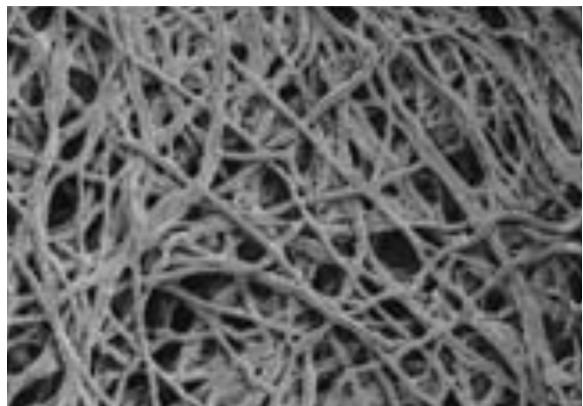
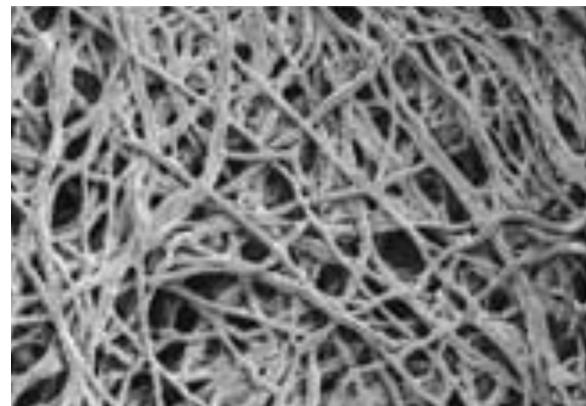


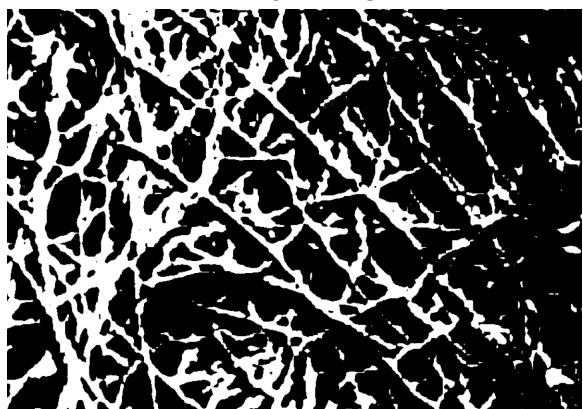
Original Image



Processed Image



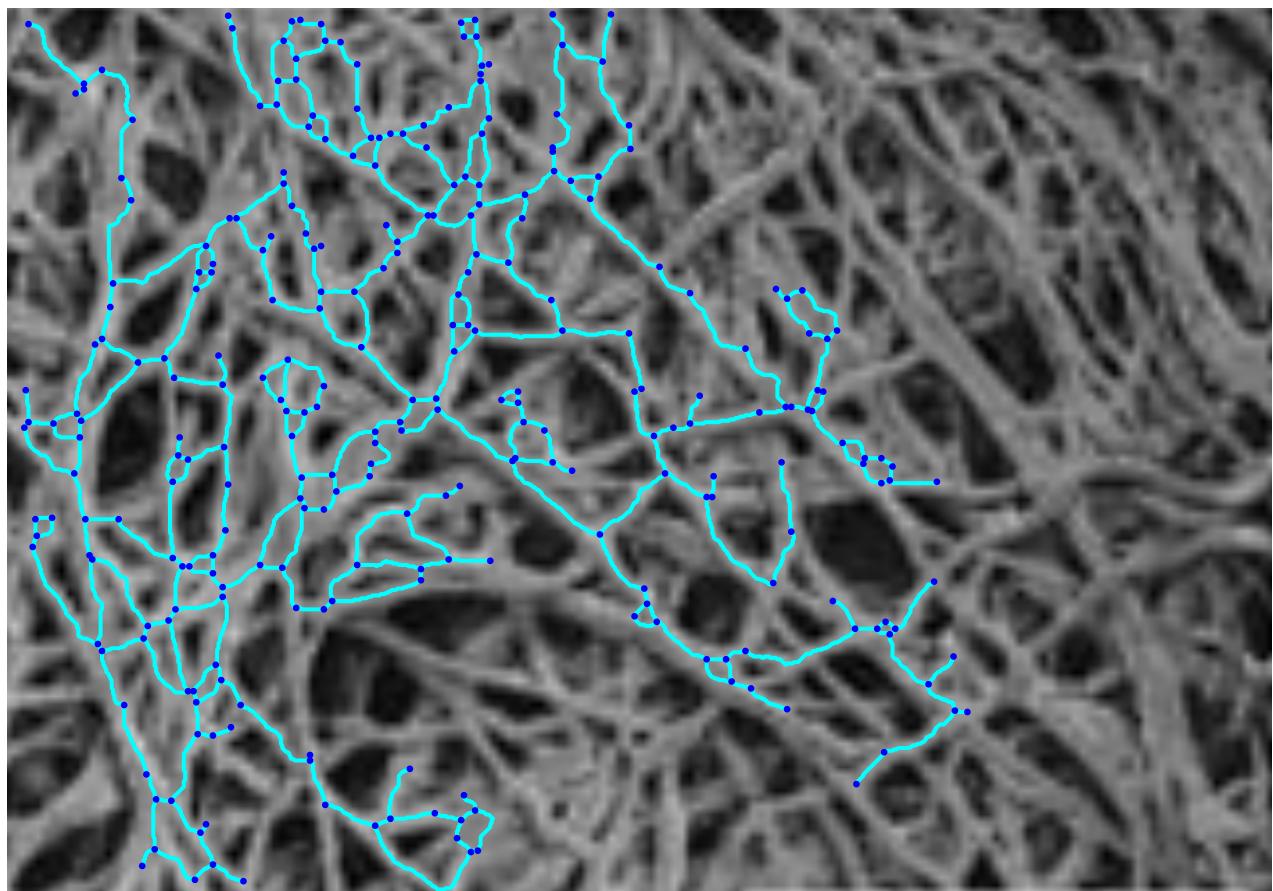
Binary Image



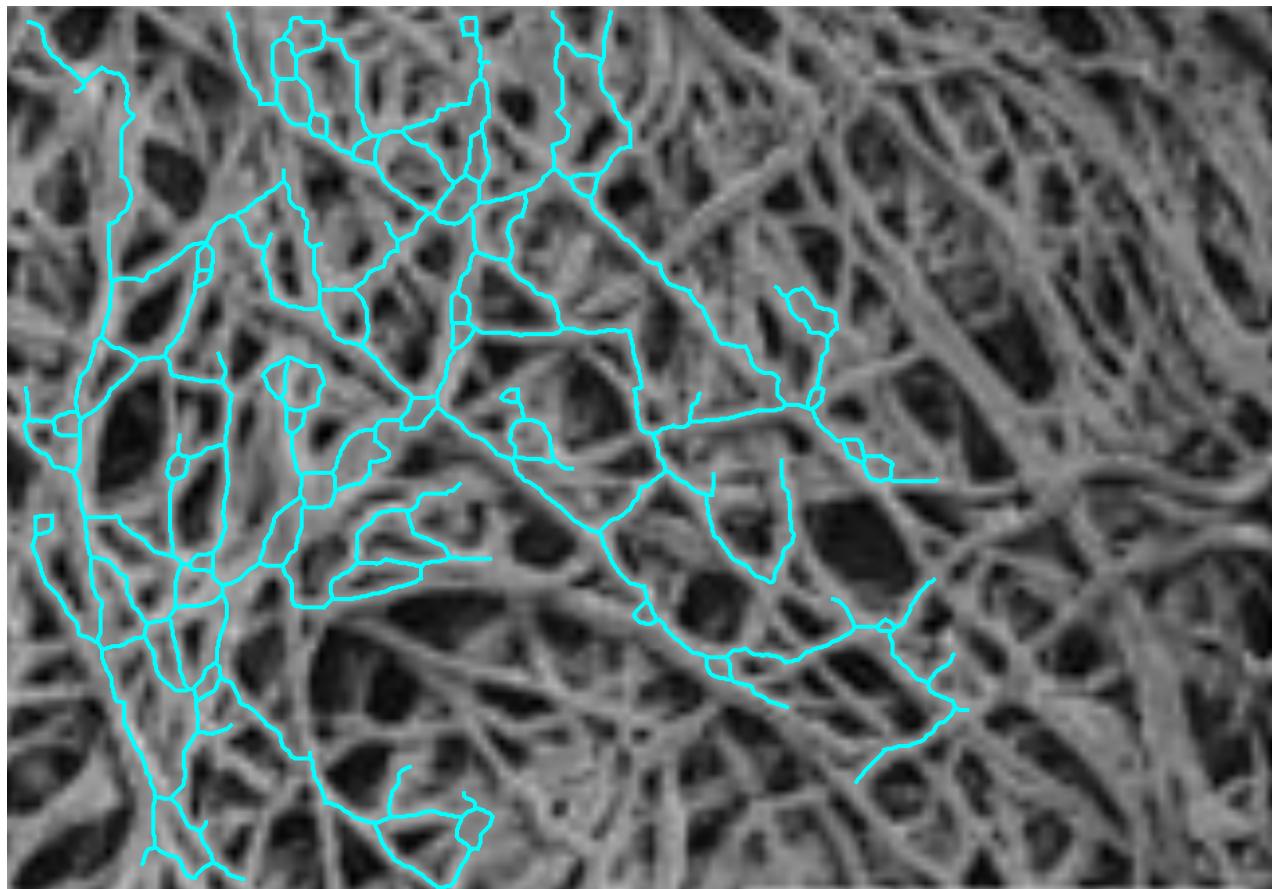
Histogram of Processed Image



Graph Node Plot

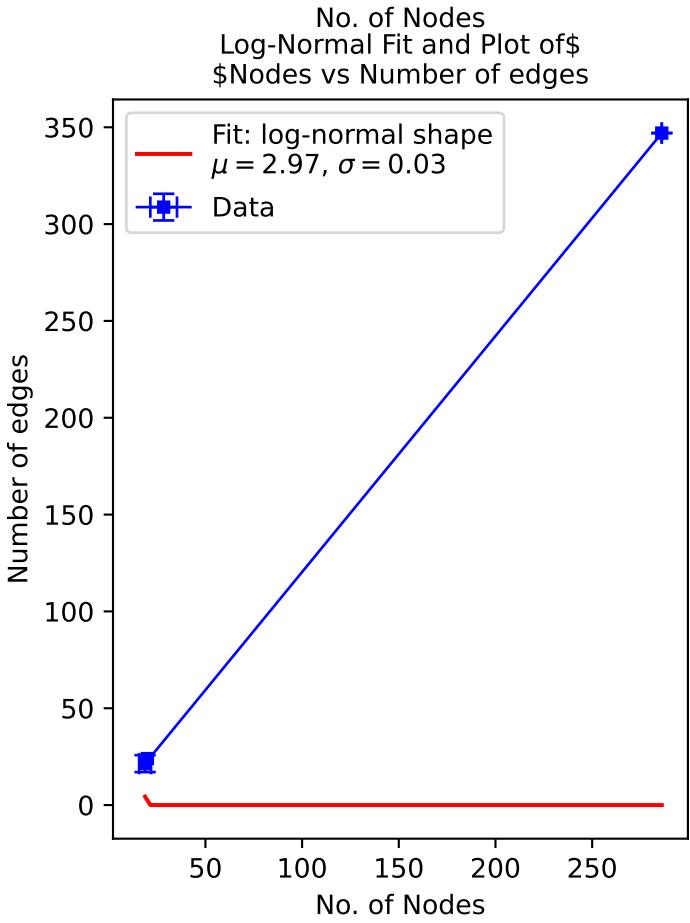
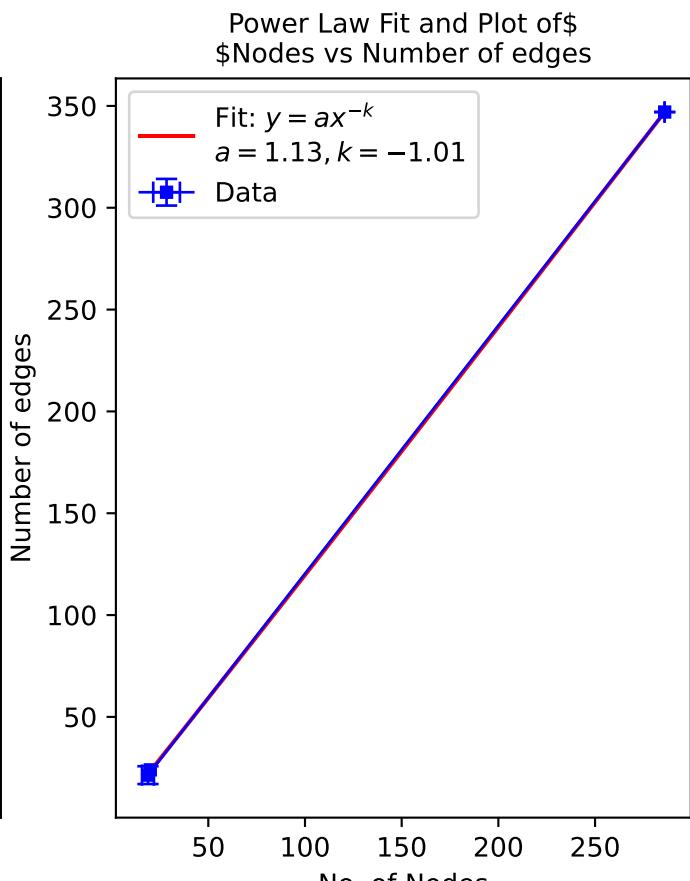
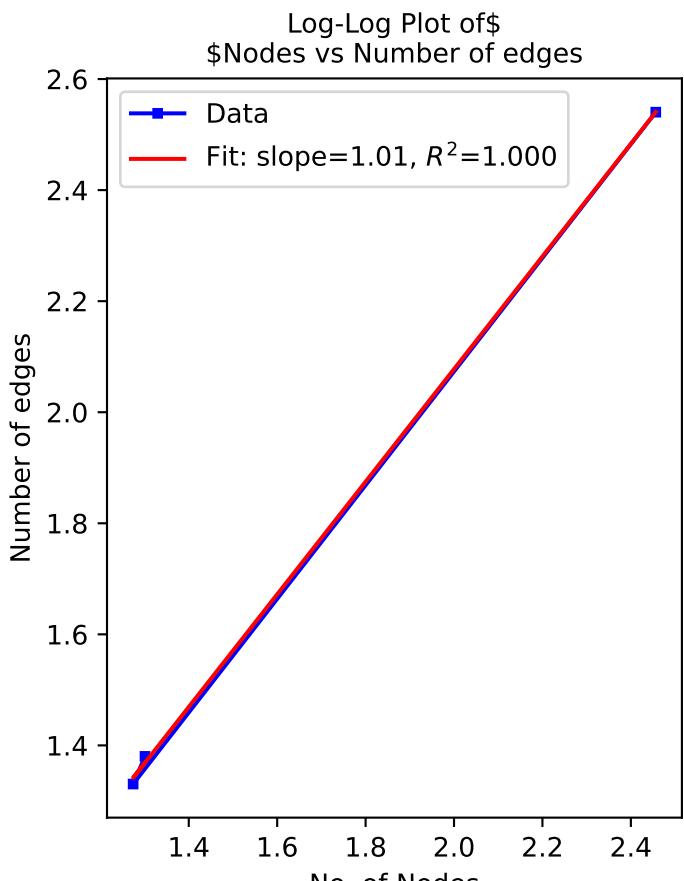


