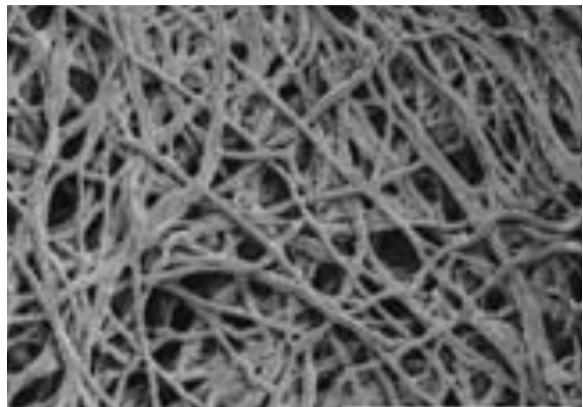
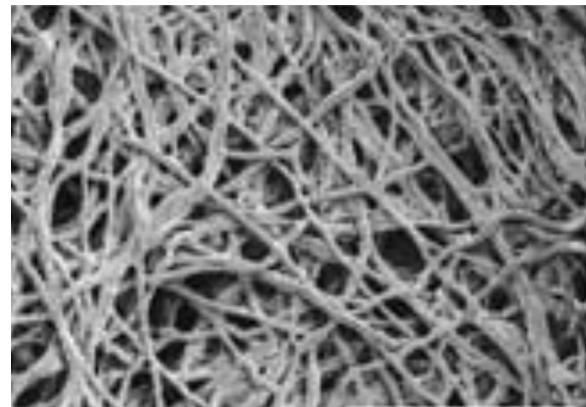


