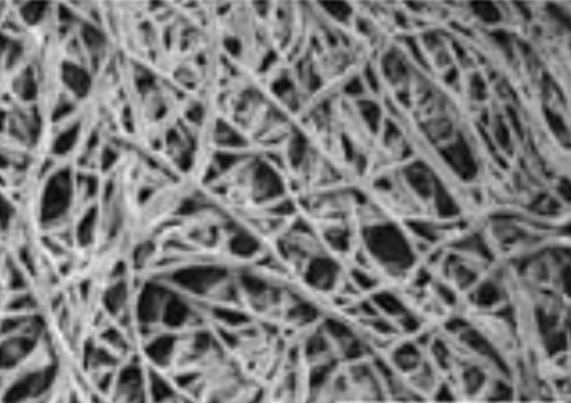
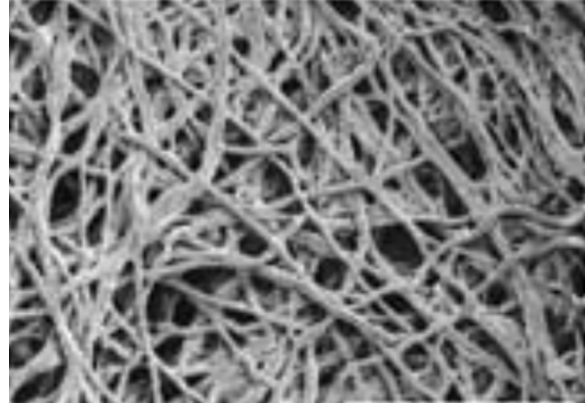


