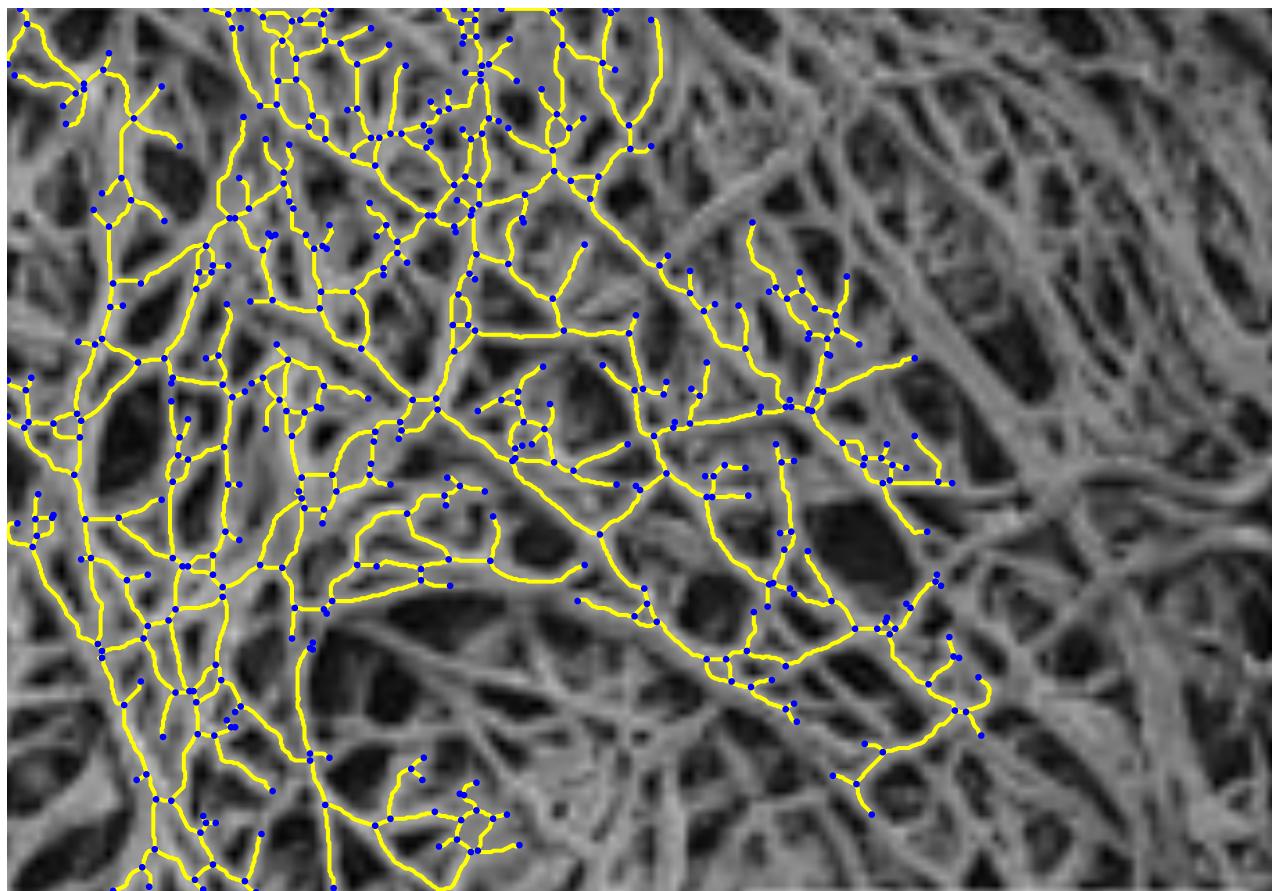
Binary Image



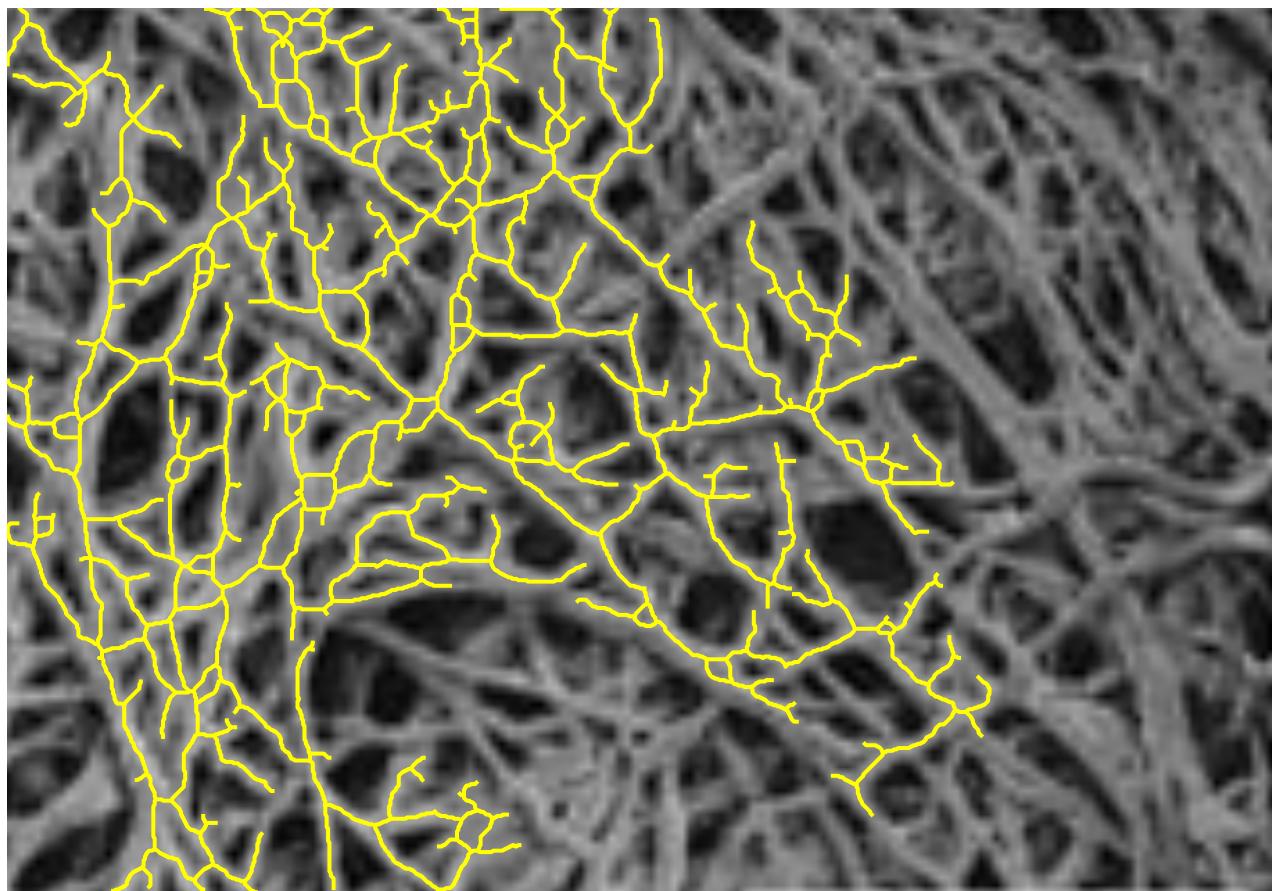