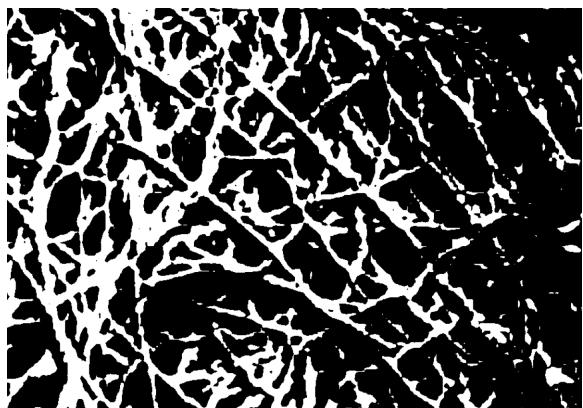
Original Image



Processed Image



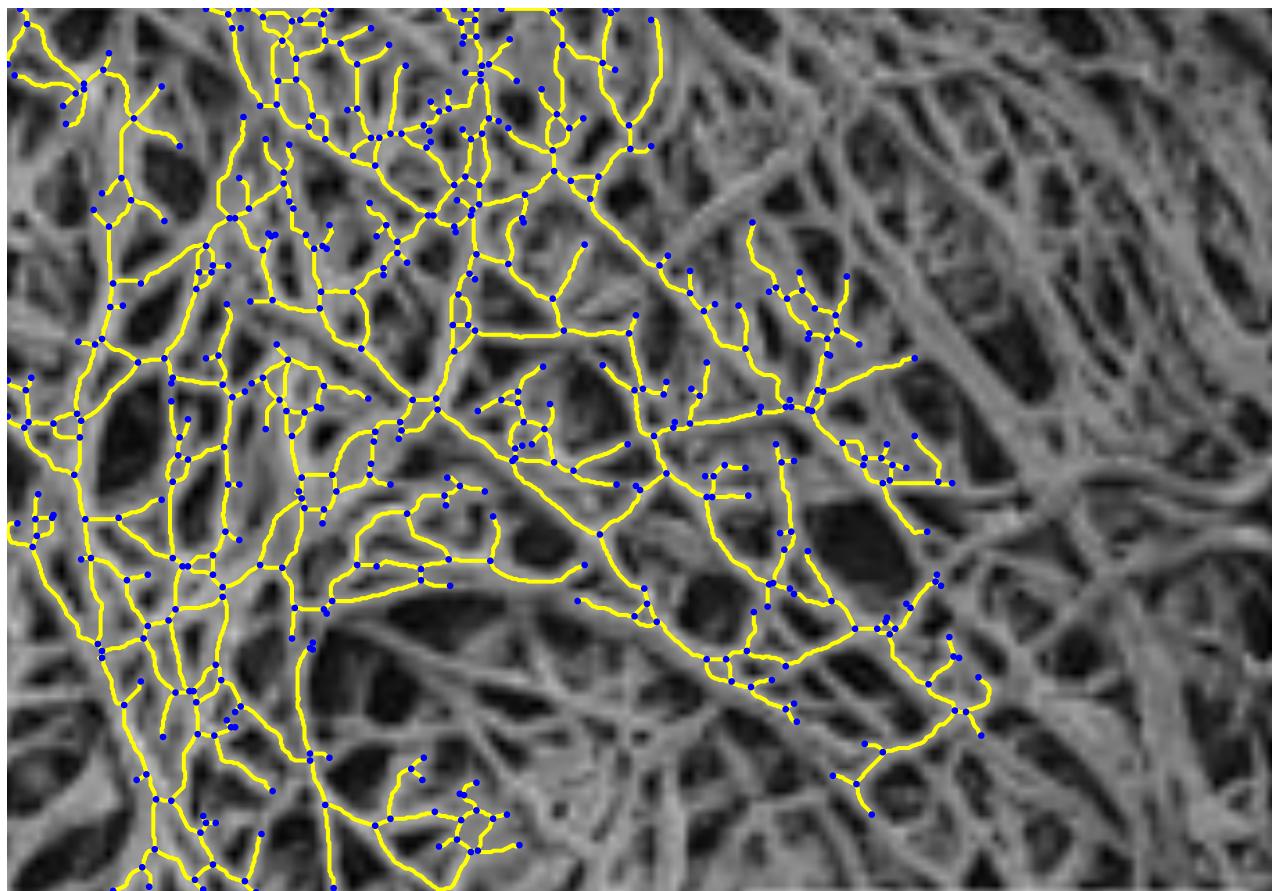
Binary Image