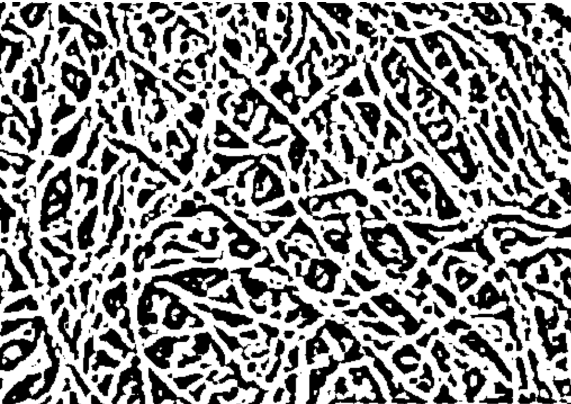
Original Image



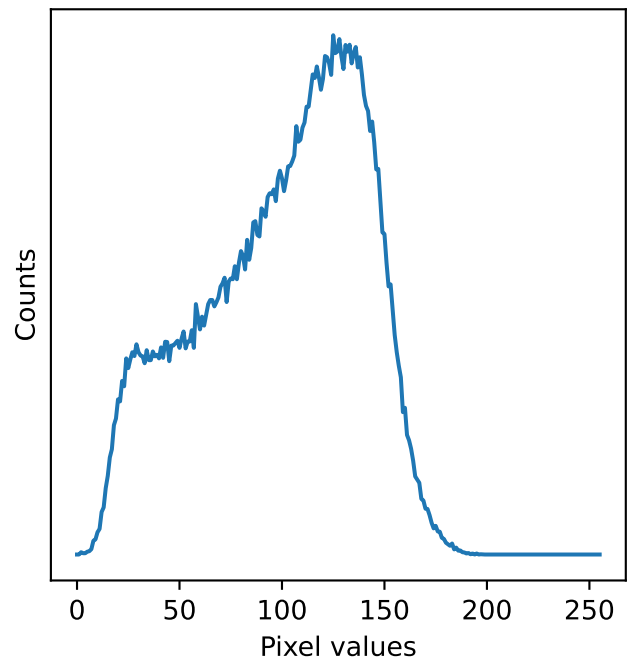
Processed Image



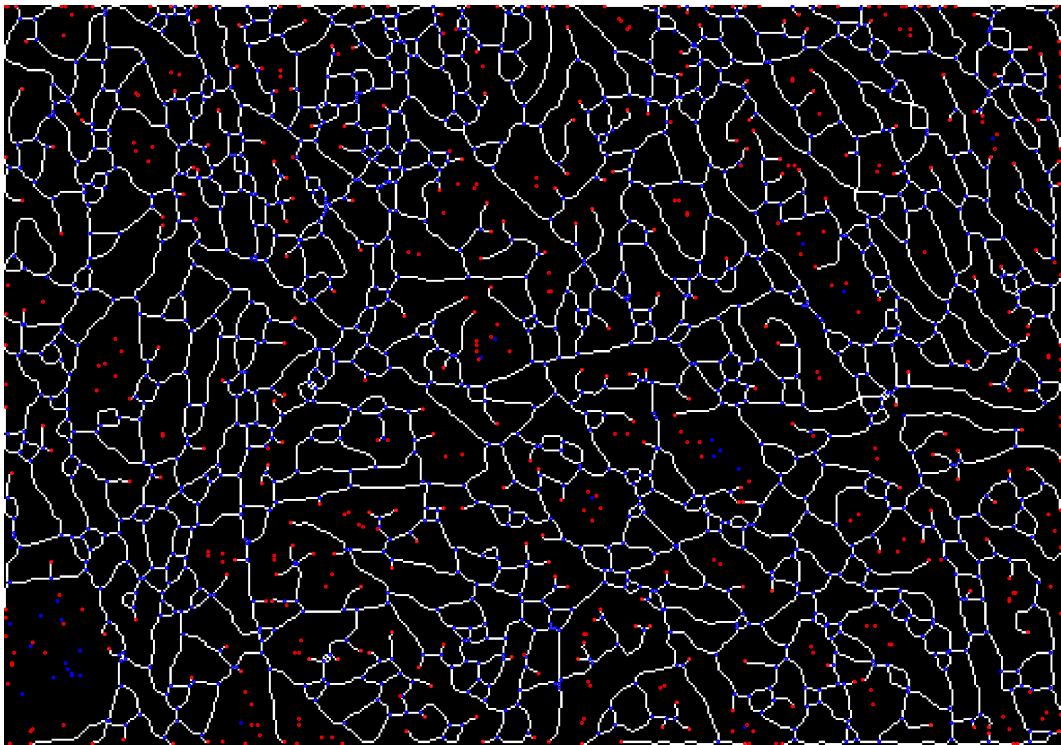
Binary Image



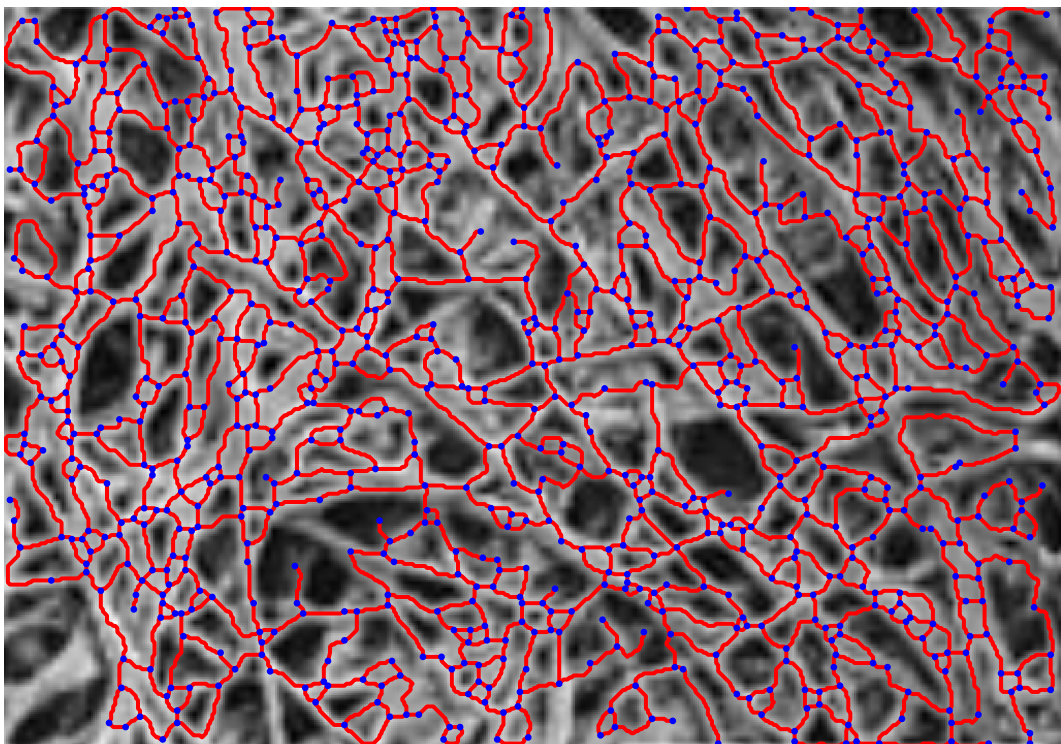
Histogram of Processed Image



Skeletal Image



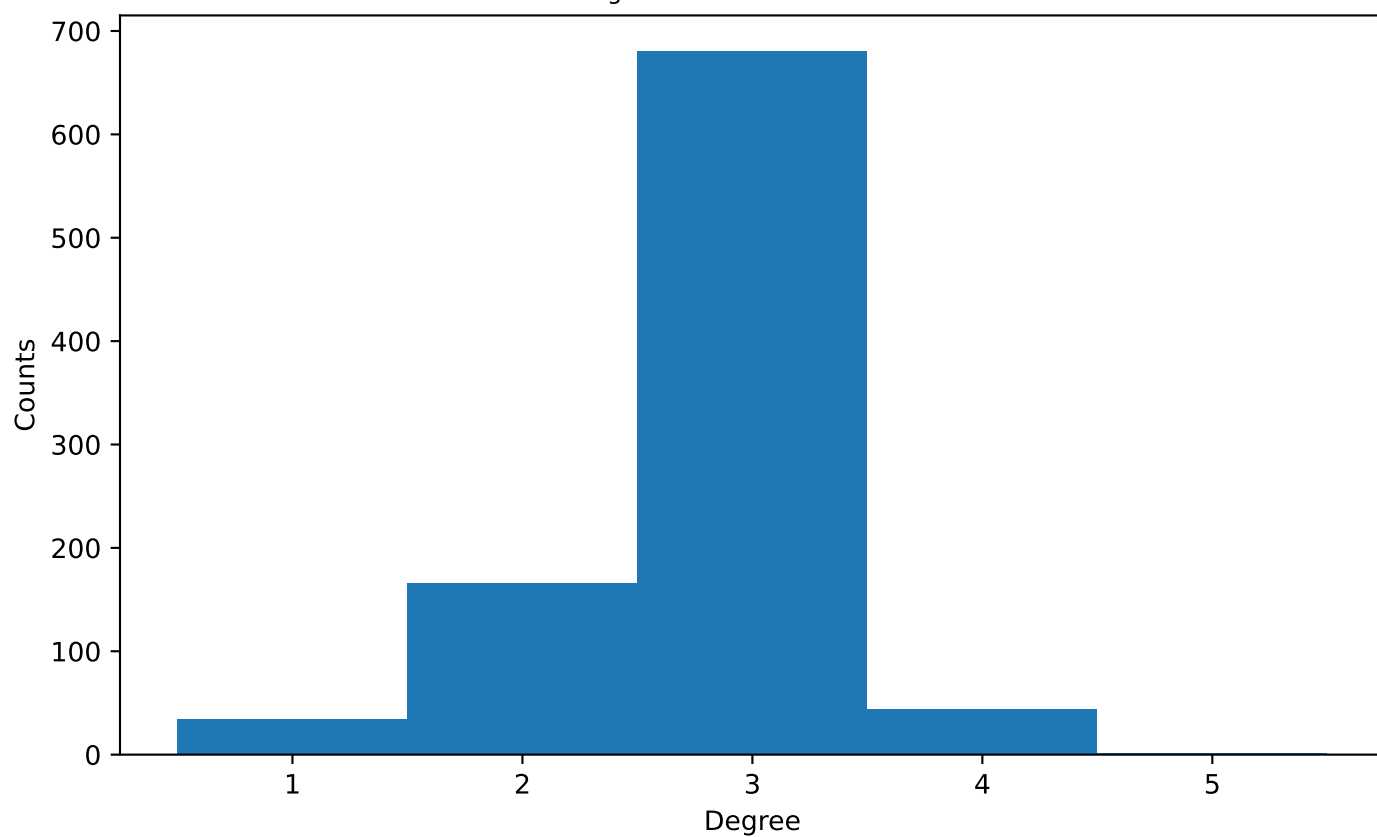