Graph Edge Plot

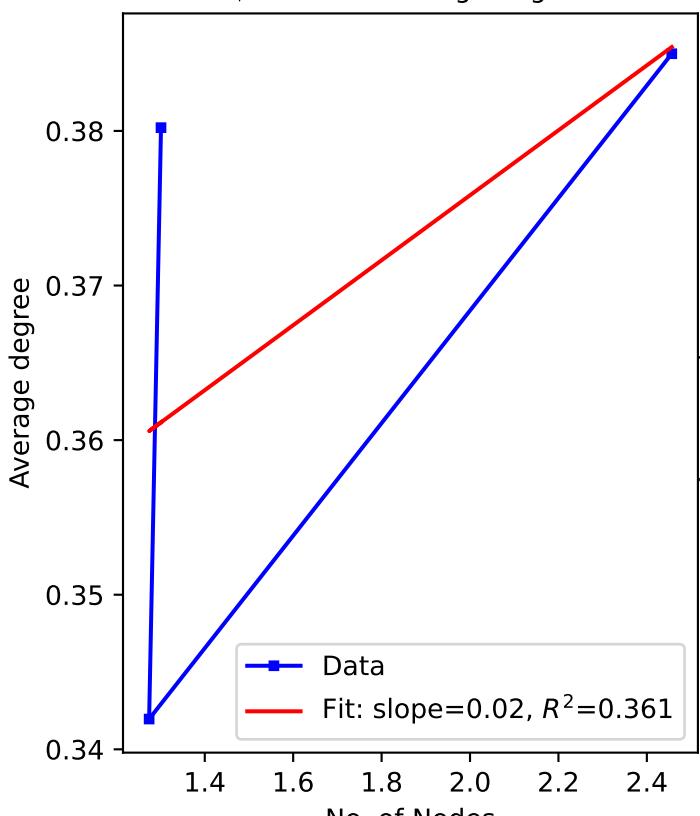


Unweighted GT parameters

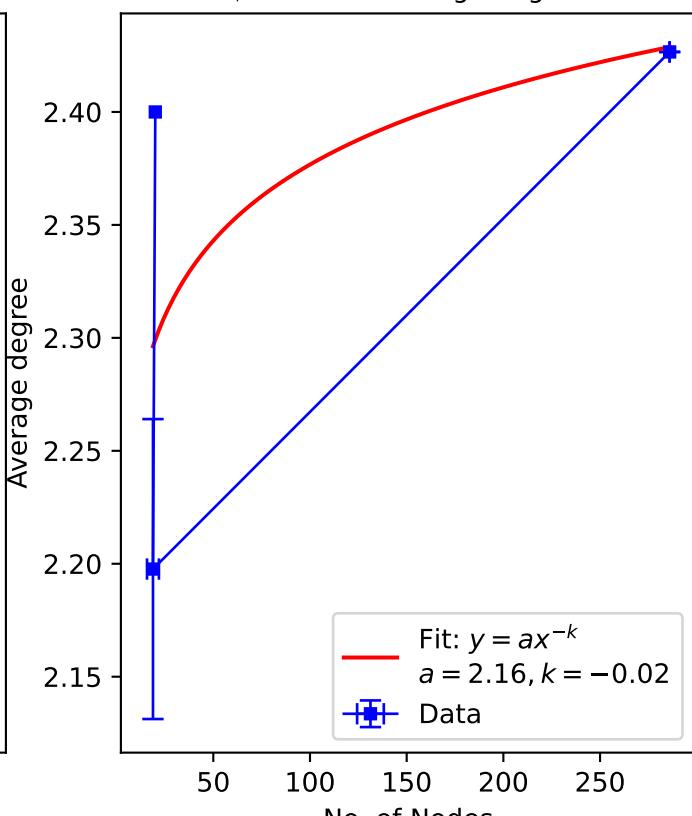
Number of nodes	286.0
Number of edges	347.0
Average edge angle (degrees)	164.153
Median edge angle (degrees)	87.138
Average degree	2.42657
Network diameter	35.0
Graph density	0.00851
Assortativity coefficient	-0.02484
Average clustering coefficient	0.06294
Average betweenness centrality	0.05236
Average eigenvector centrality	0.02761
Average closeness centrality	0.06524



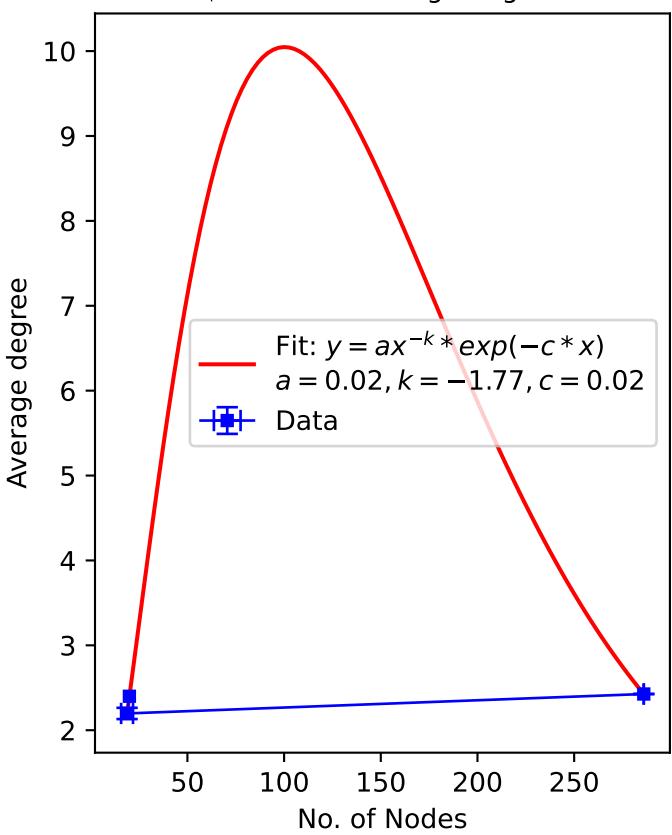
Log-Log Plot of \$Nodes vs Average degree



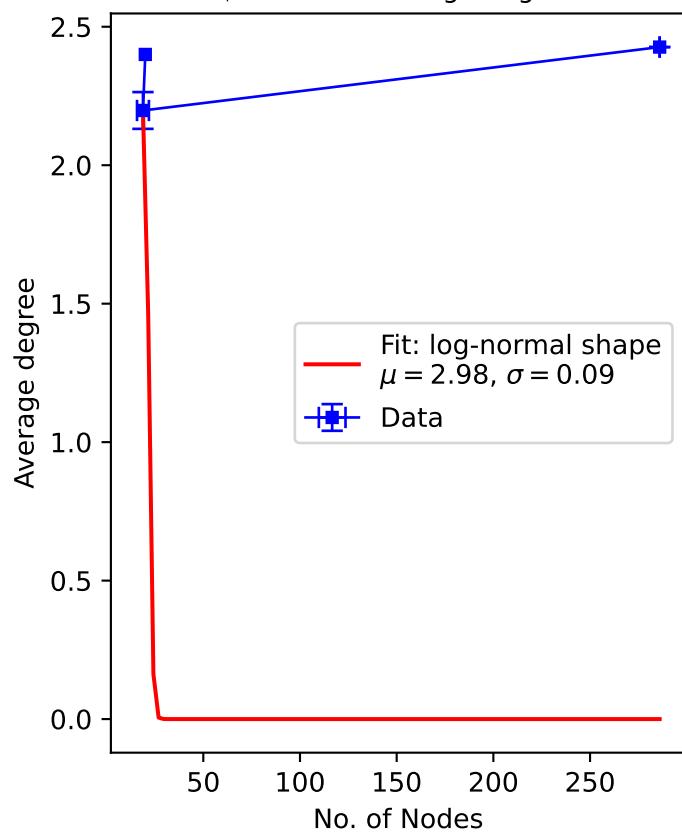
Power Law Fit and Plot of \$Nodes vs Average degree



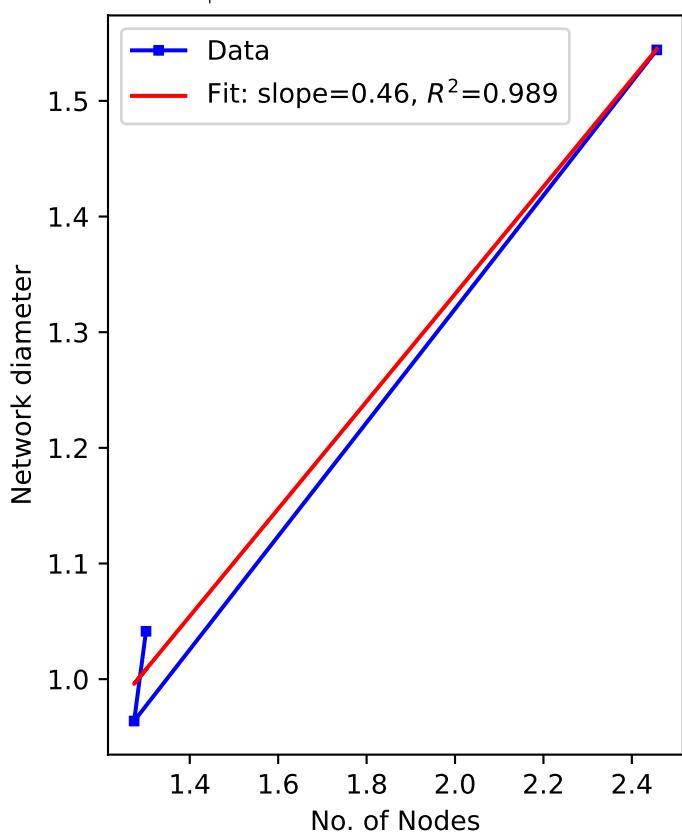
Truncated Power Law Fit and Plot of \$Nodes vs Average degree