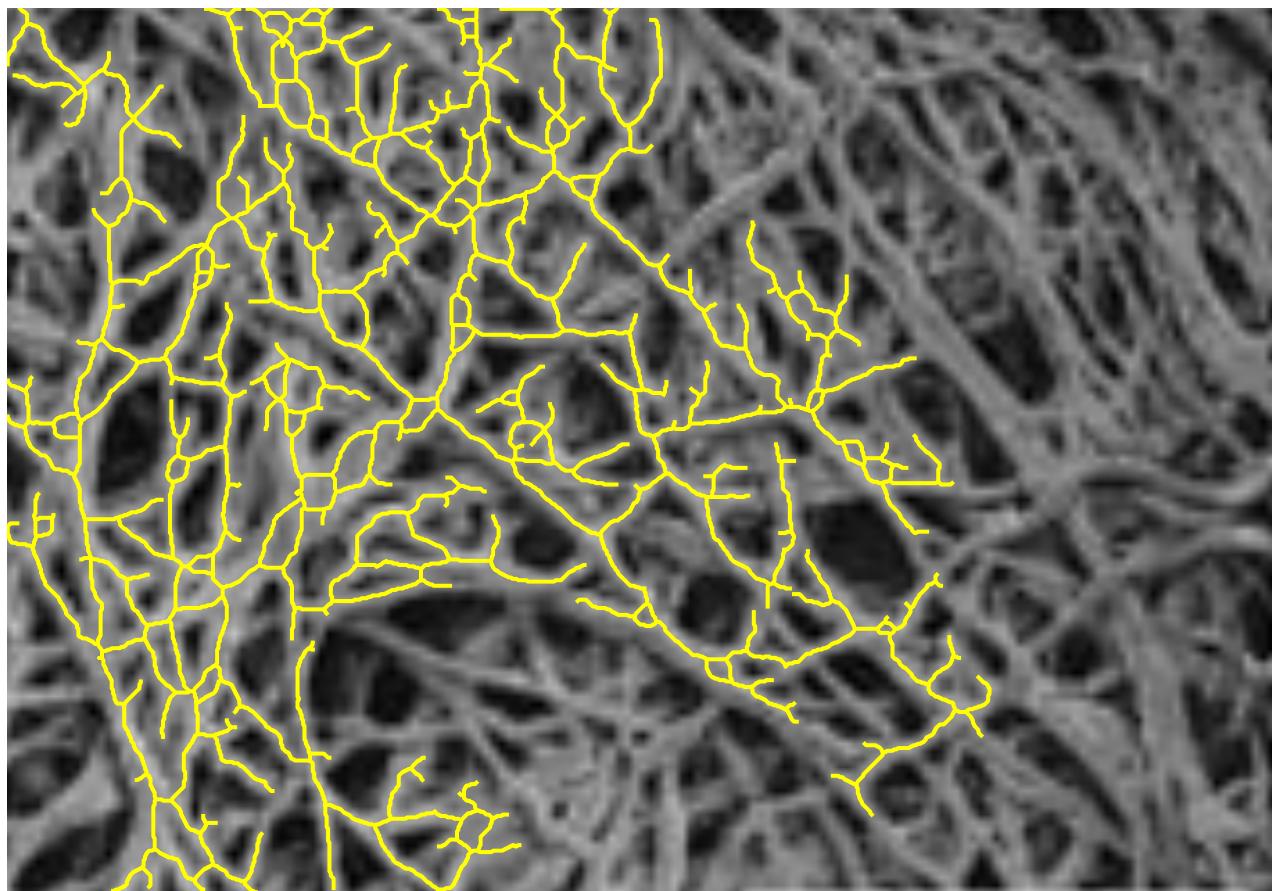
Histogram of Processed Image



Graph Node Plot

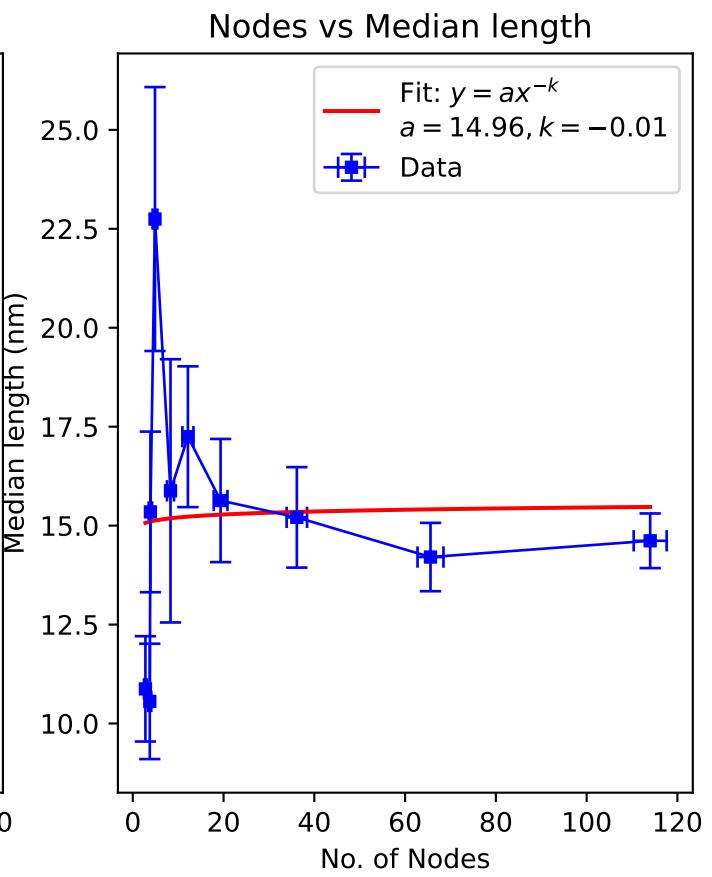
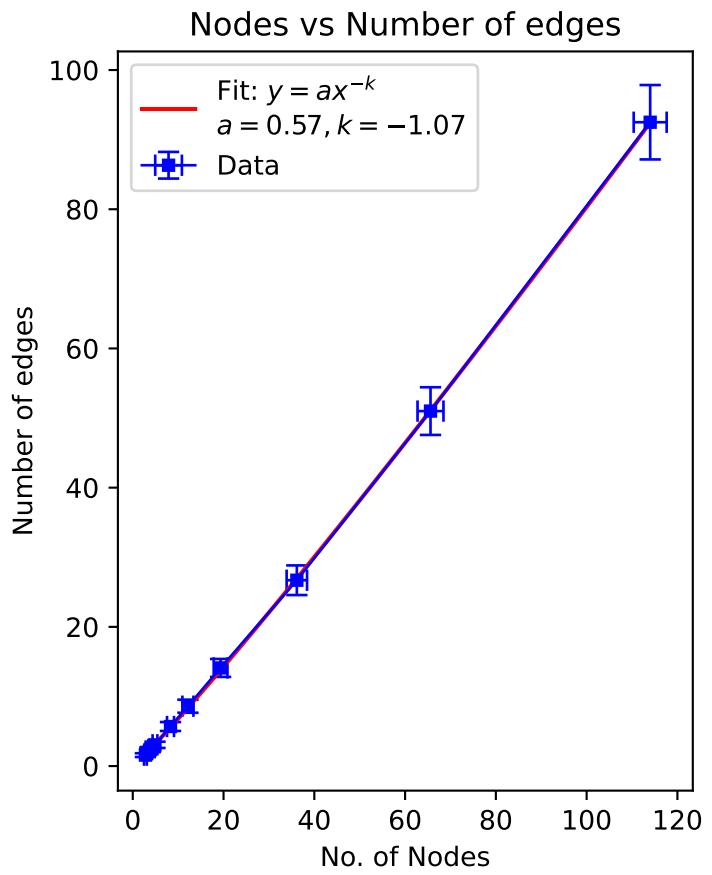