Final Graph



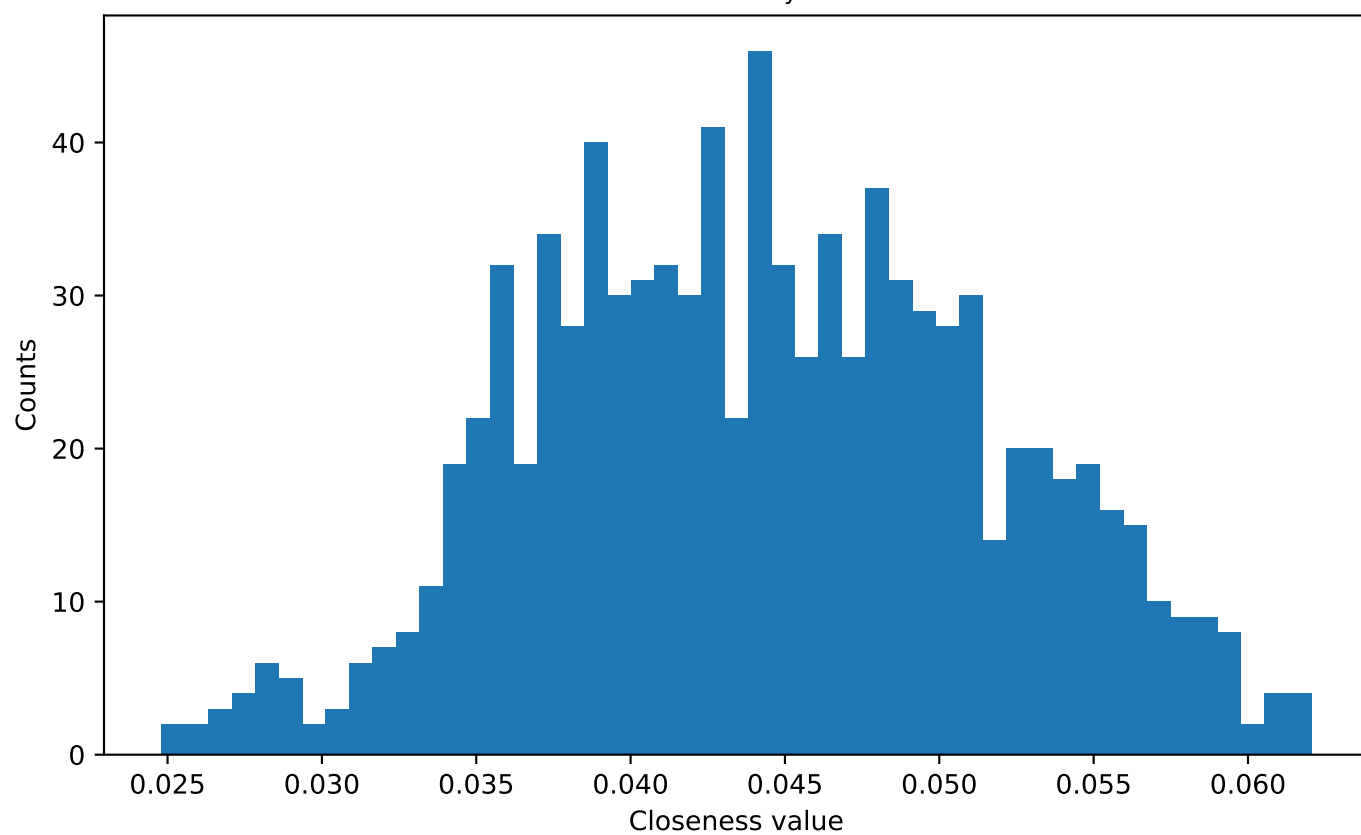
Unweighted GT parameters

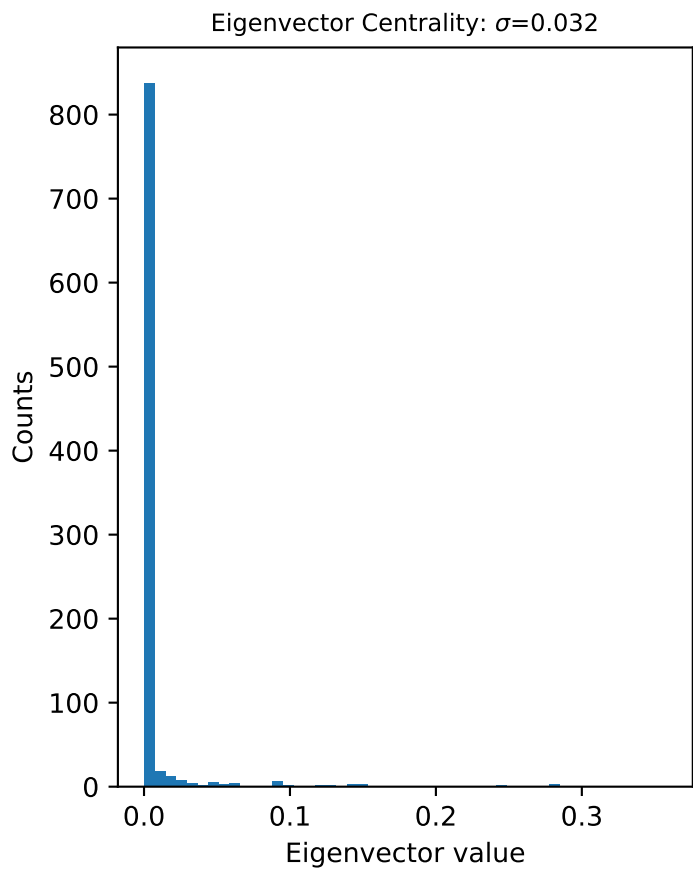
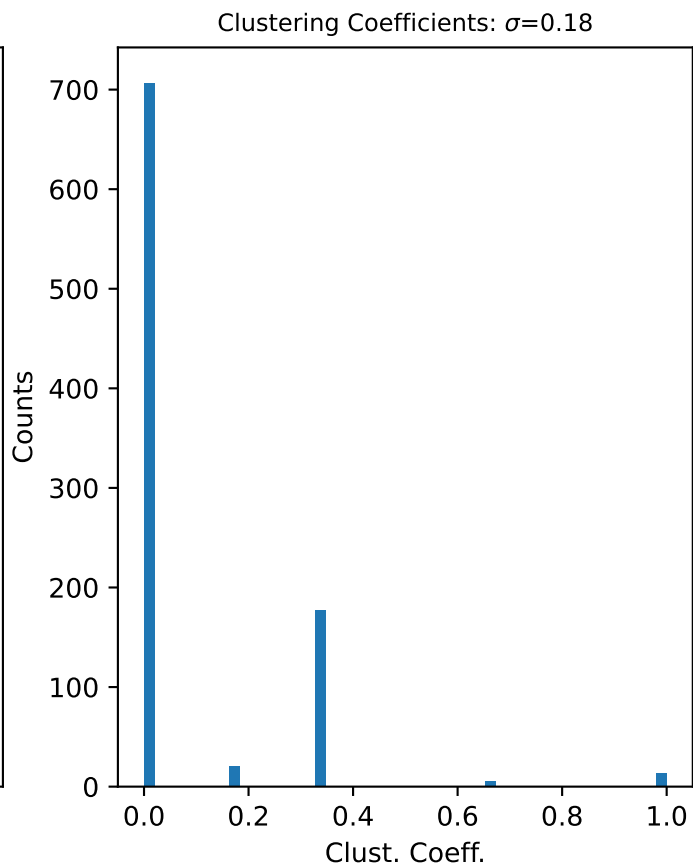
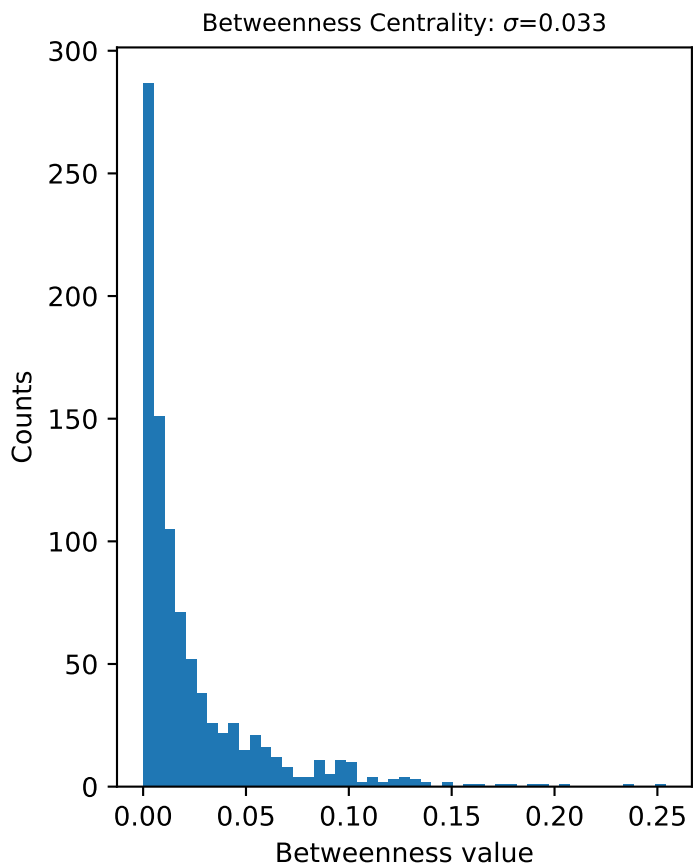
Number of nodes	926.0
Number of edges	1295.0
Average degree	2.79698
Network diameter	63.0
Average node connectivity	2.21126
Graph density	0.00302
Global efficiency	0.06342
Wiener Index	9936836.0
Assortativity coefficient	0.06238
Average clustering coefficient	0.08704
Average betweenness centrality	0.02403
Average eigenvector centrality	0.00734
Average closeness centrality	0.04439