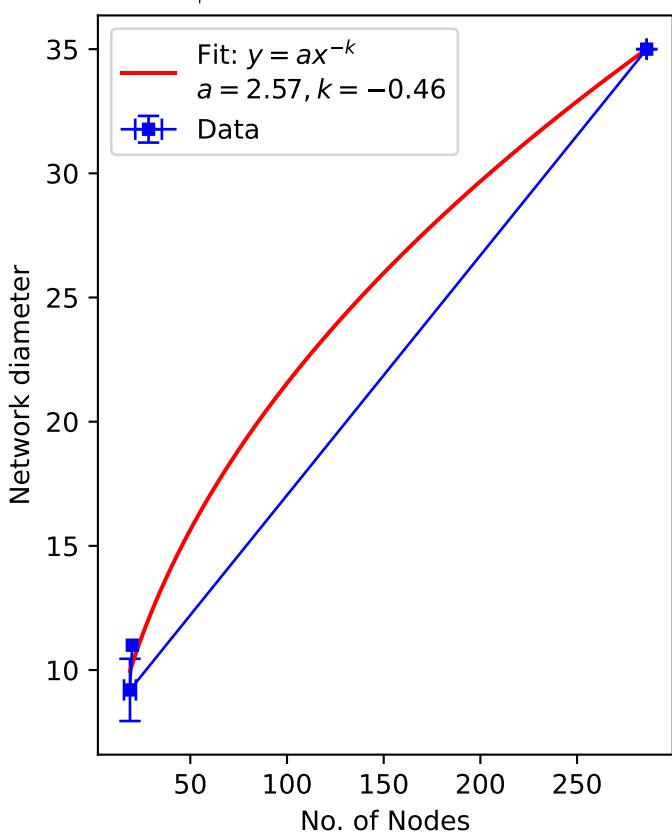
Log-Normal Fit and Plot of \$Nodes vs Average degree



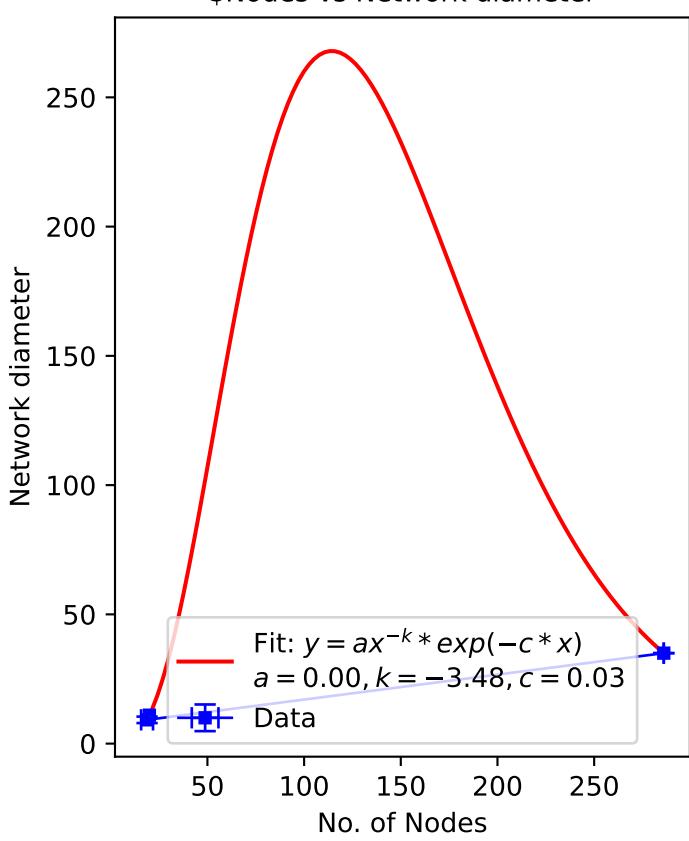
Log-Log Plot of \$Nodes vs Network diameter

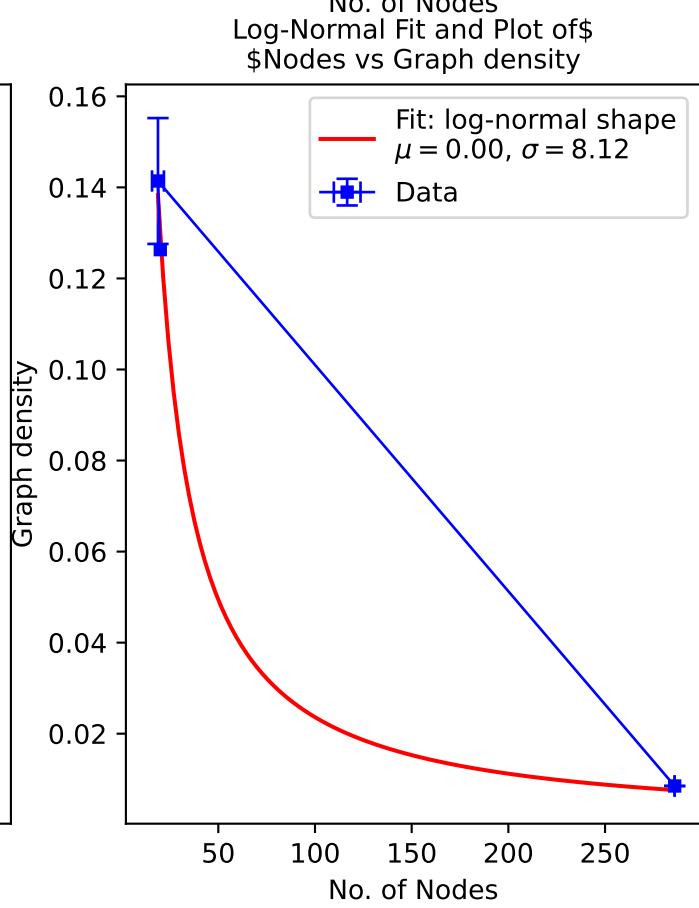
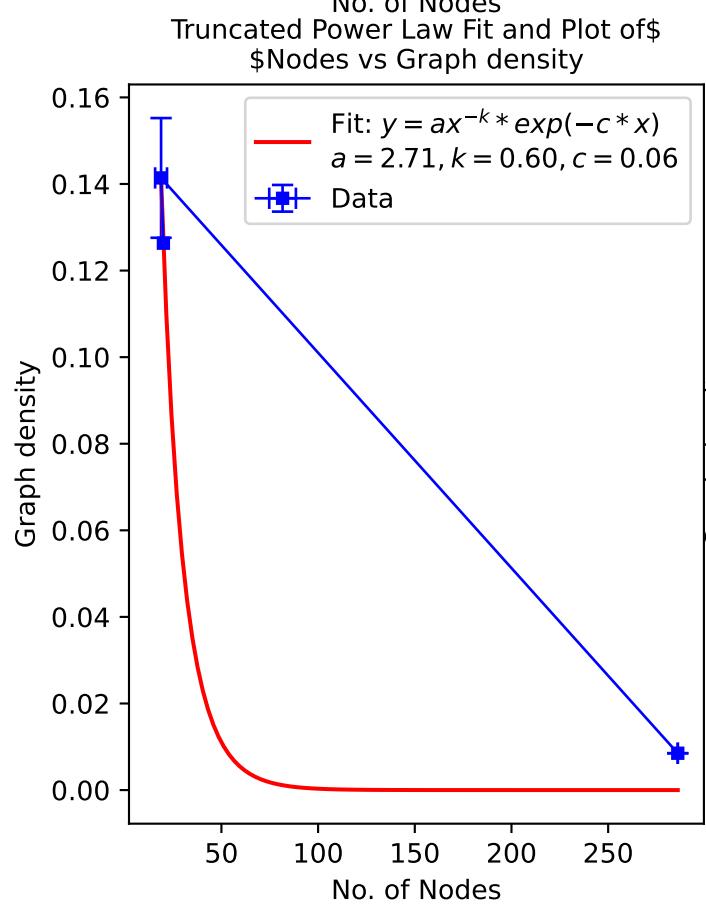
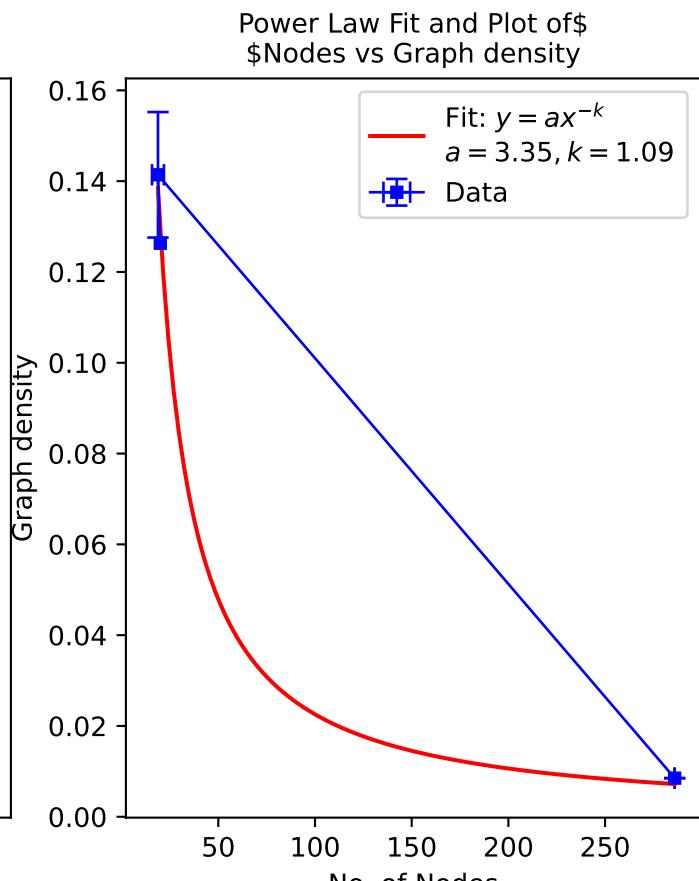
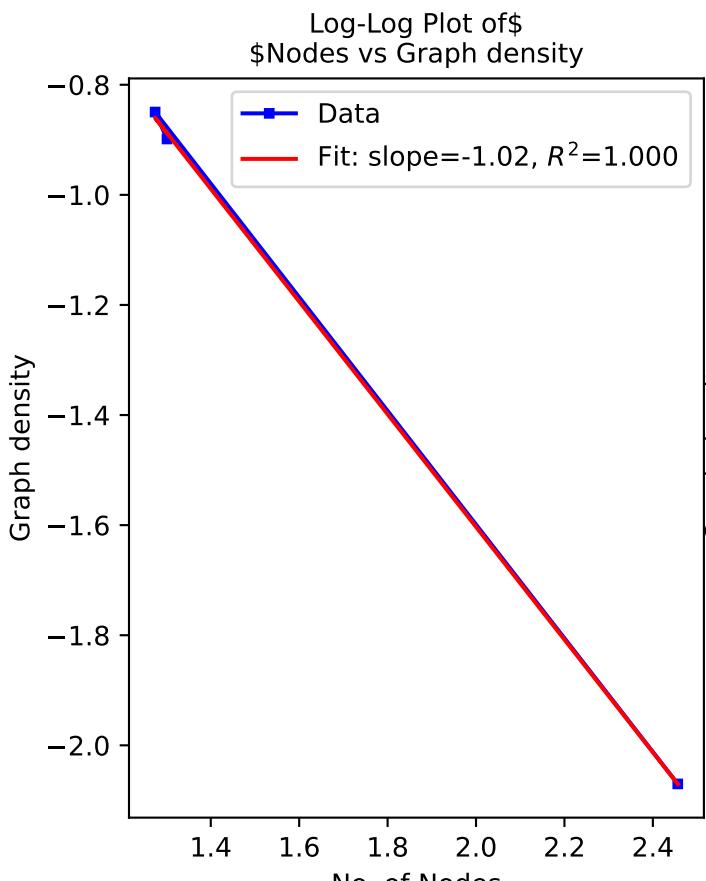