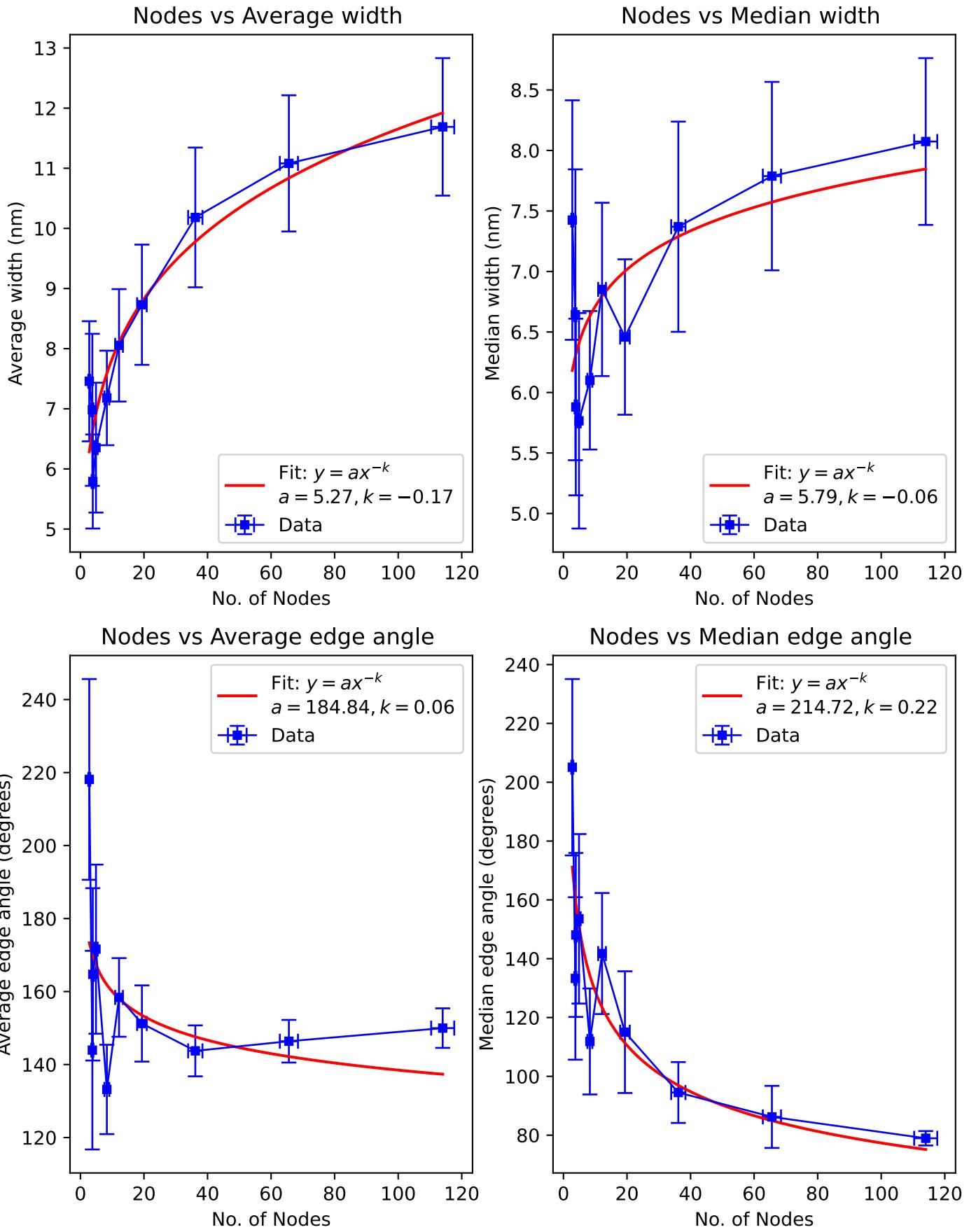
Graph Edge Plot

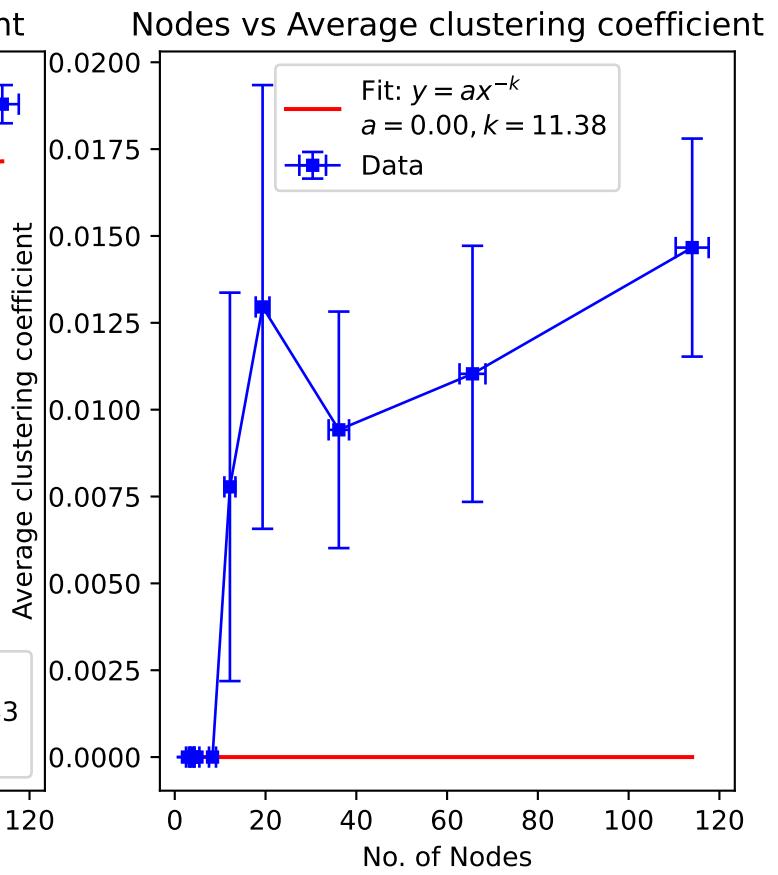