Degree Distribution: $\sigma=0.581$

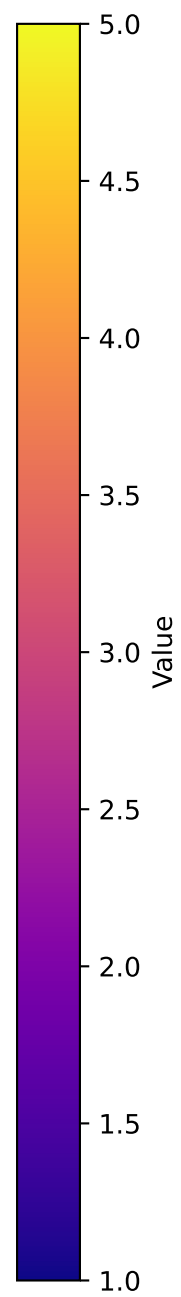
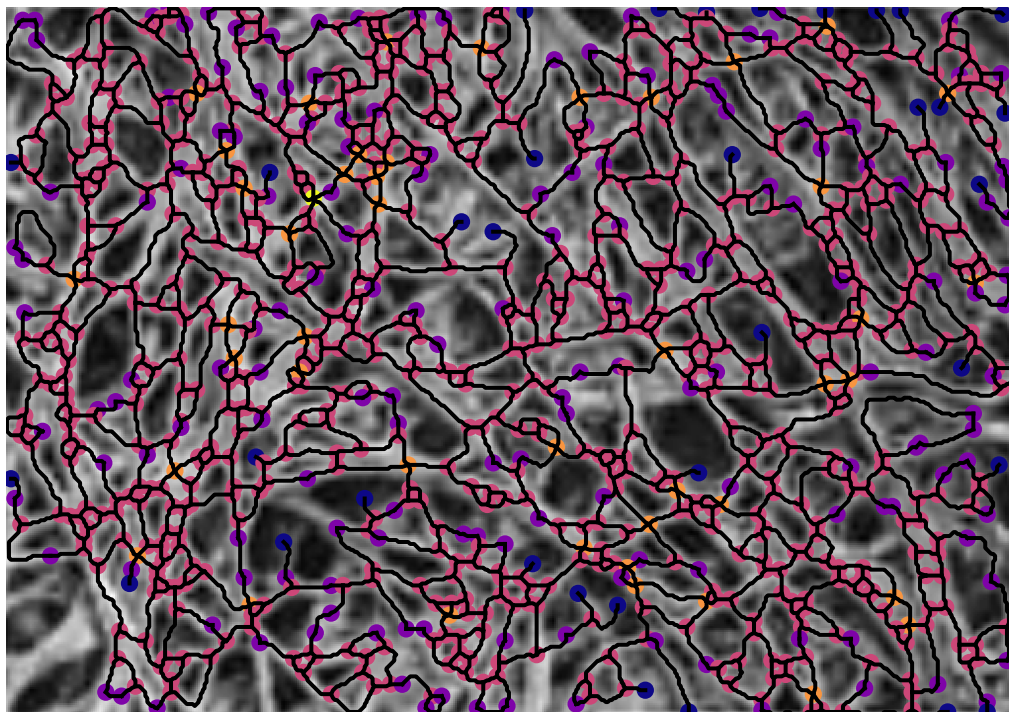