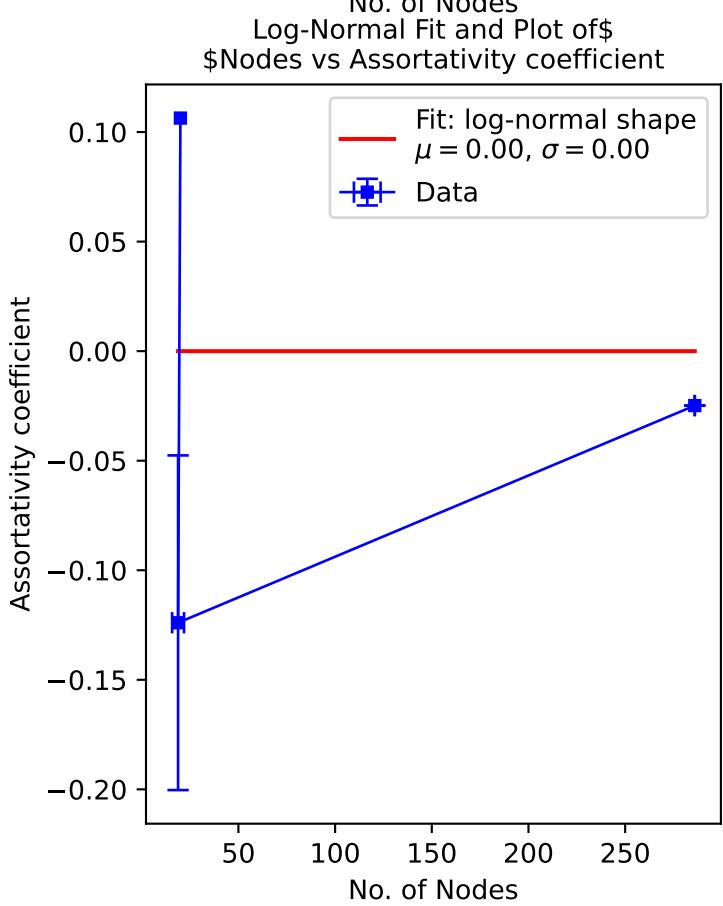
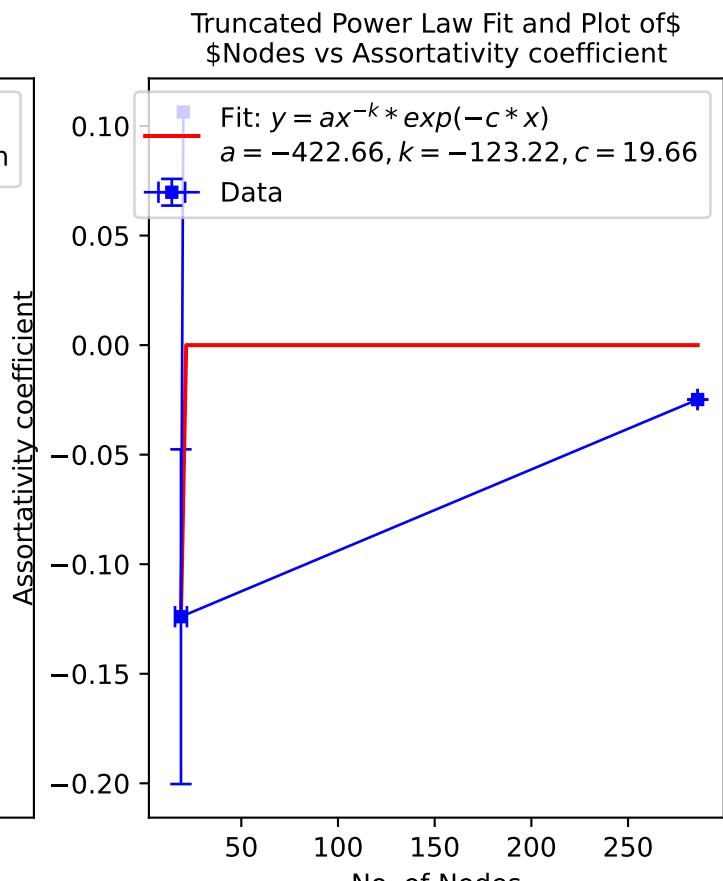
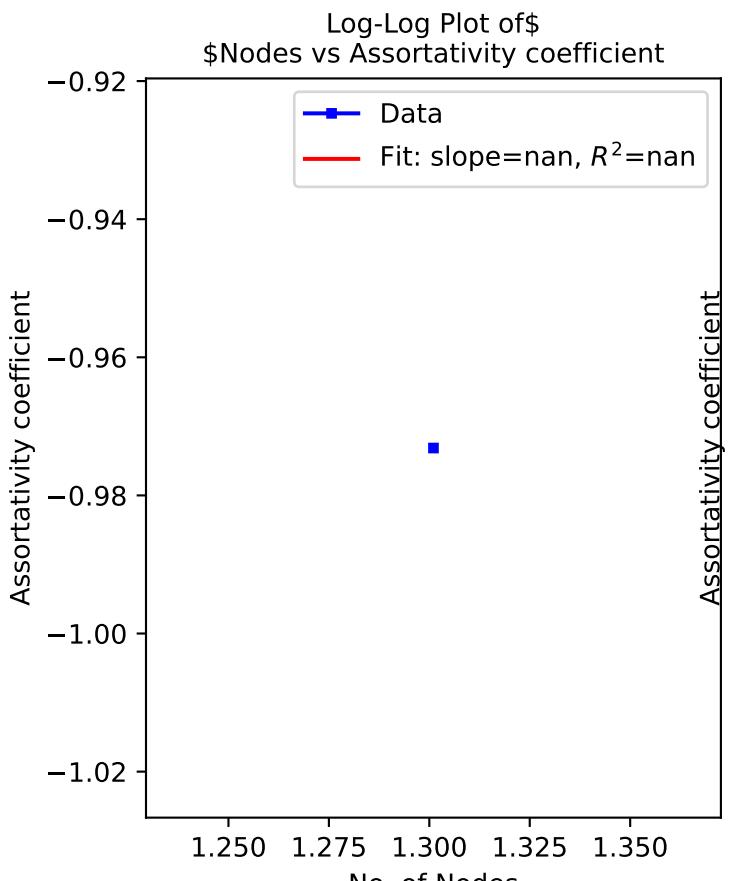
Power Law Fit and Plot of \$Nodes vs Network diameter

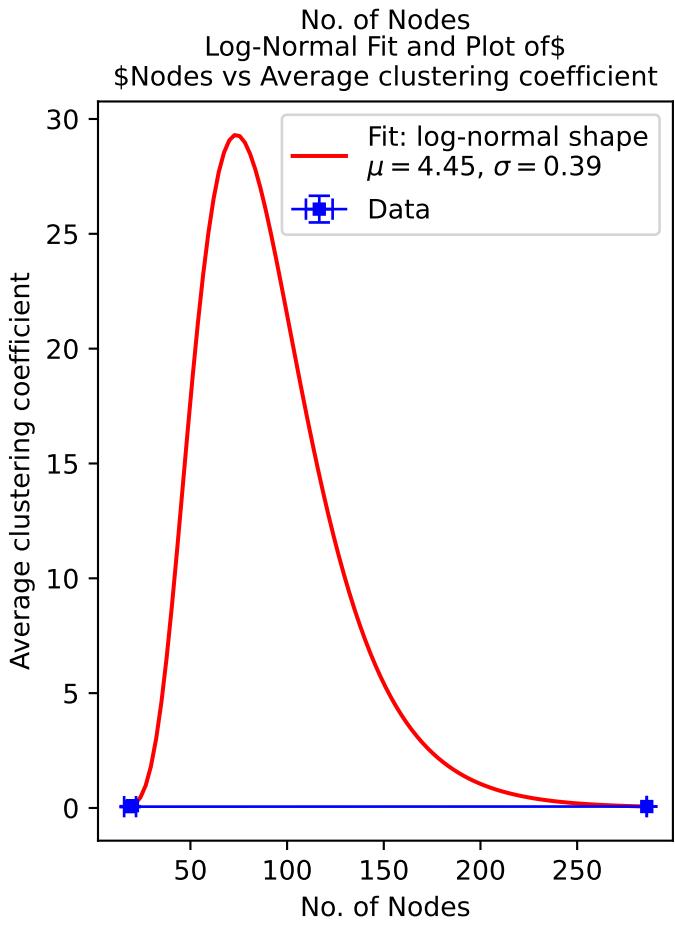
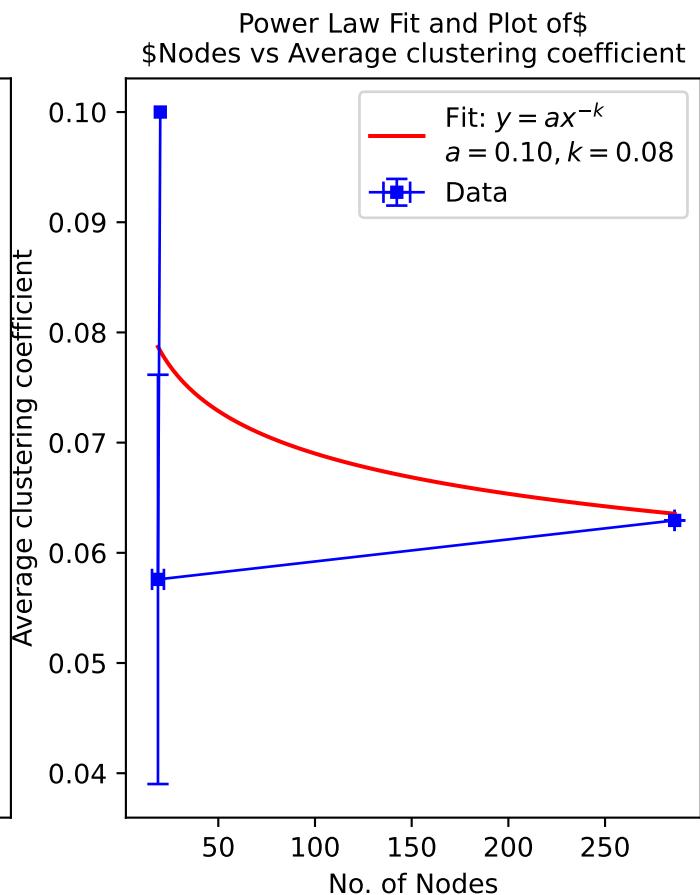
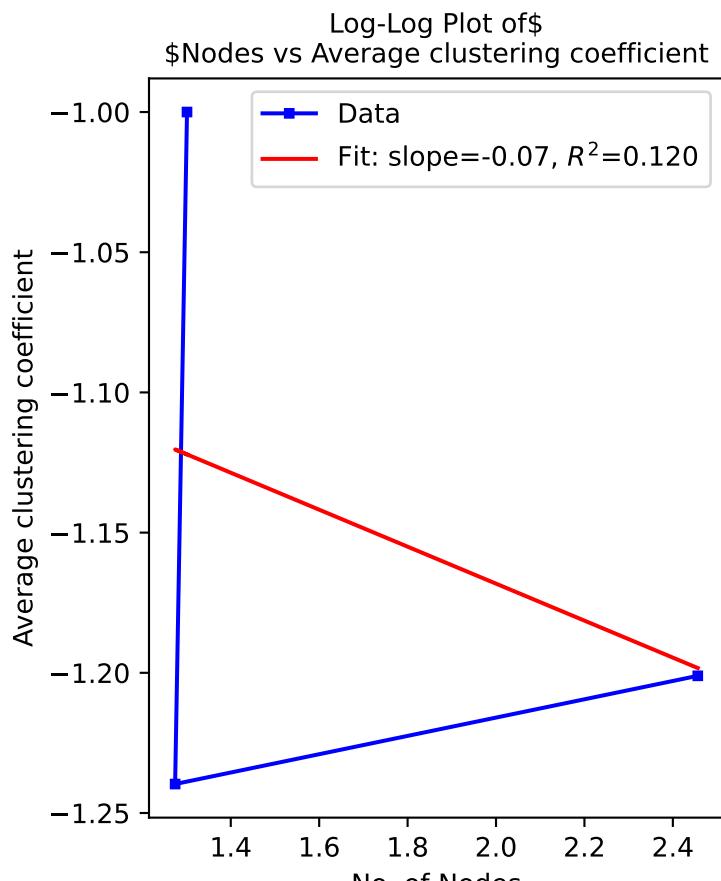