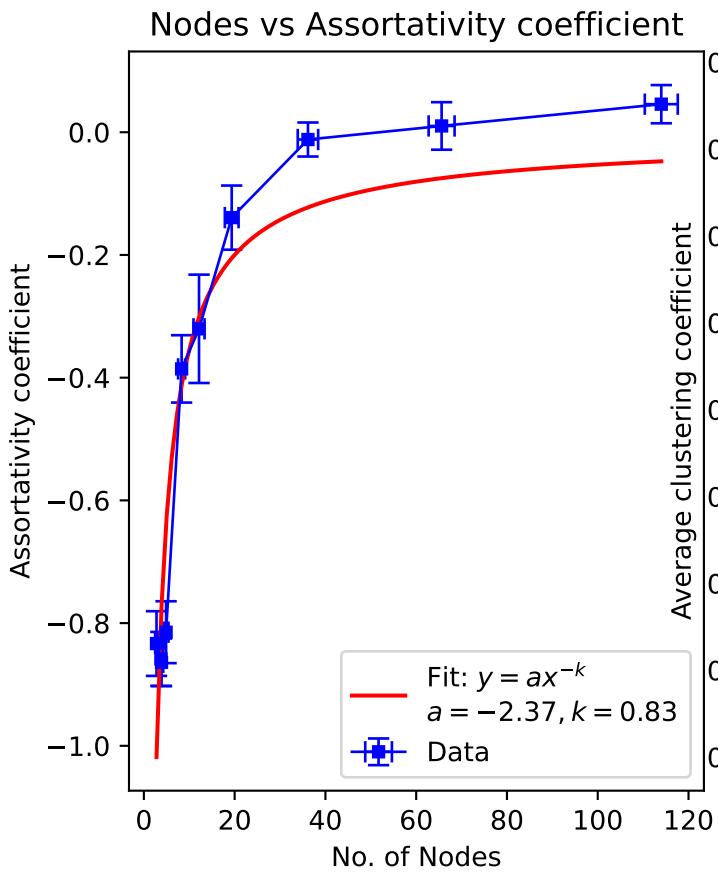
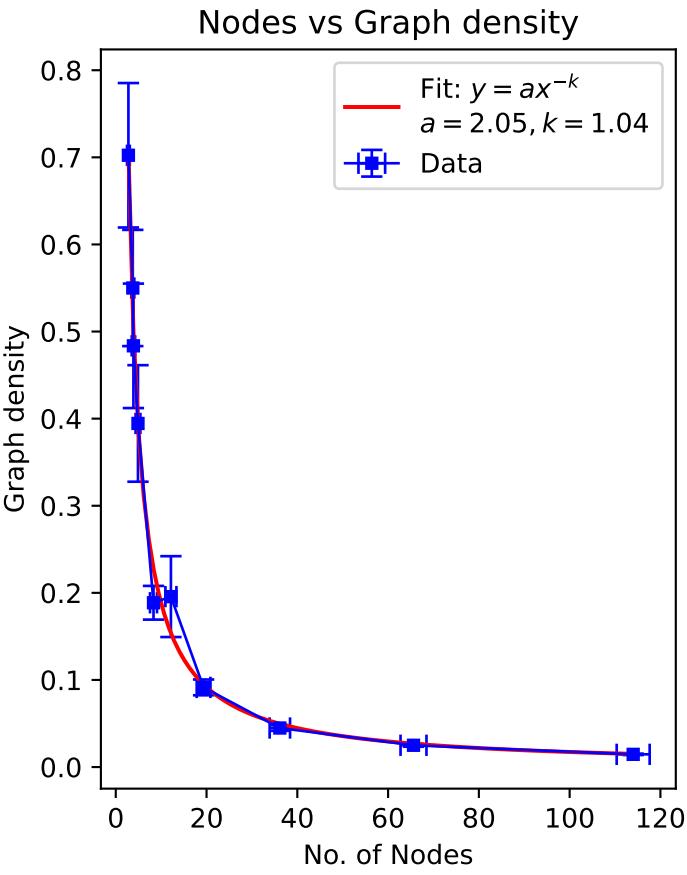
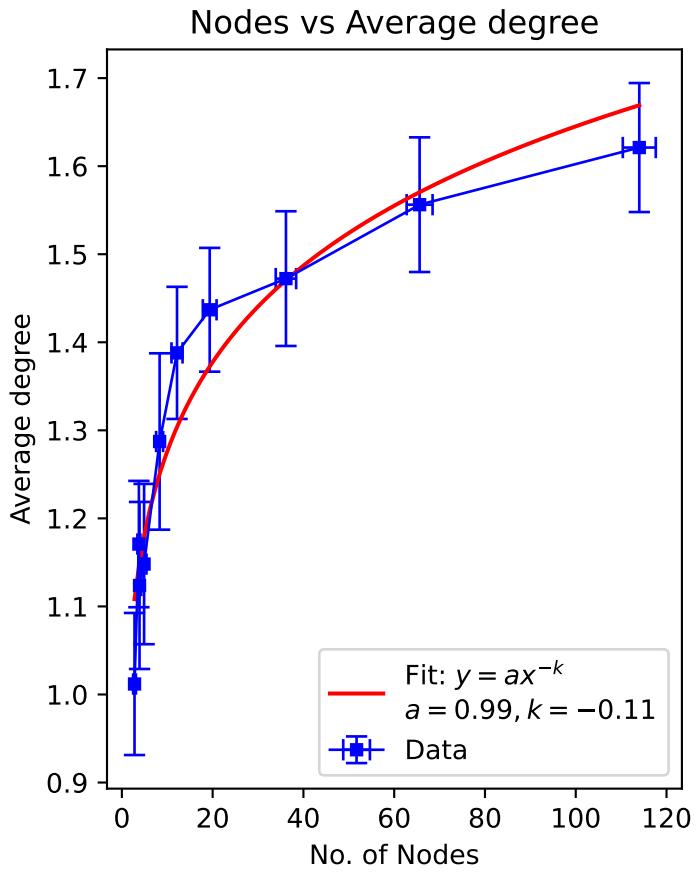


