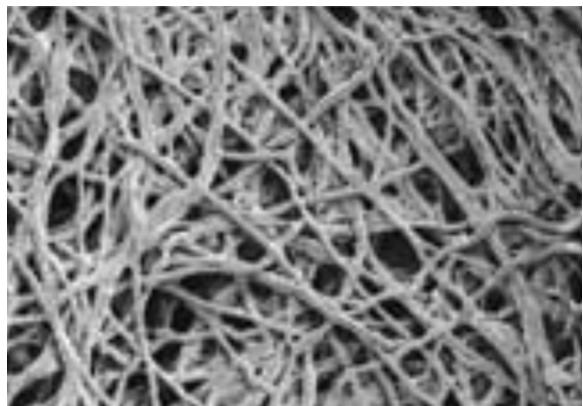
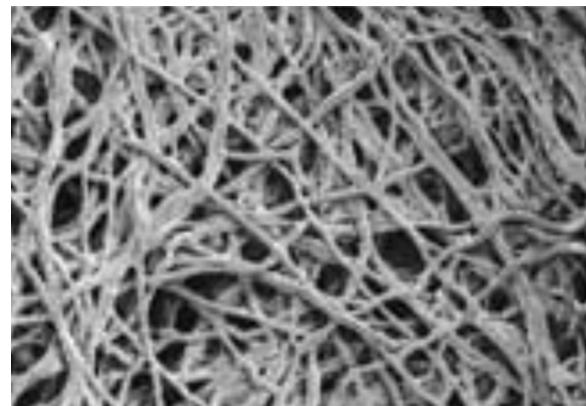