Histogram of Processed Image



Graph Node Plot

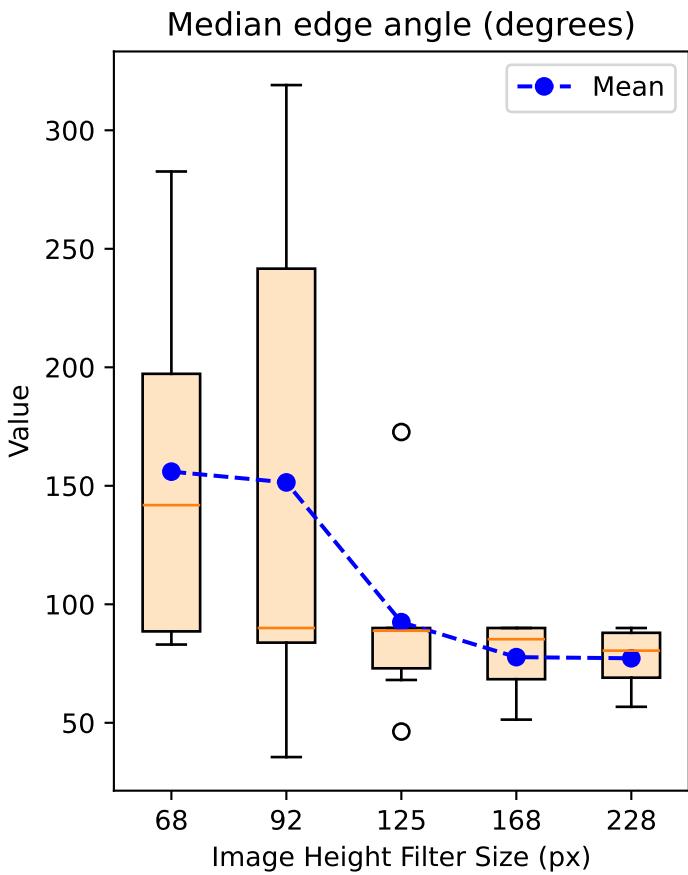
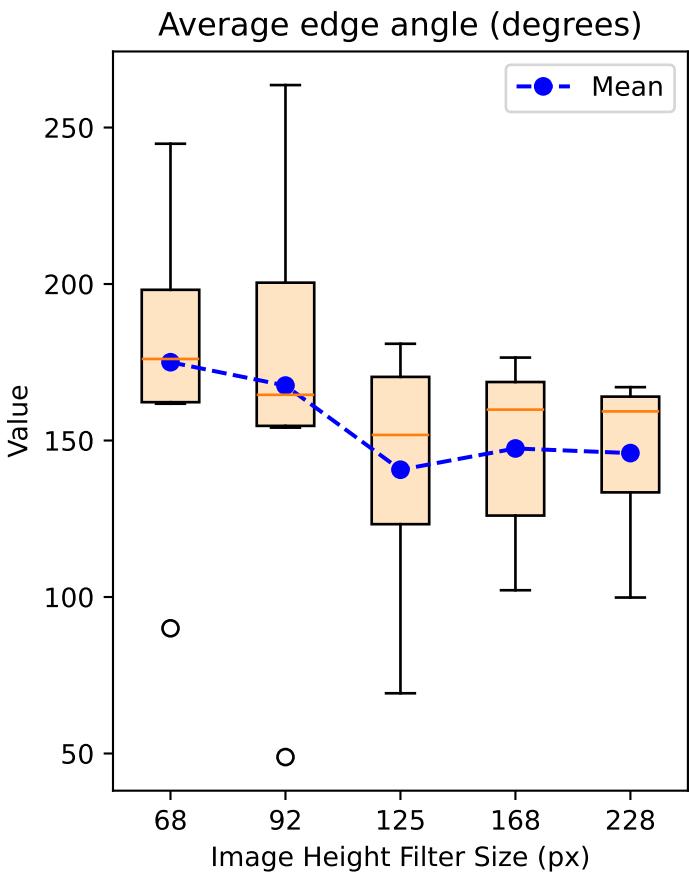