Unweighted GT parameters

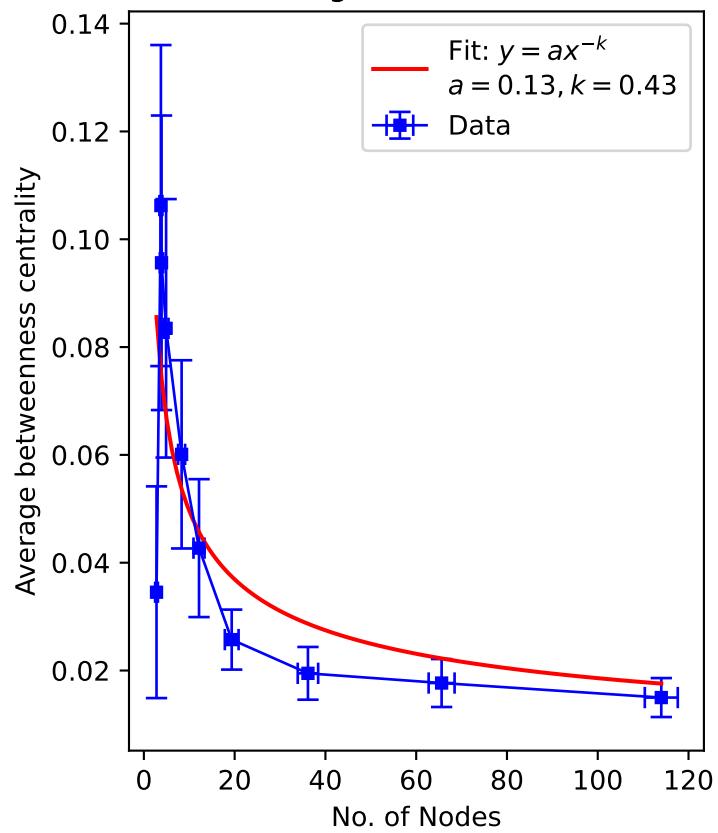
Number of nodes	496.0
Number of edges	563.0
Average length (nm)	23.206
Median length (nm)	17.786
Average width (nm)	16.948
Median width (nm)	10.698
Average edge angle (degrees)	169.348
Median edge angle (degrees)	88.091
Average degree	2.27016
Network diameter	40.0
Graph density	0.00459
Assortativity coefficient	-0.14739
Average clustering coefficient	0.03058
Average betweenness centrality	0.03575