Truncated Power Law Fit and Plot of \$Nodes vs Network diameter

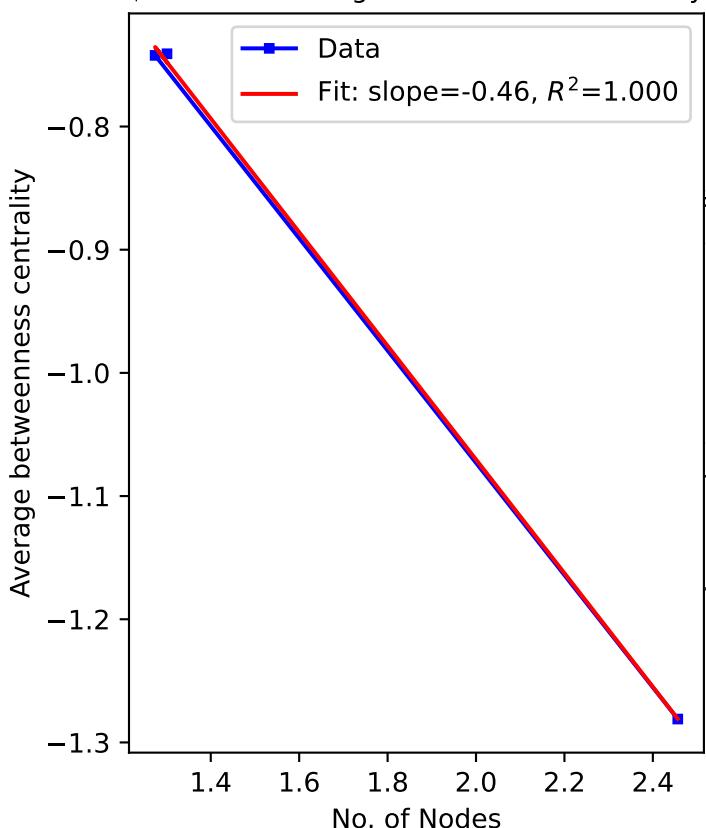




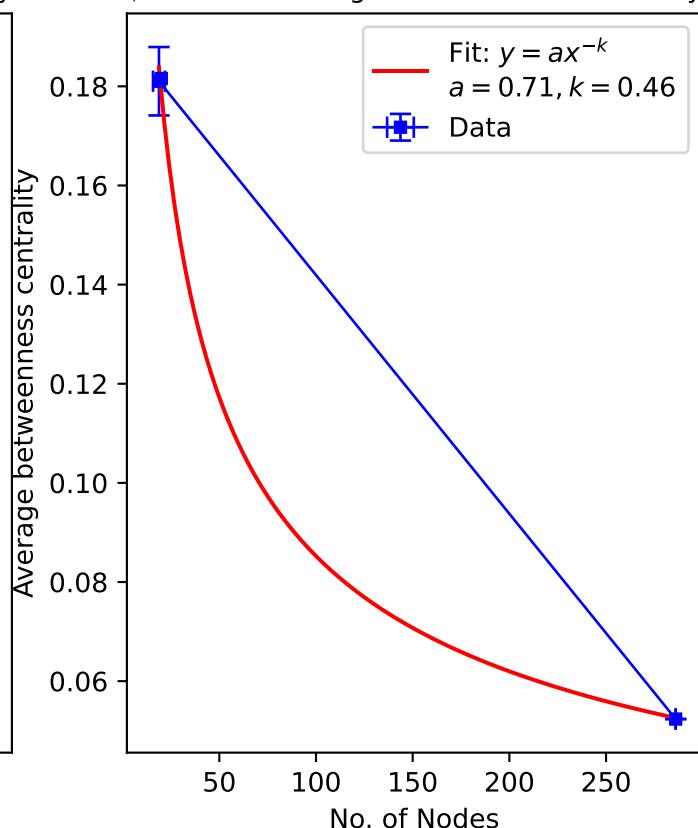




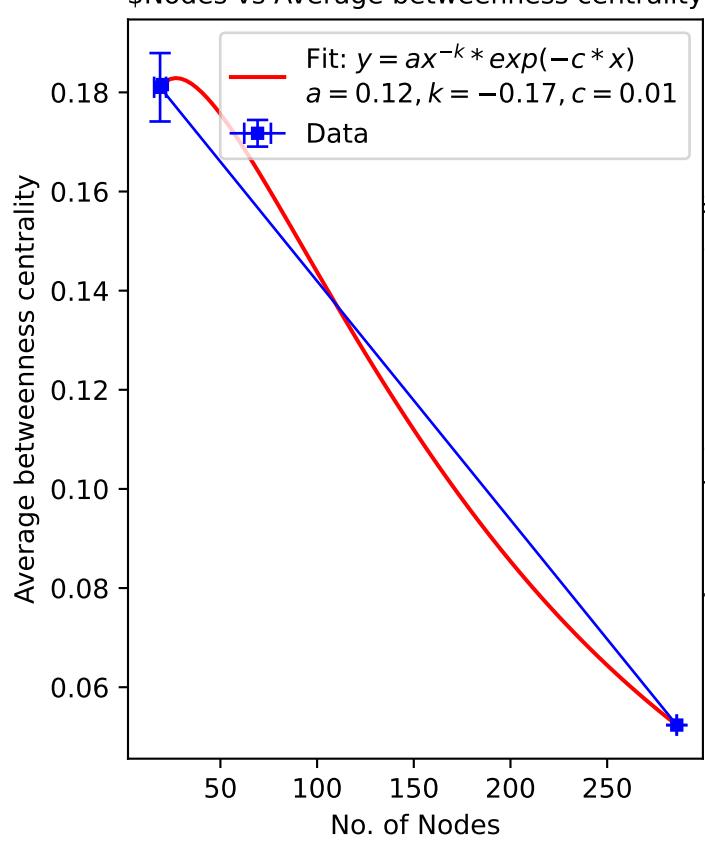
Log-Log Plot of \$Nodes vs Average betweenness centrality



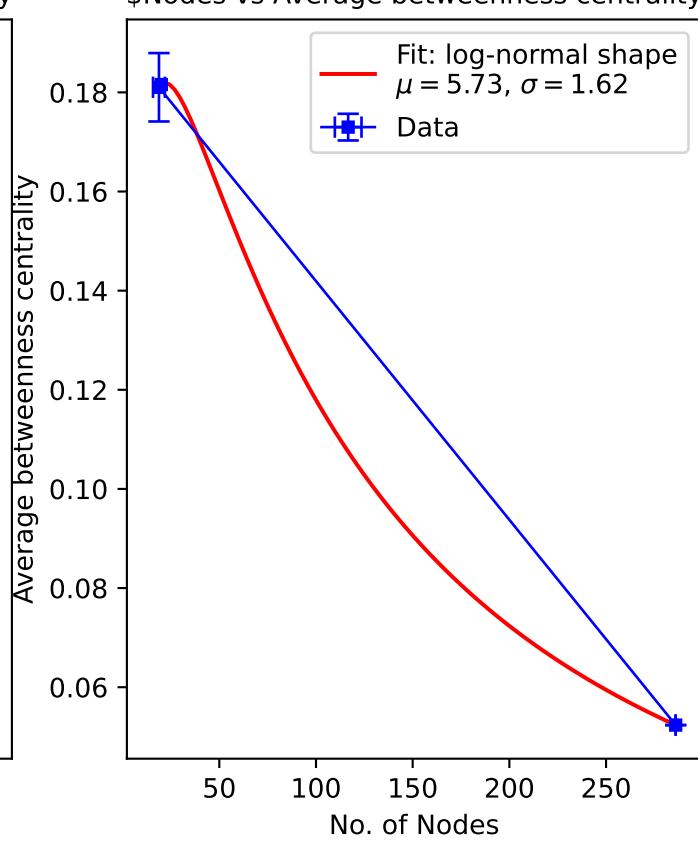
Power Law Fit and Plot of \$Nodes vs Average betweenness centrality



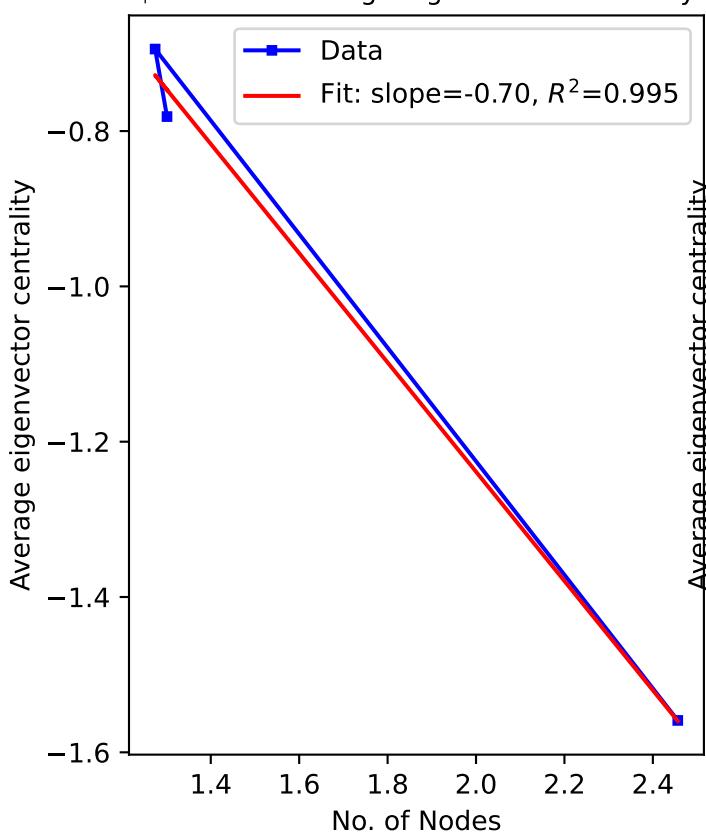
Truncated Power Law Fit and Plot of \$Nodes vs Average betweenness centrality



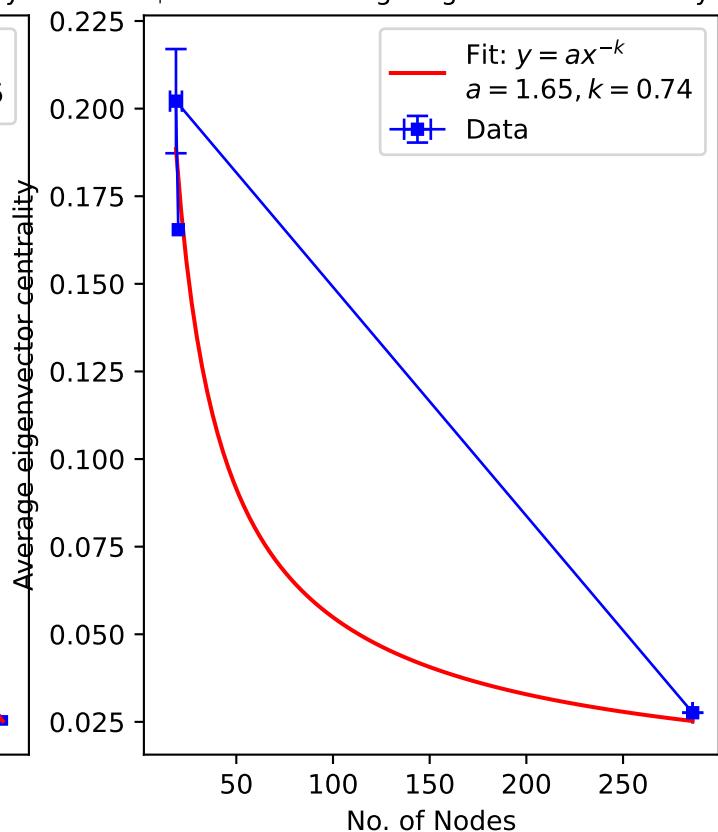
Log-Normal Fit and Plot of \$Nodes vs Average betweenness centrality



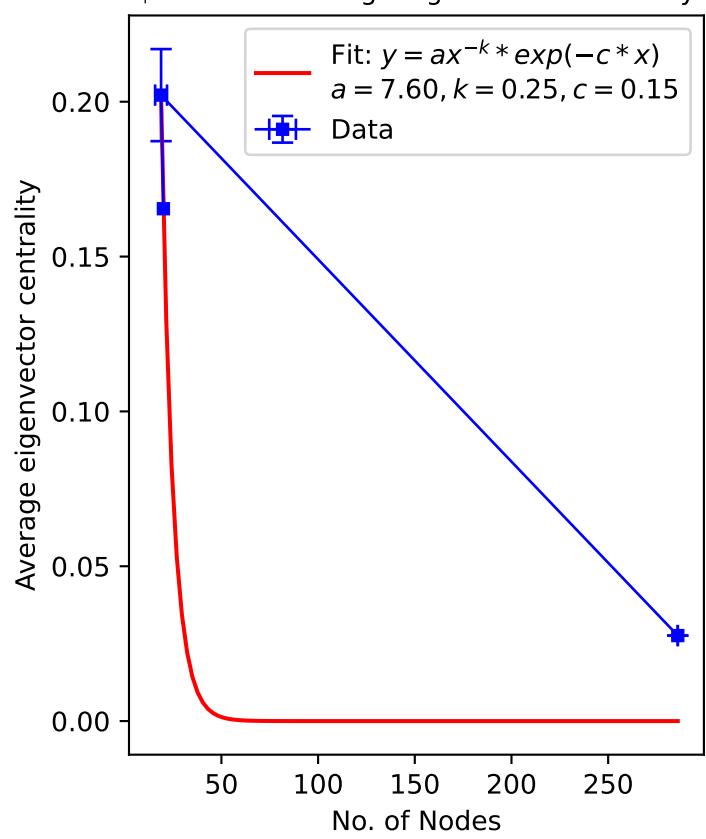
Log-Log Plot of \$Nodes vs Average eigenvector centrality