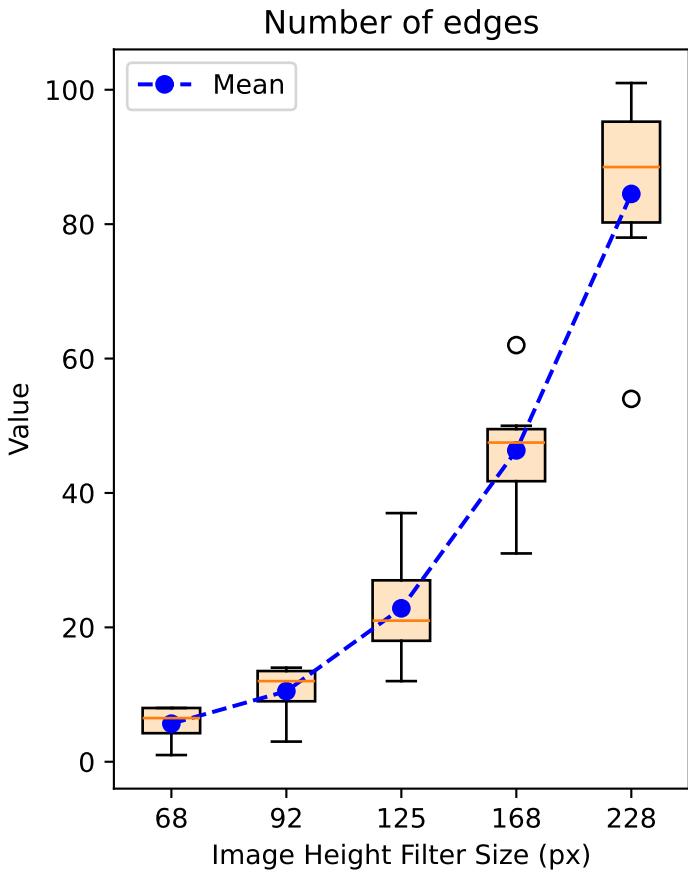
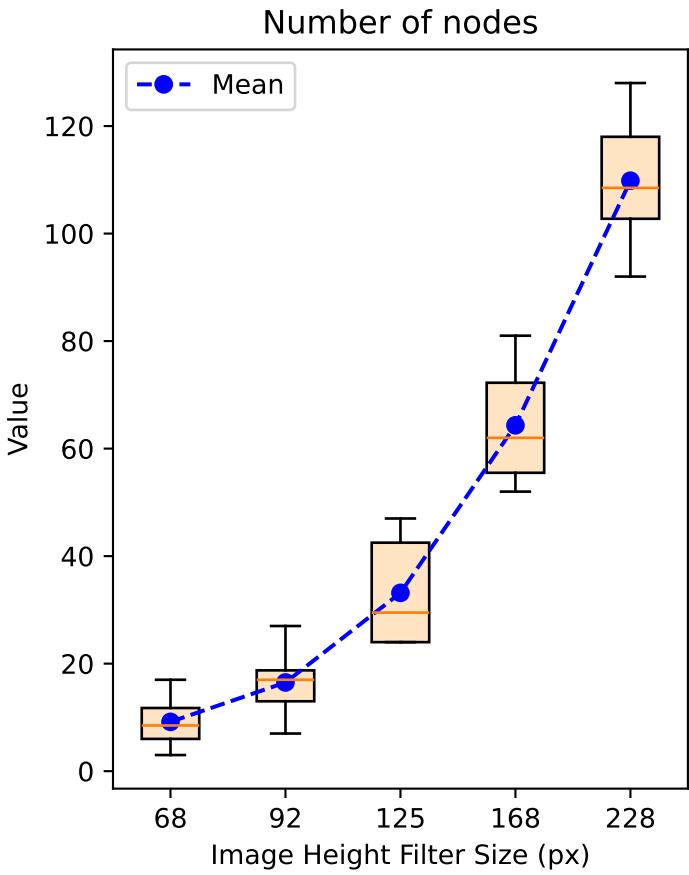