Closeness Centrality: $\sigma=0.007$

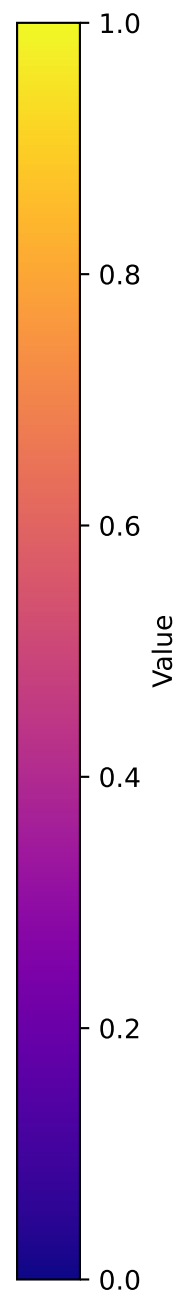
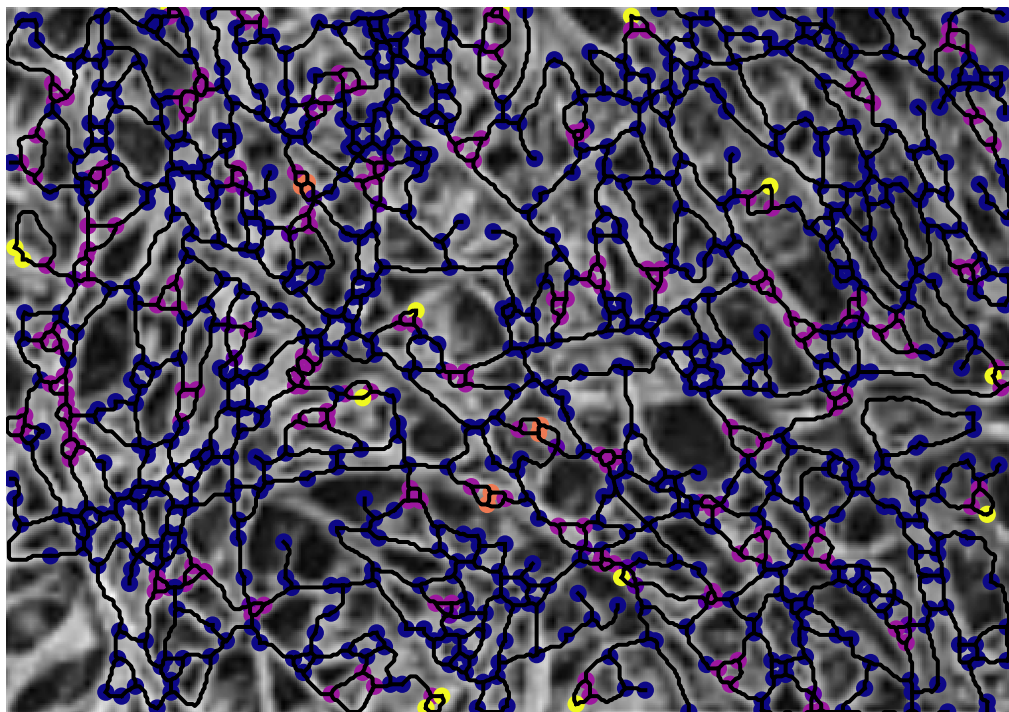