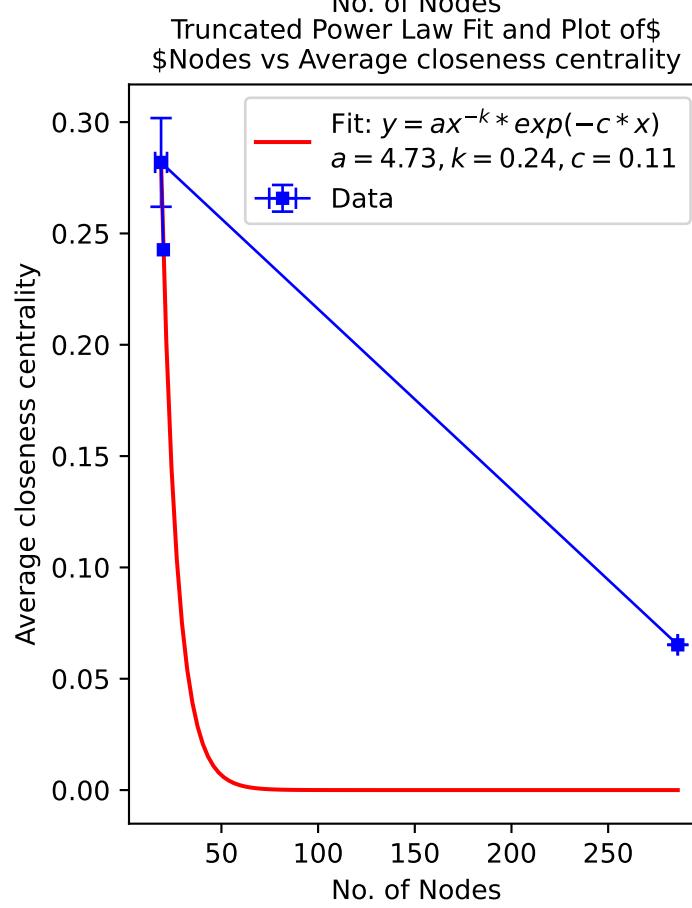
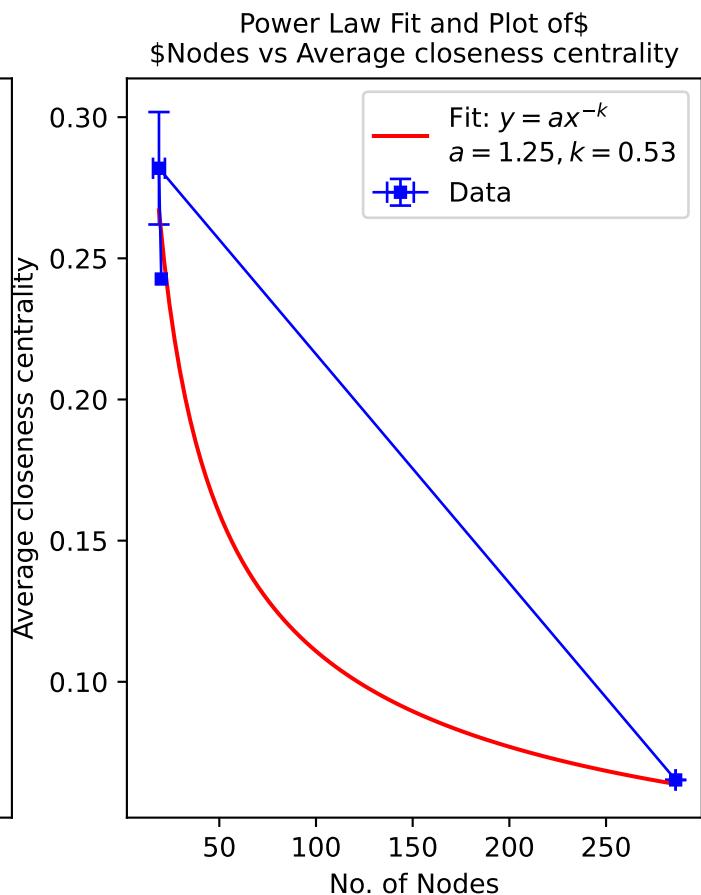
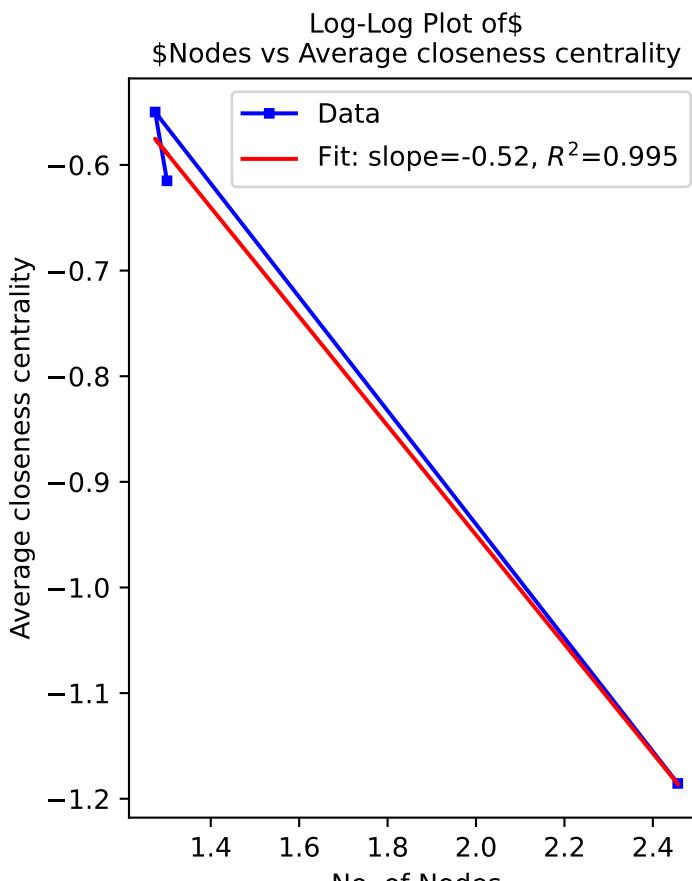


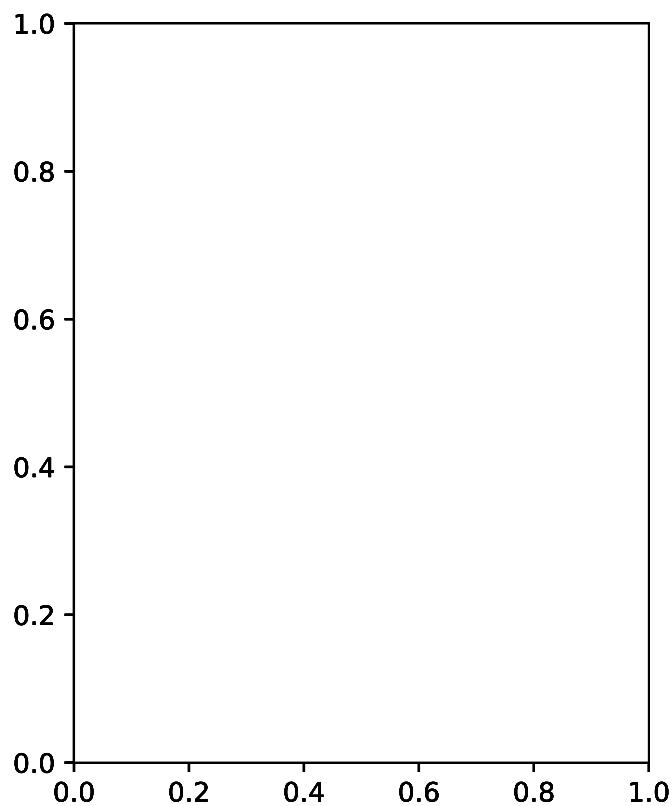
Power Law Fit and Plot of \$Nodes vs Average eigenvector centrality

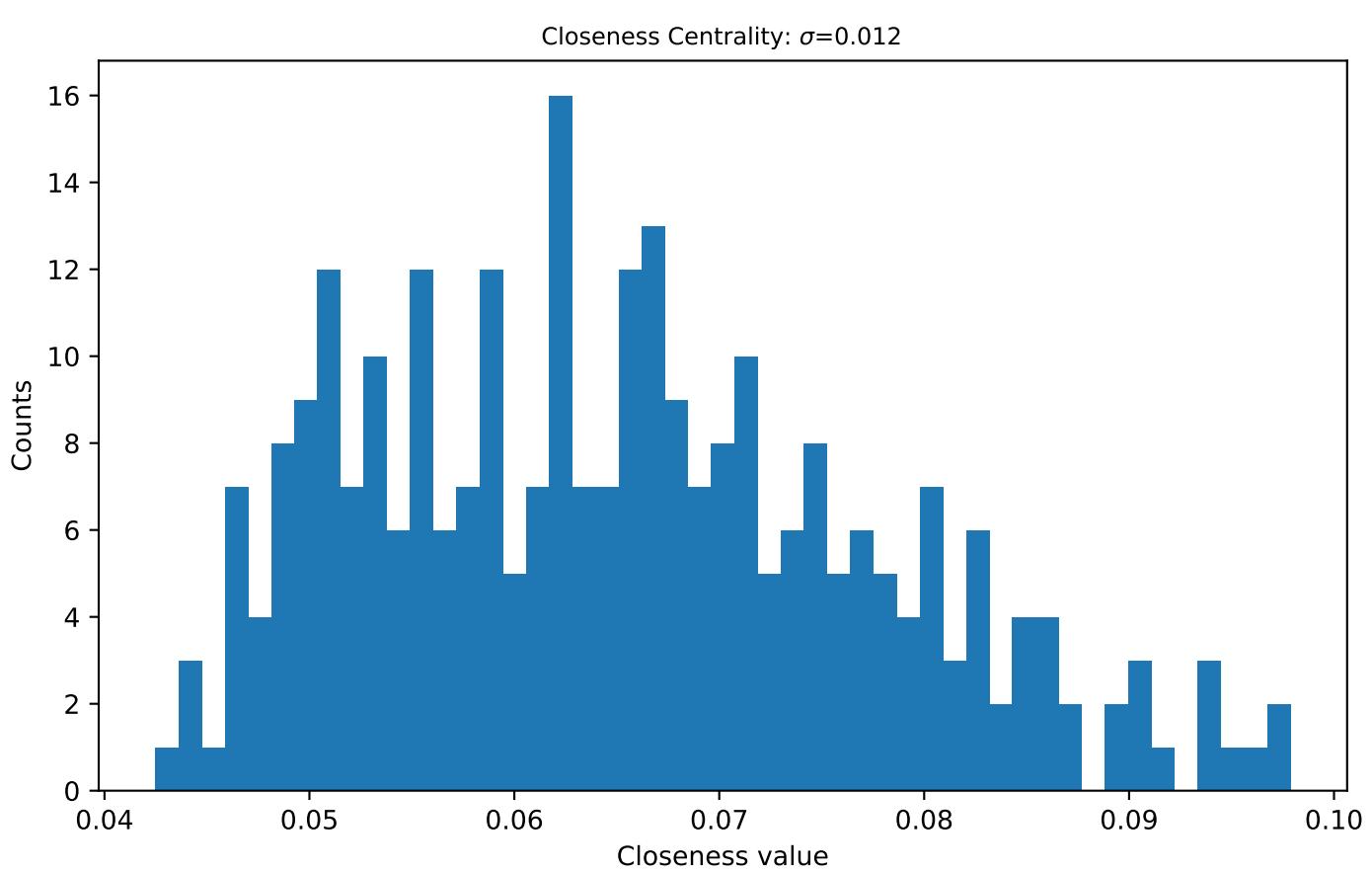
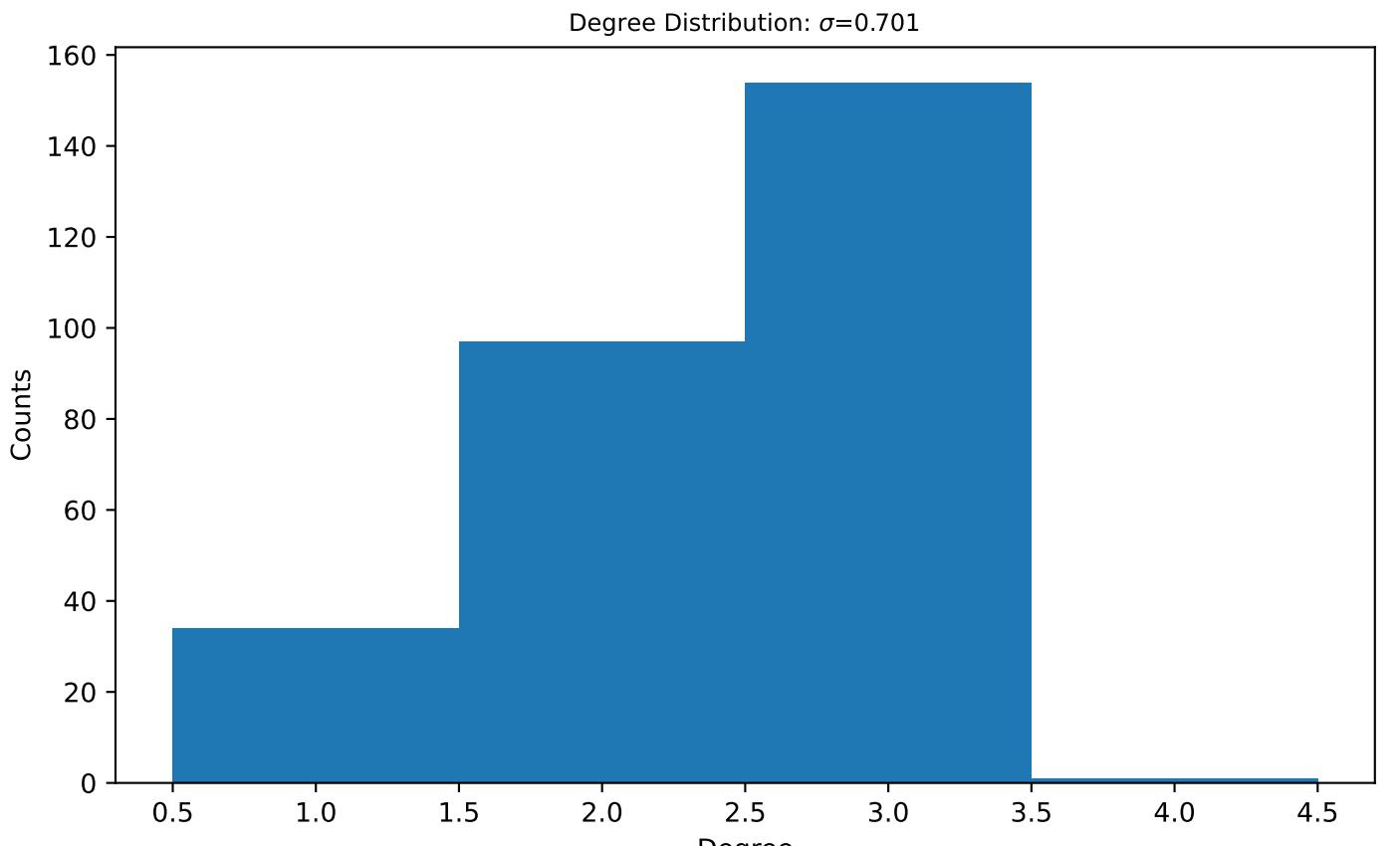