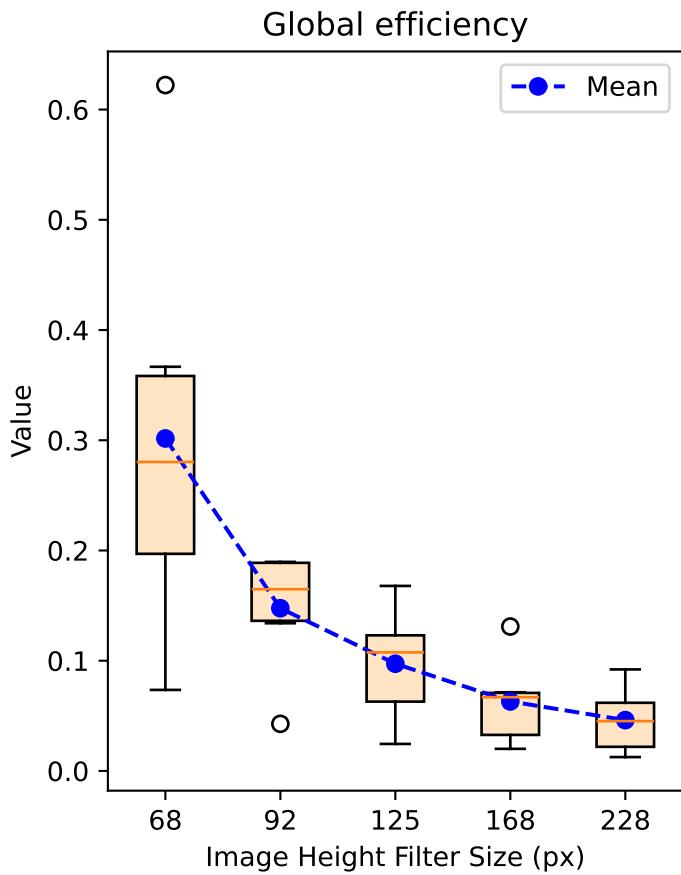
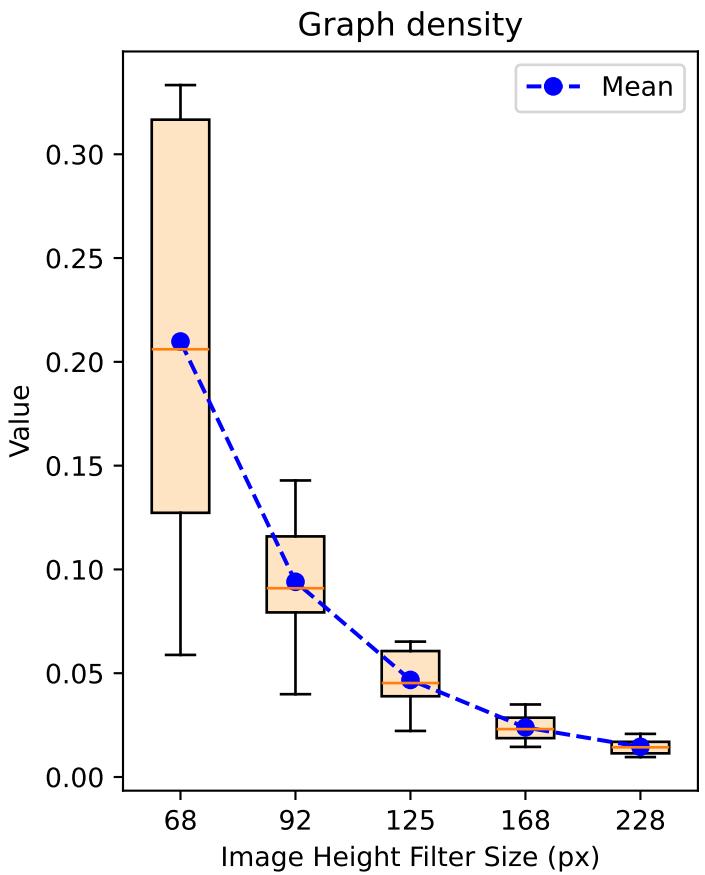
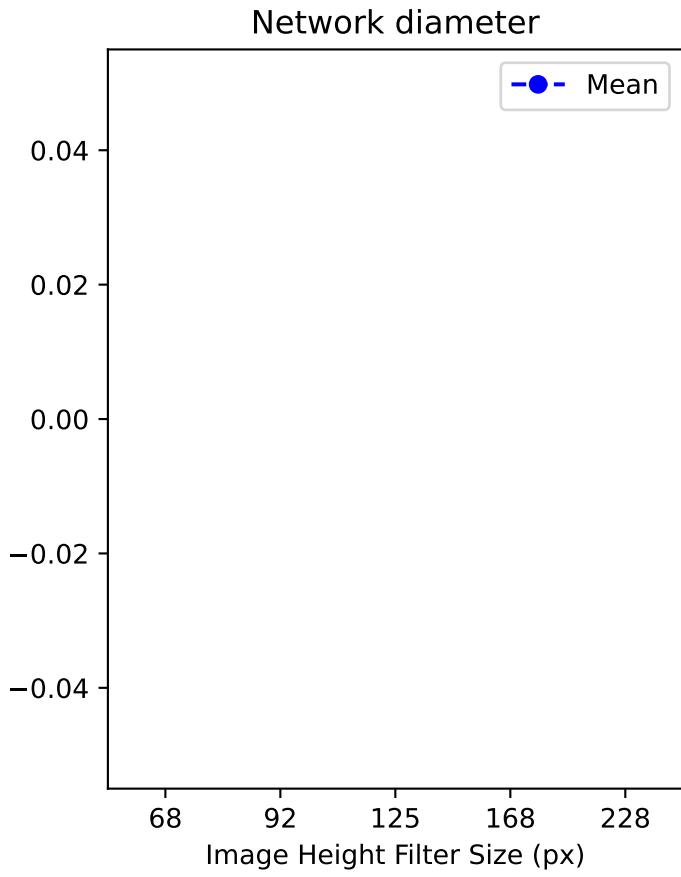
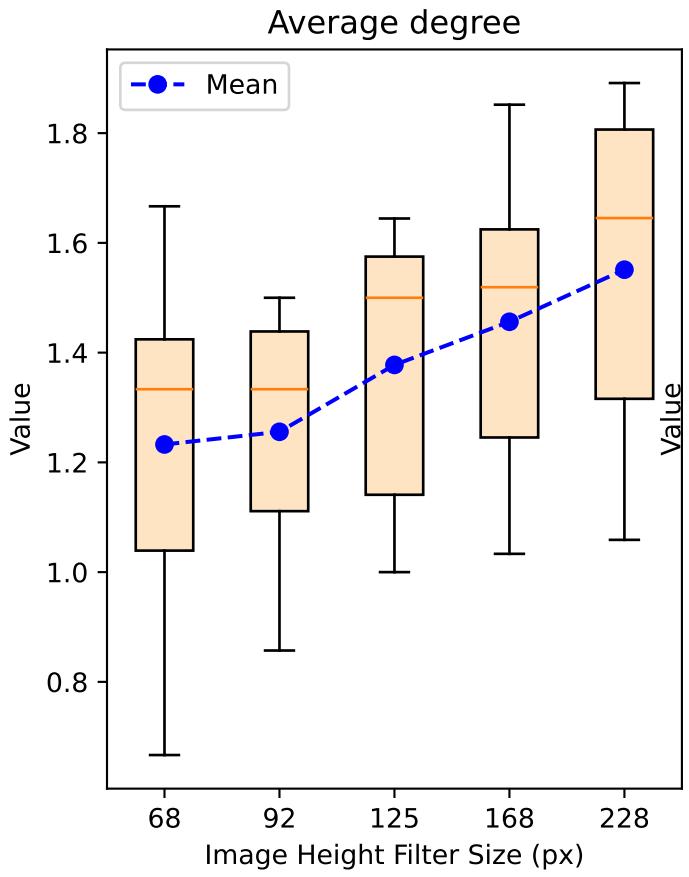
Graph Edge Plot