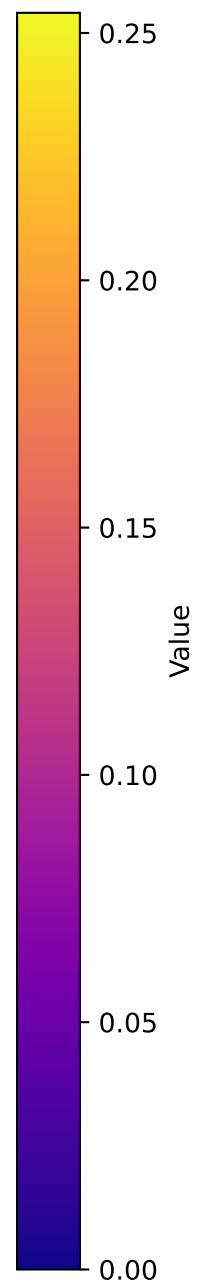
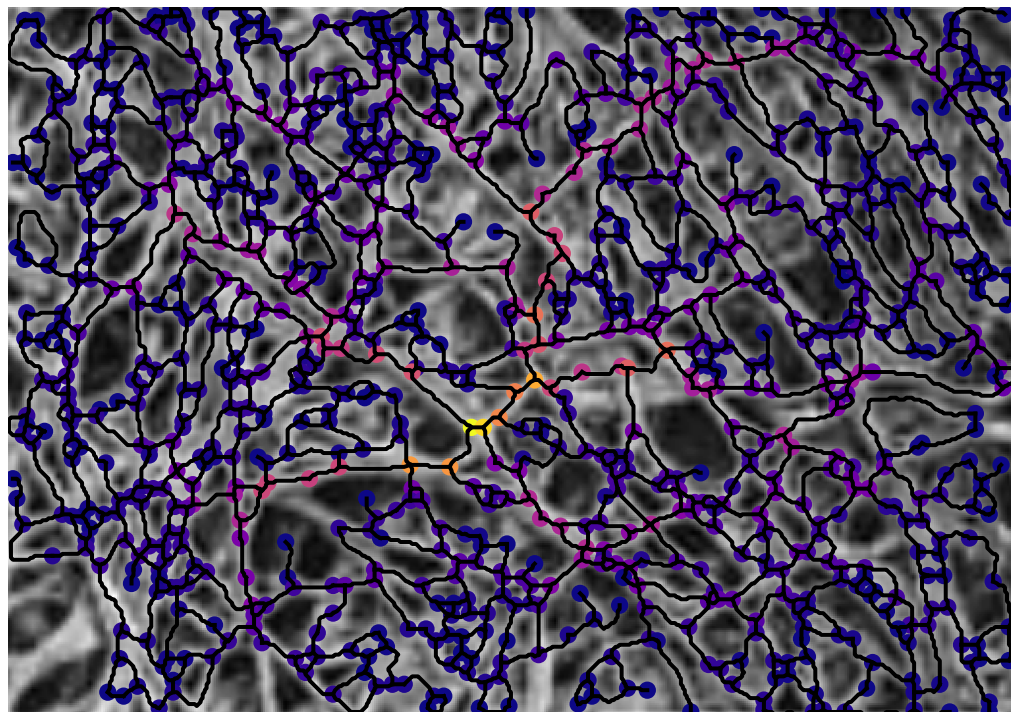
Degree Heatmap



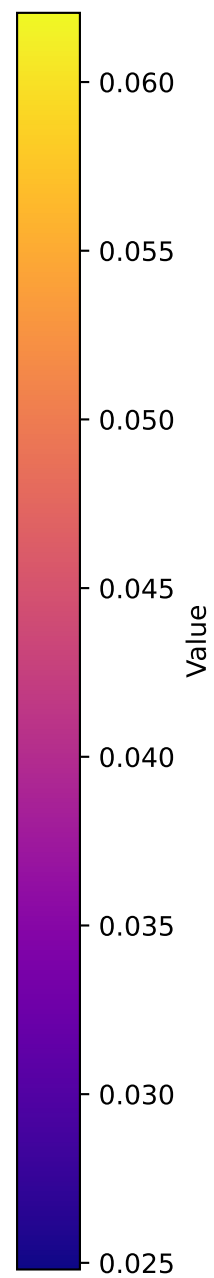
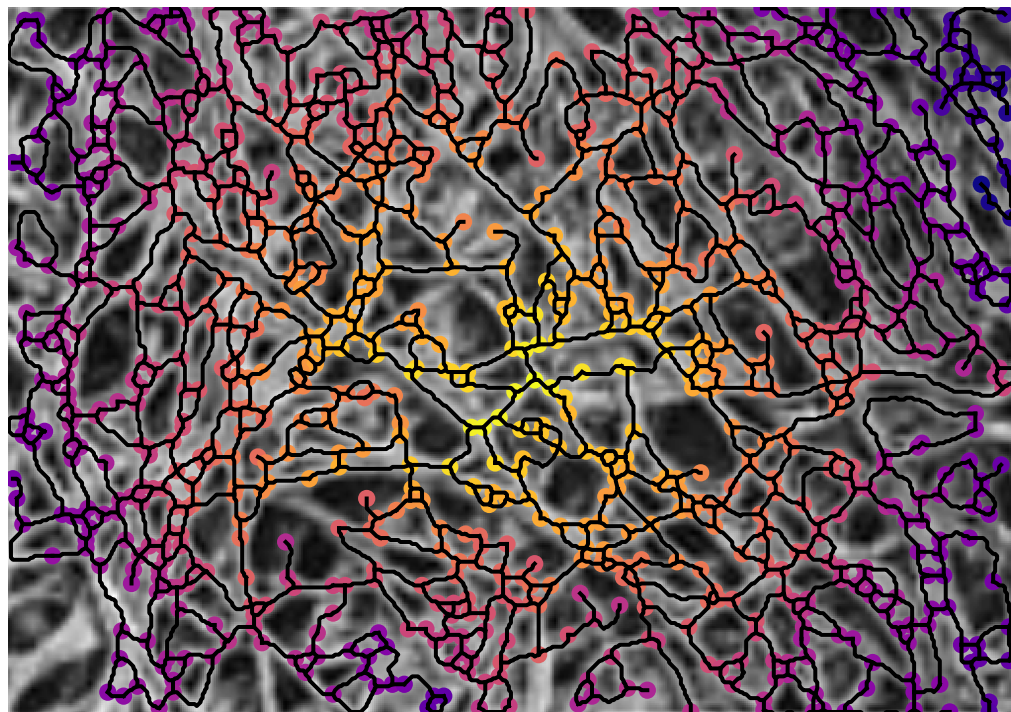
Clustering Coefficient Heatmap