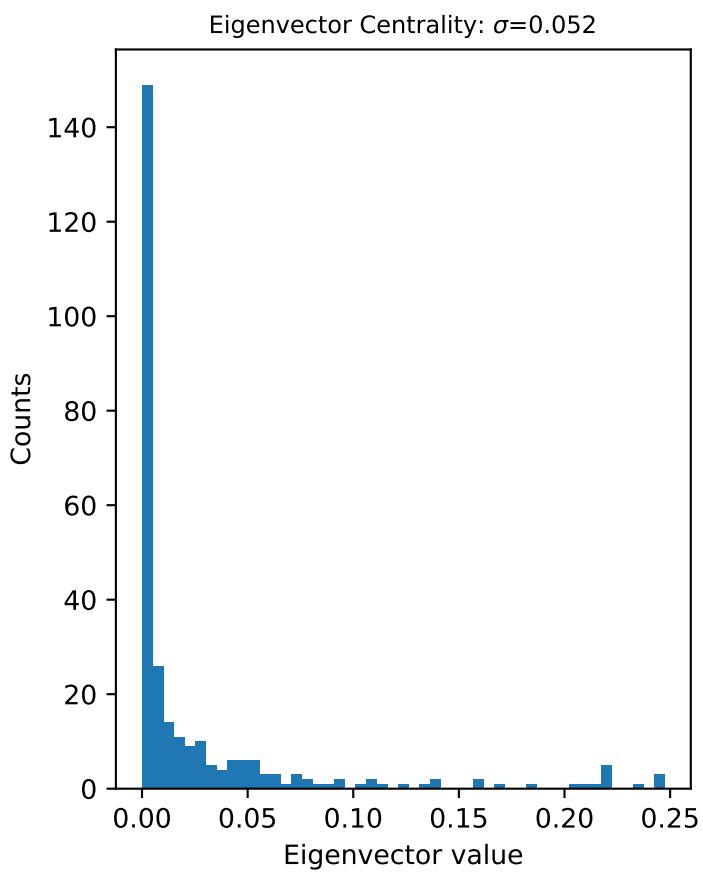
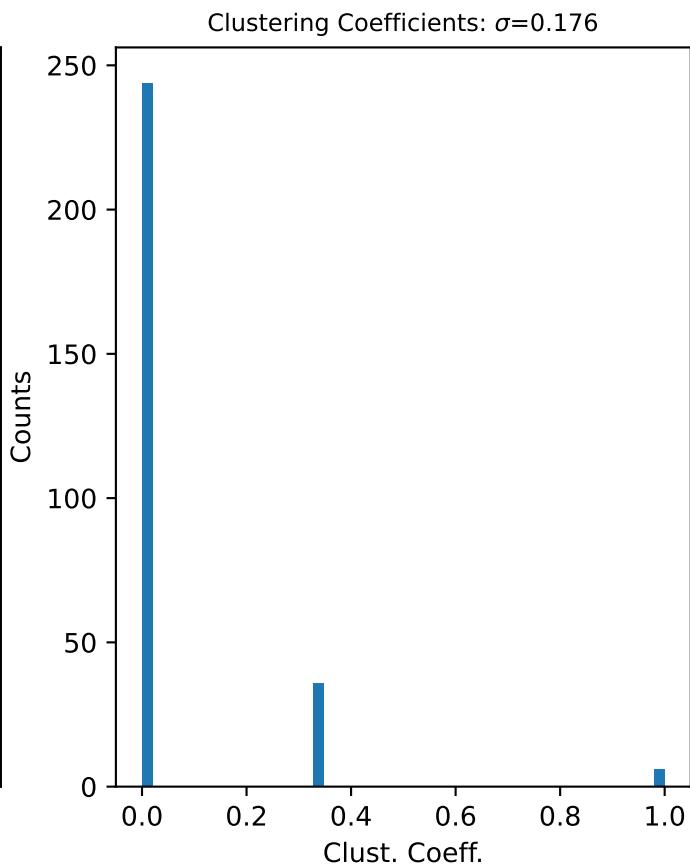
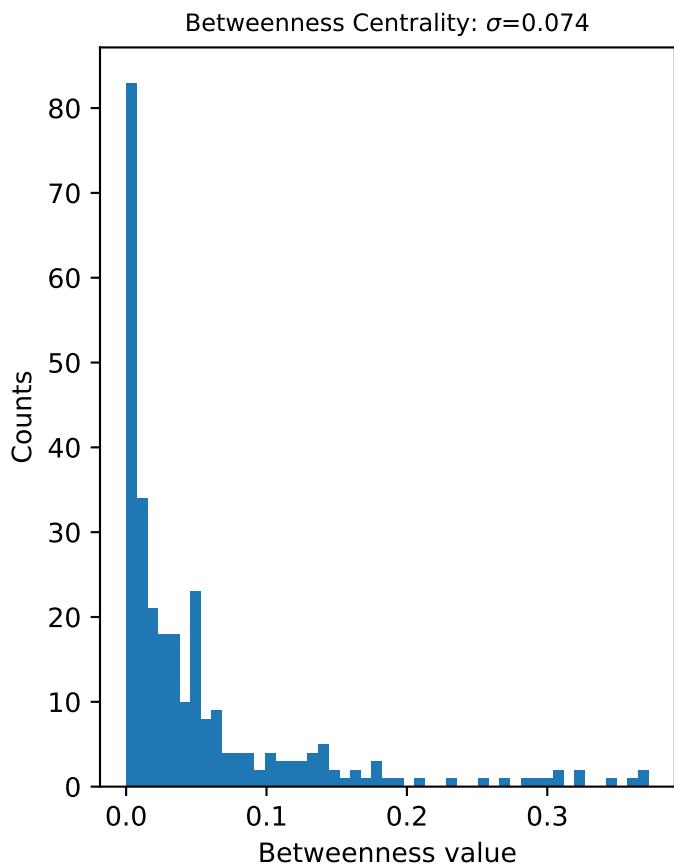
Truncated Power Law Fit and Plot of \$Nodes vs Average eigenvector centrality



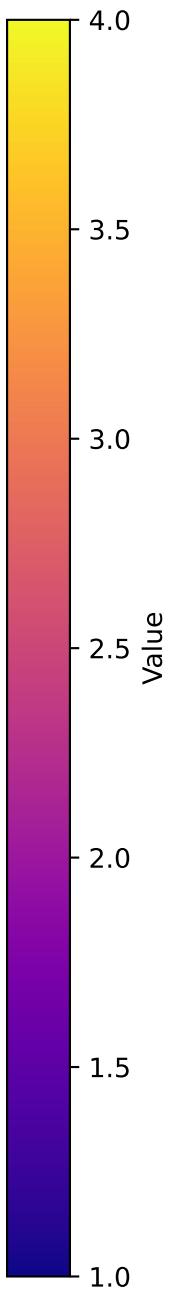
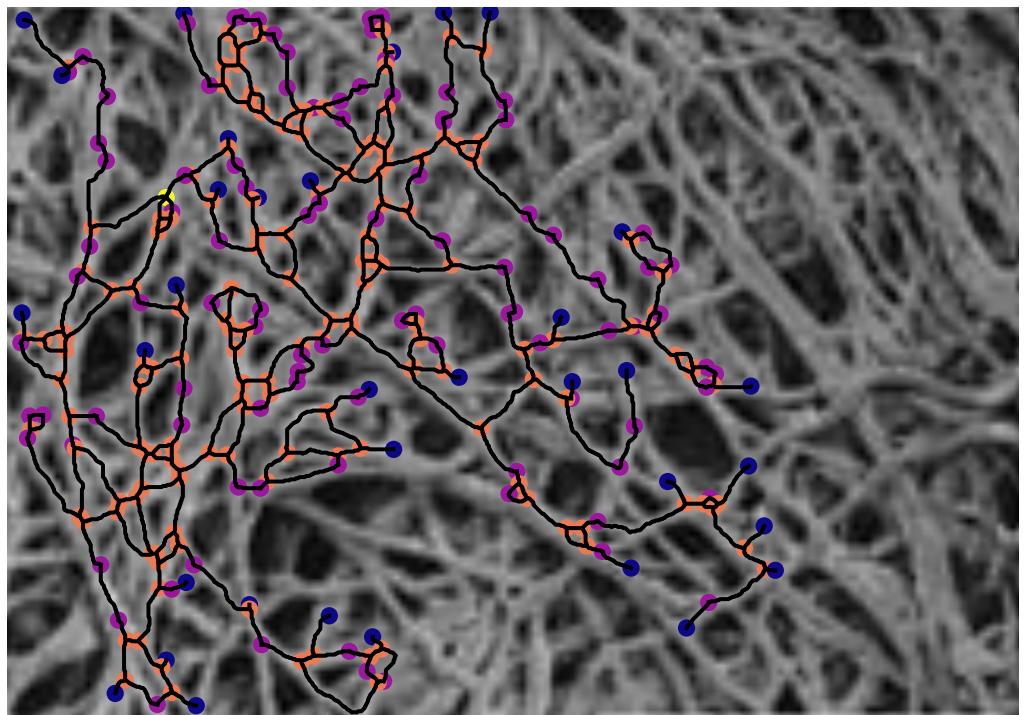