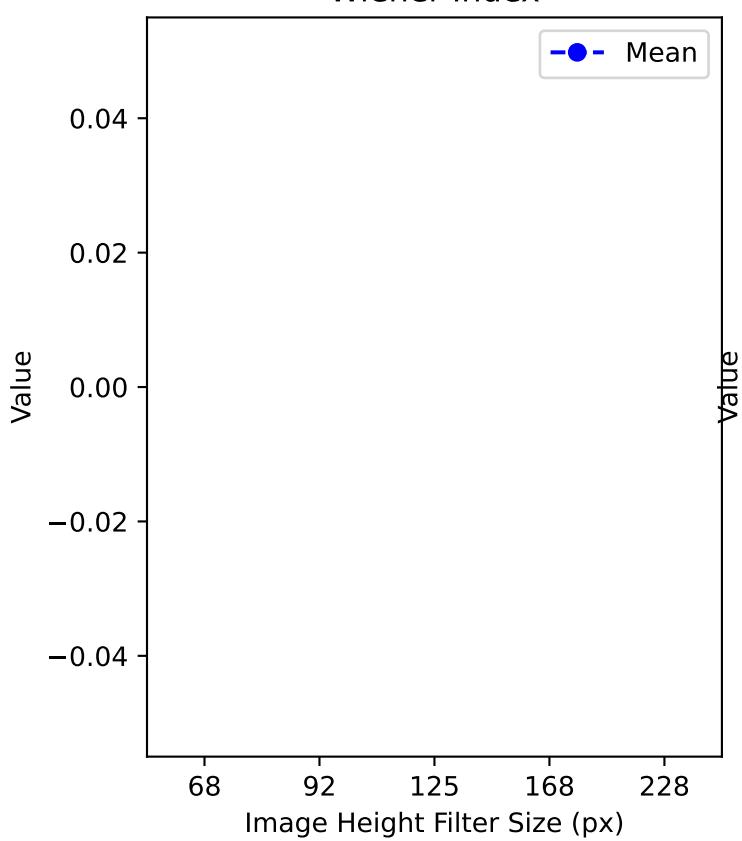
Unweighted GT parameters

Number of nodes	496.0
Number of edges	563.0
Average edge angle (degrees)	169.348
Median edge angle (degrees)	88.091
Average degree	2.27016
Network diameter	40.0
Graph density	0.00459
Global efficiency	0.07569
Wiener Index	2290963.0
Assortativity coefficient	-0.14739
Average clustering coefficient	0.03058
Average betweenness centrality	0.03575