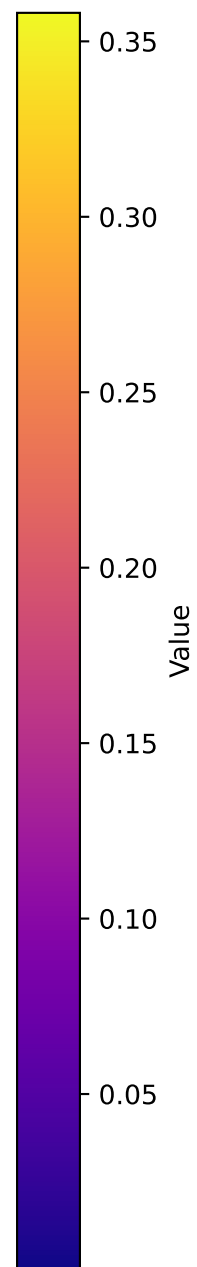
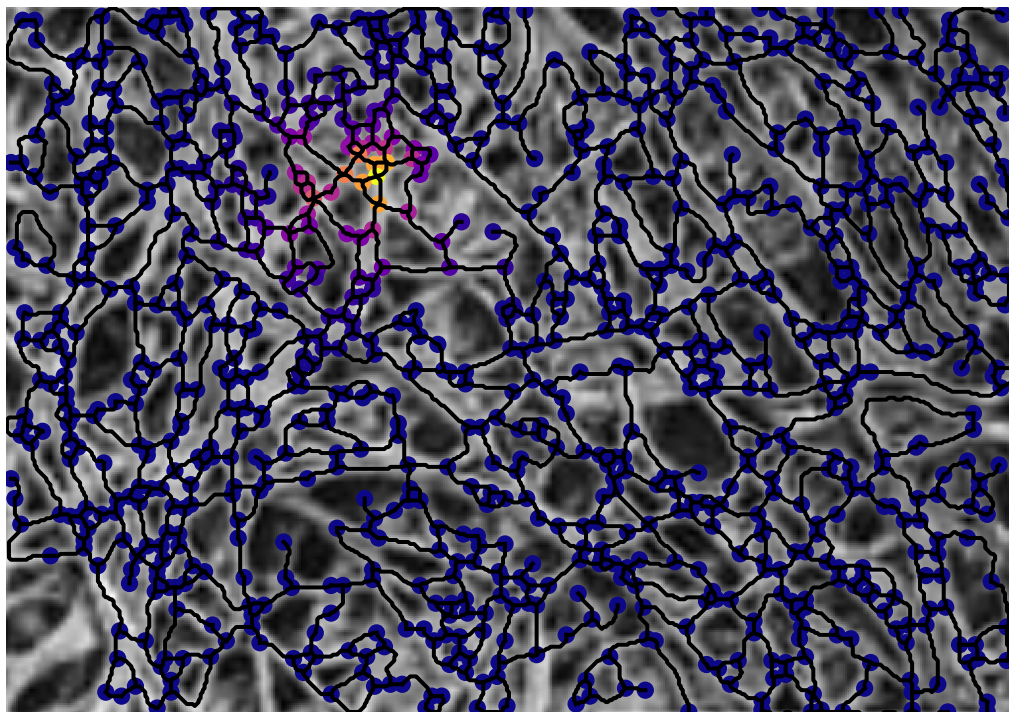
Betweenness Centrality Heatmap



Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Run Info

InVitroBioFilm.png
2024-02-29 23:20:00

|| Adaptive Threshold, 21 bit kernel

Merge Nodes || Prune Dangling Edges || Remove Objects of Size 500 || Remove Self Loops