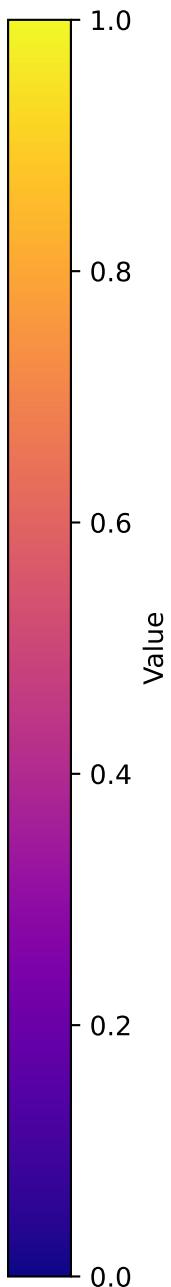
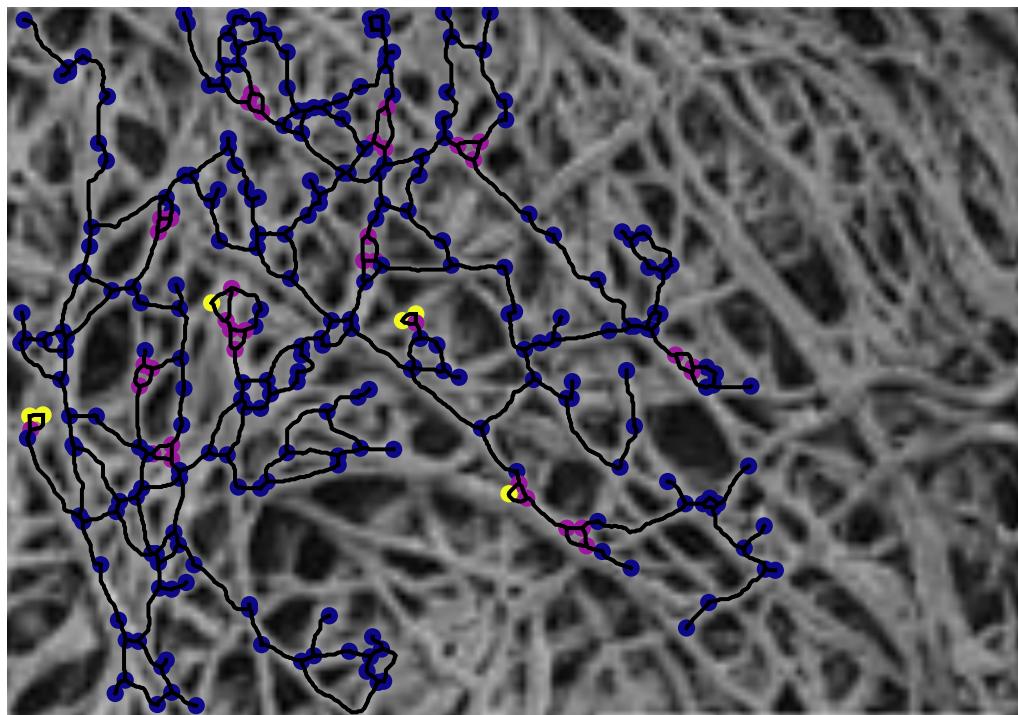




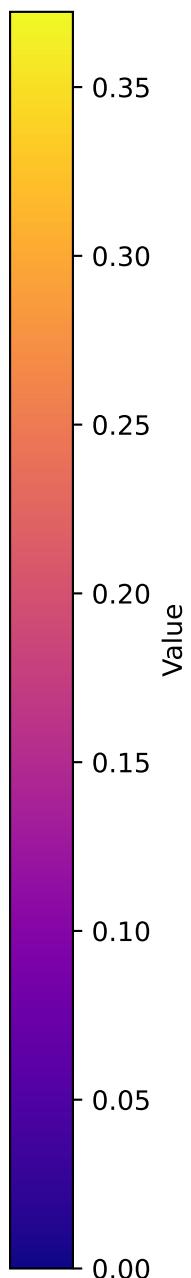
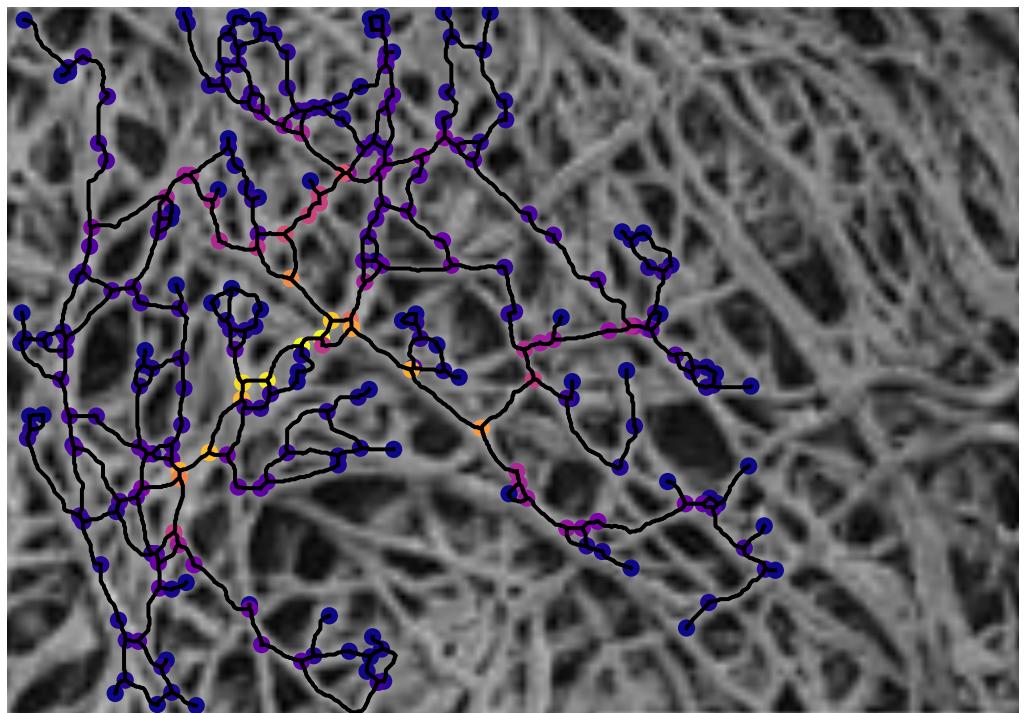
Degree Heatmap



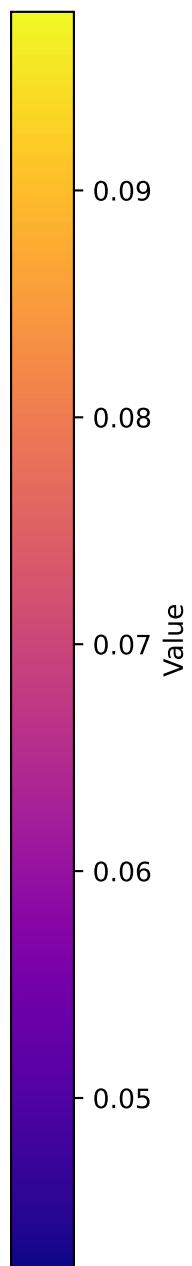
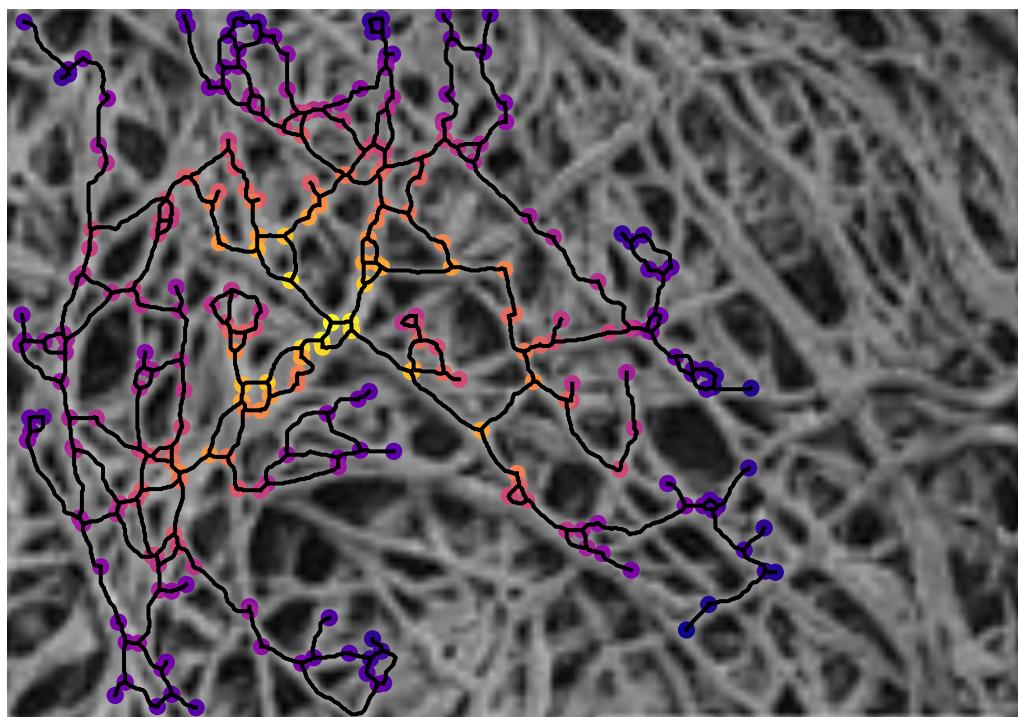
Clustering Coefficient Heatmap



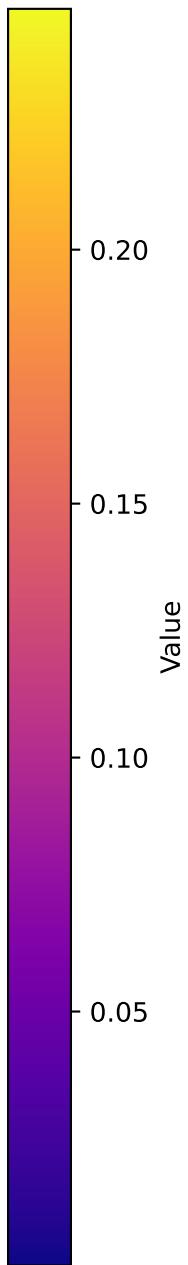
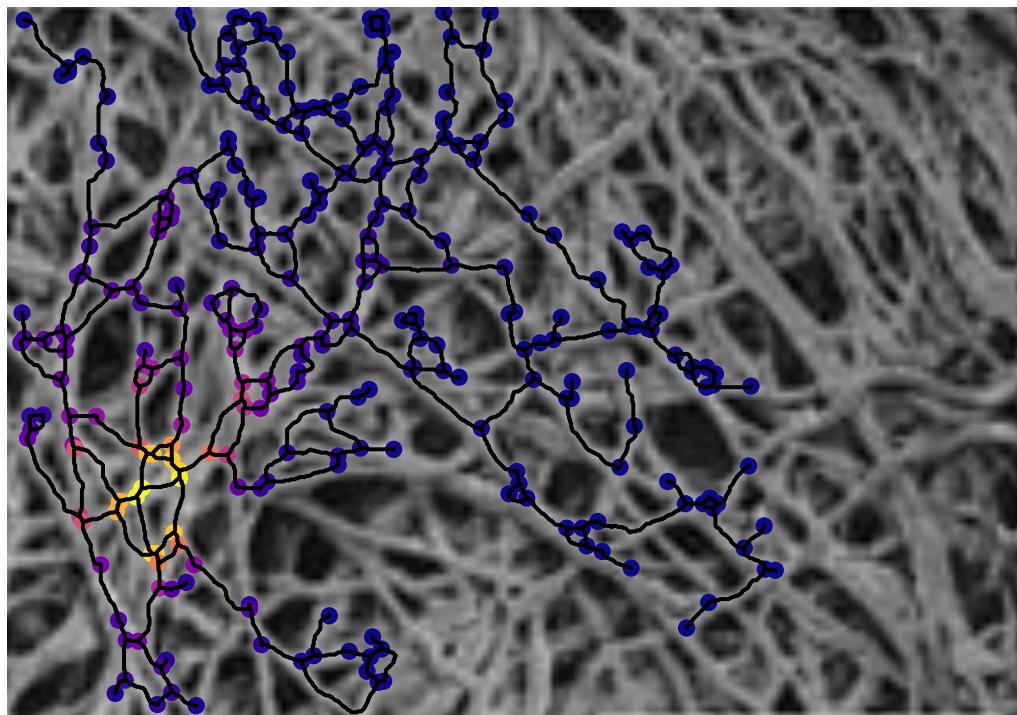
Betweenness Centrality Heatmap



Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Run Info

InVitroBioFilm.png
2025-06-17 15:56:33

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
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Remove Objects of Size = 500 || Remove Self Loops