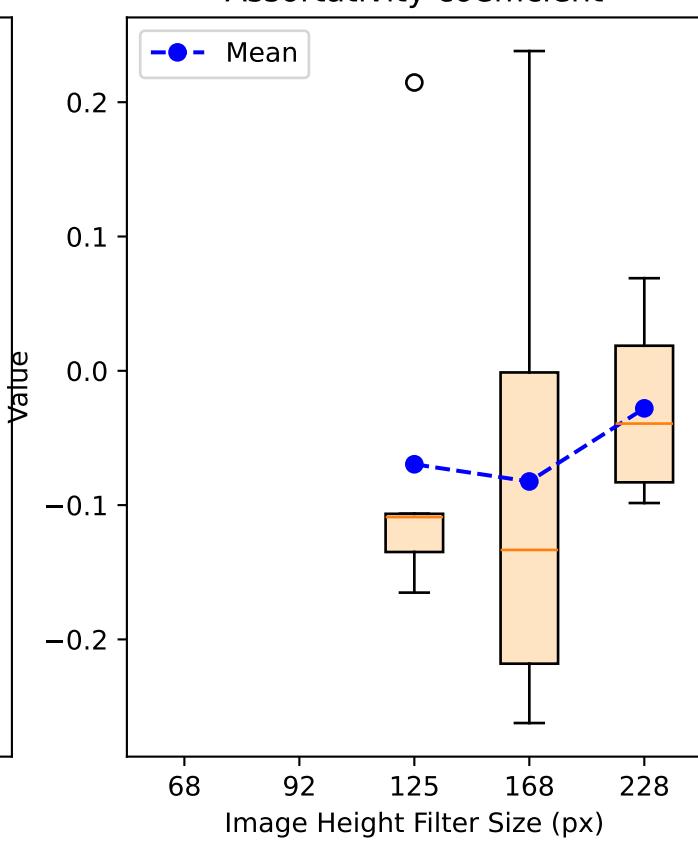




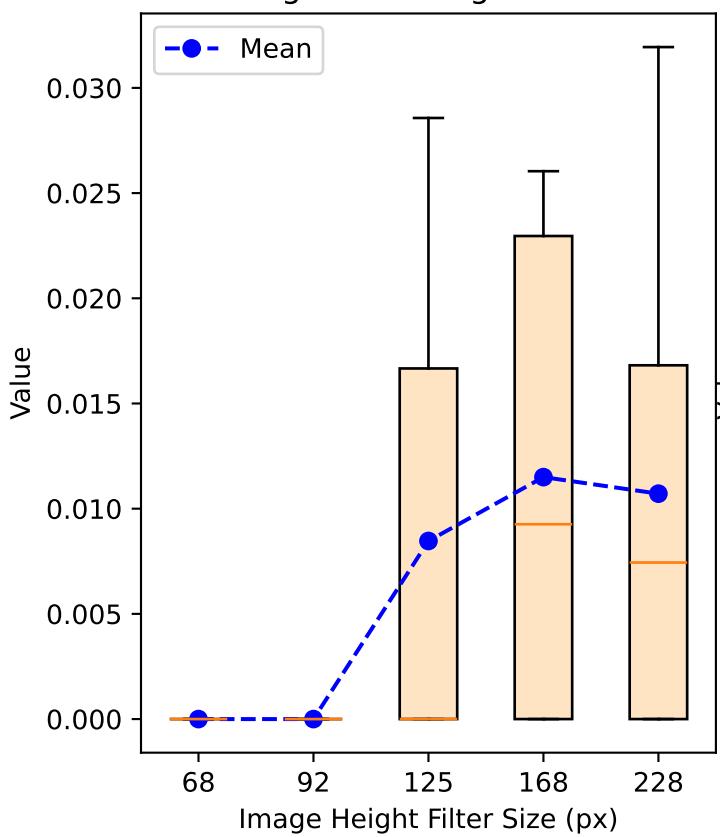
Wiener Index



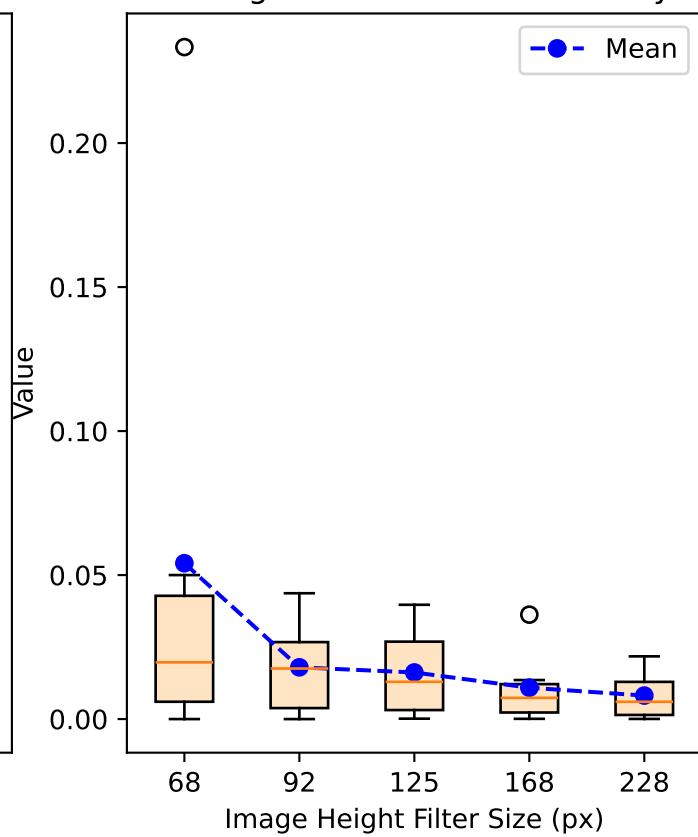
Assortativity coefficient

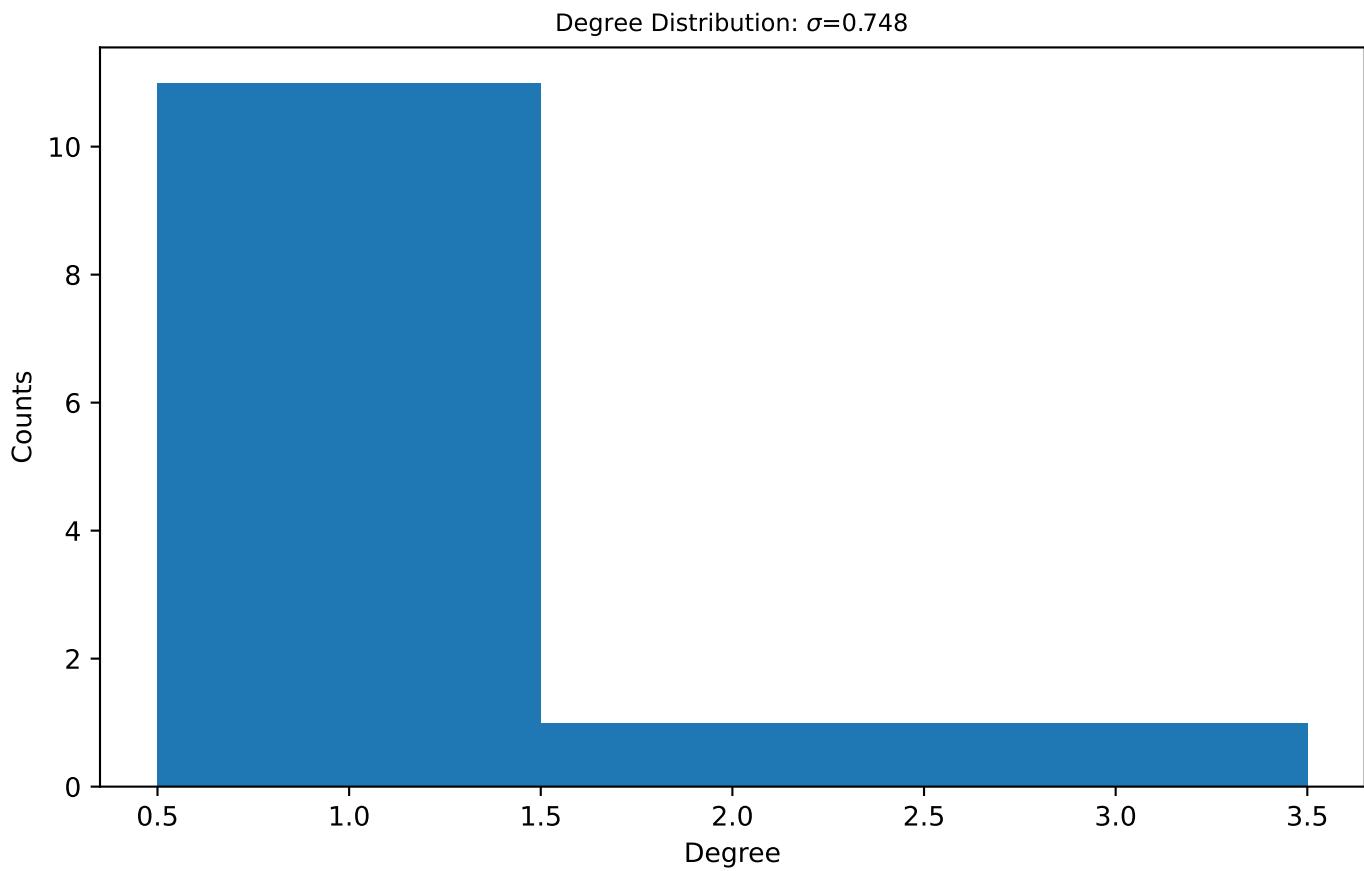