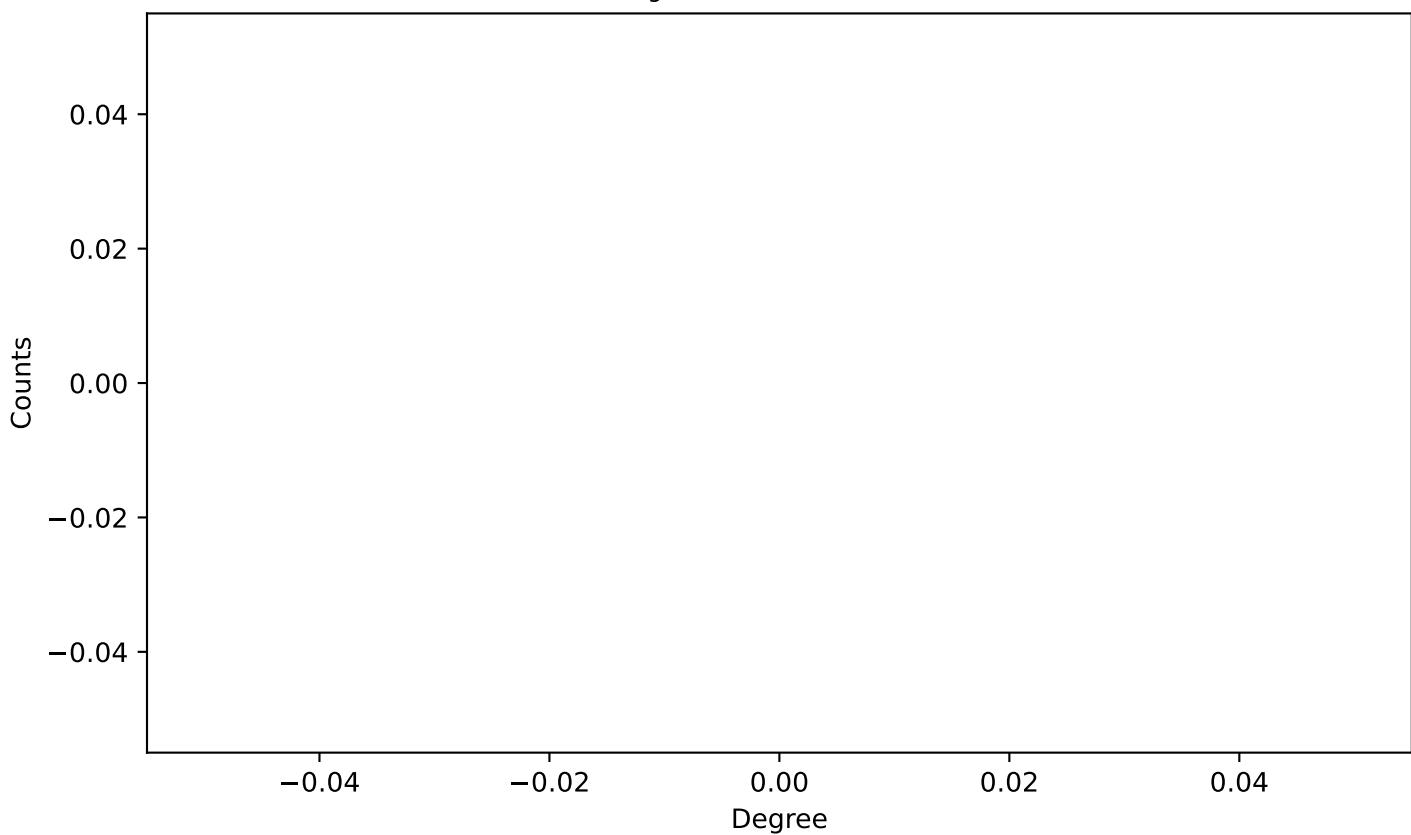


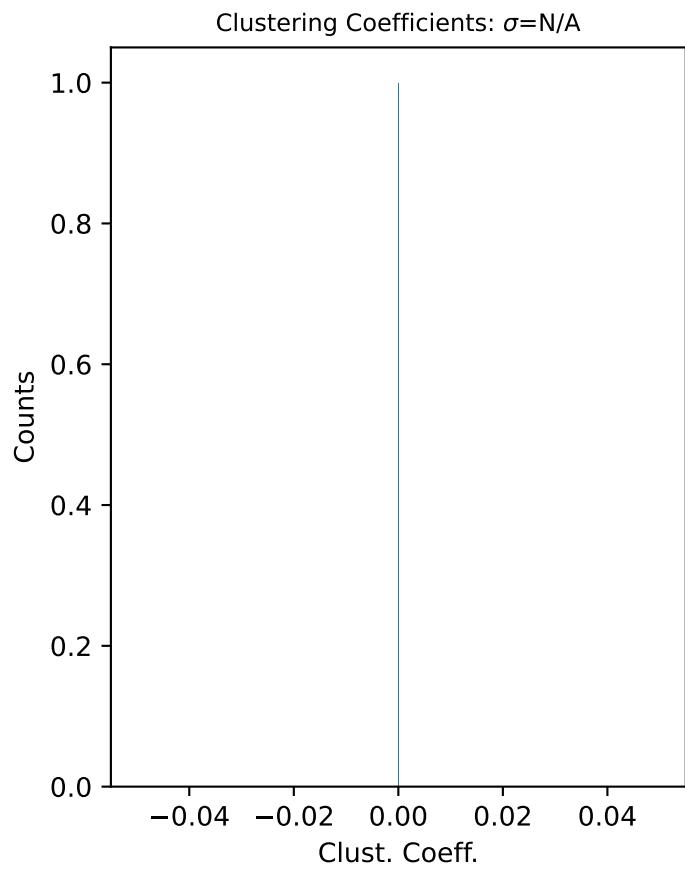
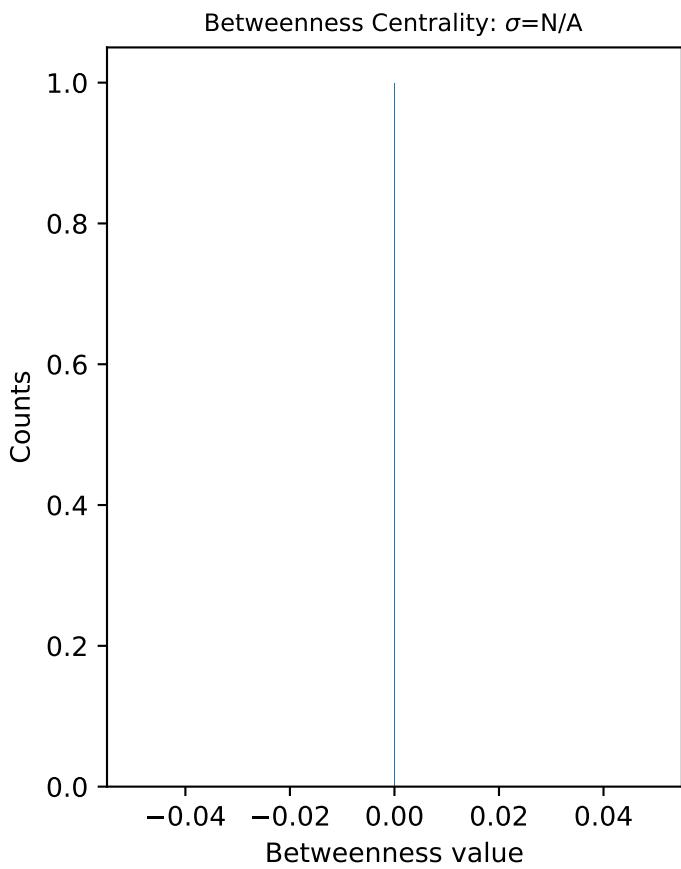


Nodes vs Average betweenness centrality



Degree Distribution: $\sigma=N/A$





Run Info

InVitroBioFilm.png
2025-05-30 13:46:55

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