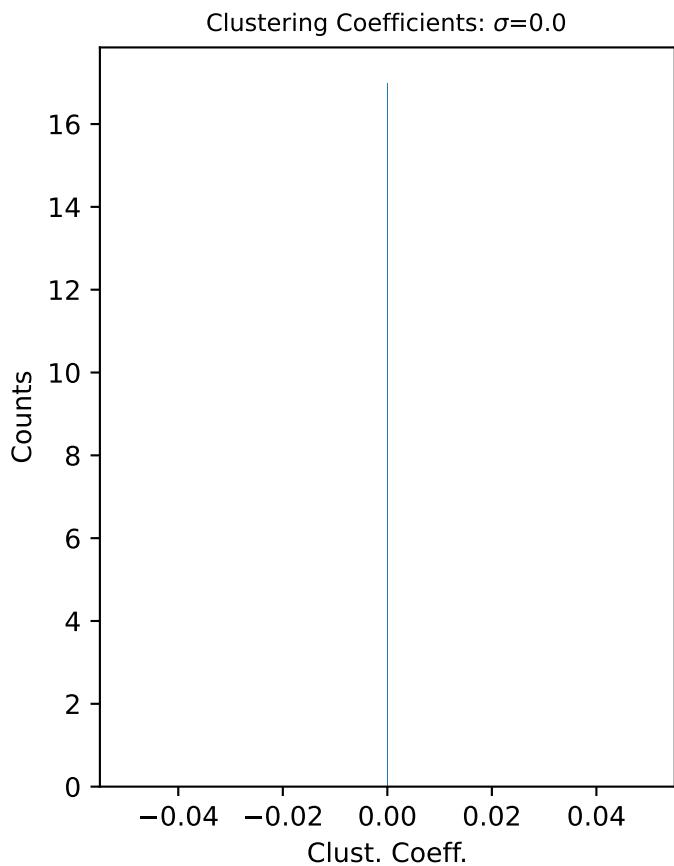
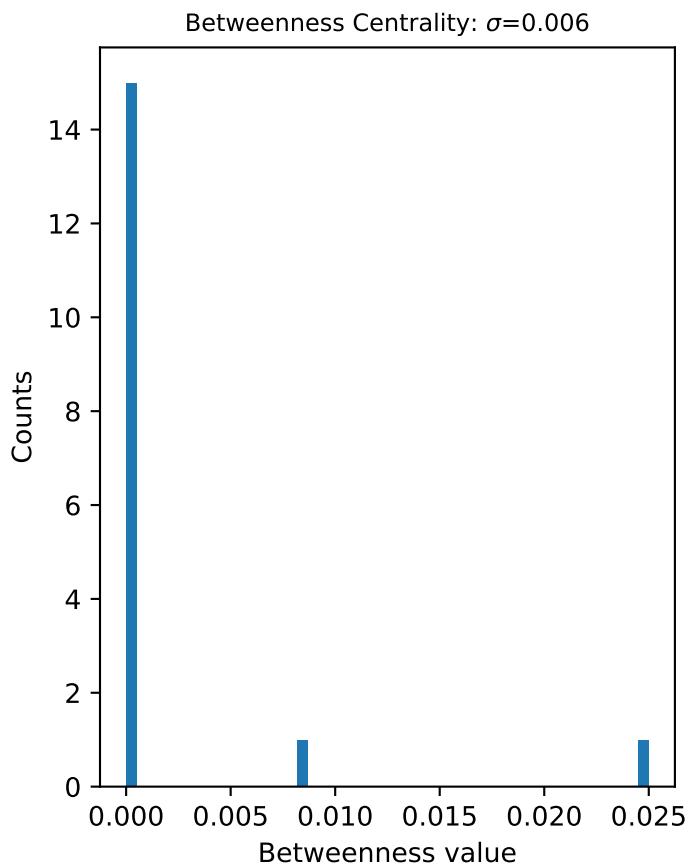
Average clustering coefficient



Average betweenness centrality







Run Info

InVitroBioFilm.png
2025-05-22 14:29:57

Image Filter Configurations
Global Threshold (128.0) || Gamma = 1.0

Microscopy Parameters
Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1
Resistivity = 1.0Ωm

Image Scale
Size = 638 x 912 px || Scale Factor = 1.0

Graph Extraction Configurations