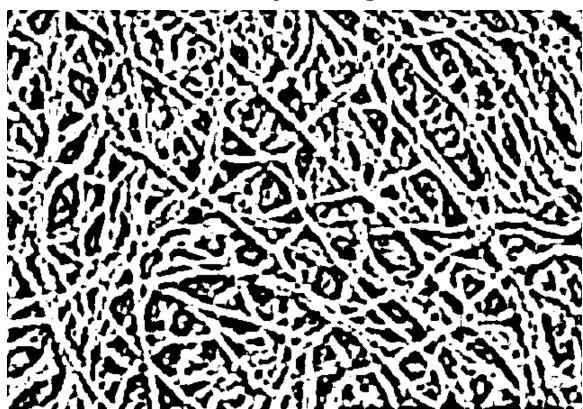
Original Image



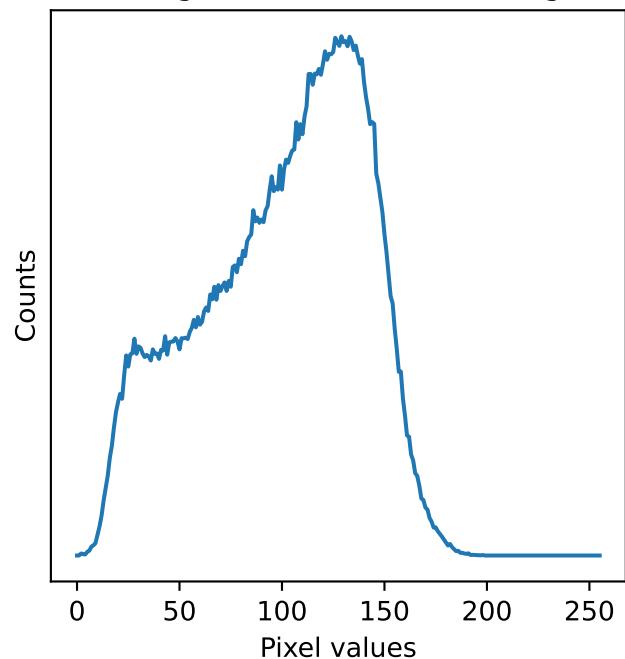
Processed Image



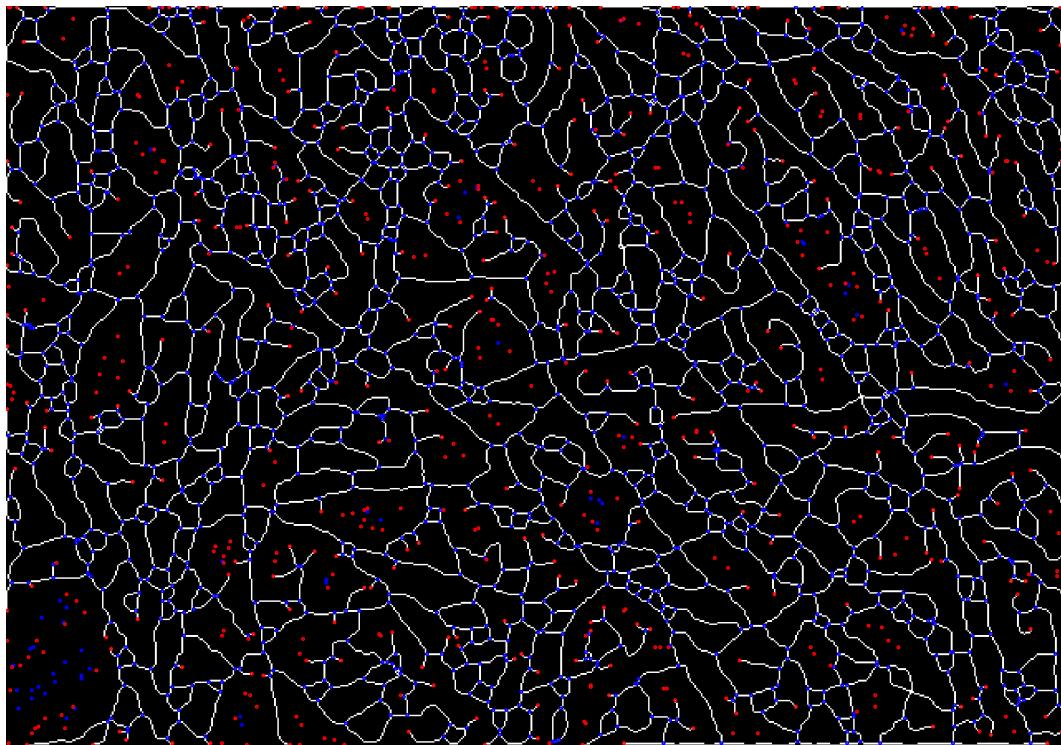
Binary Image



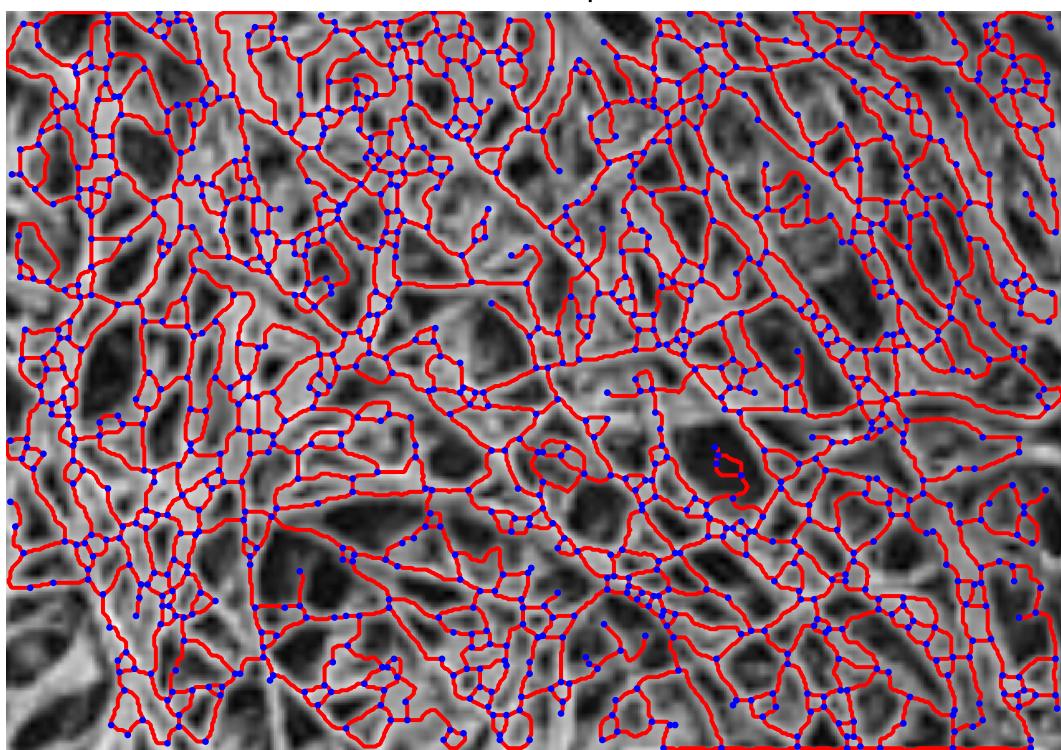
Histogram of Processed Image



Skeletal Image



Final Graph

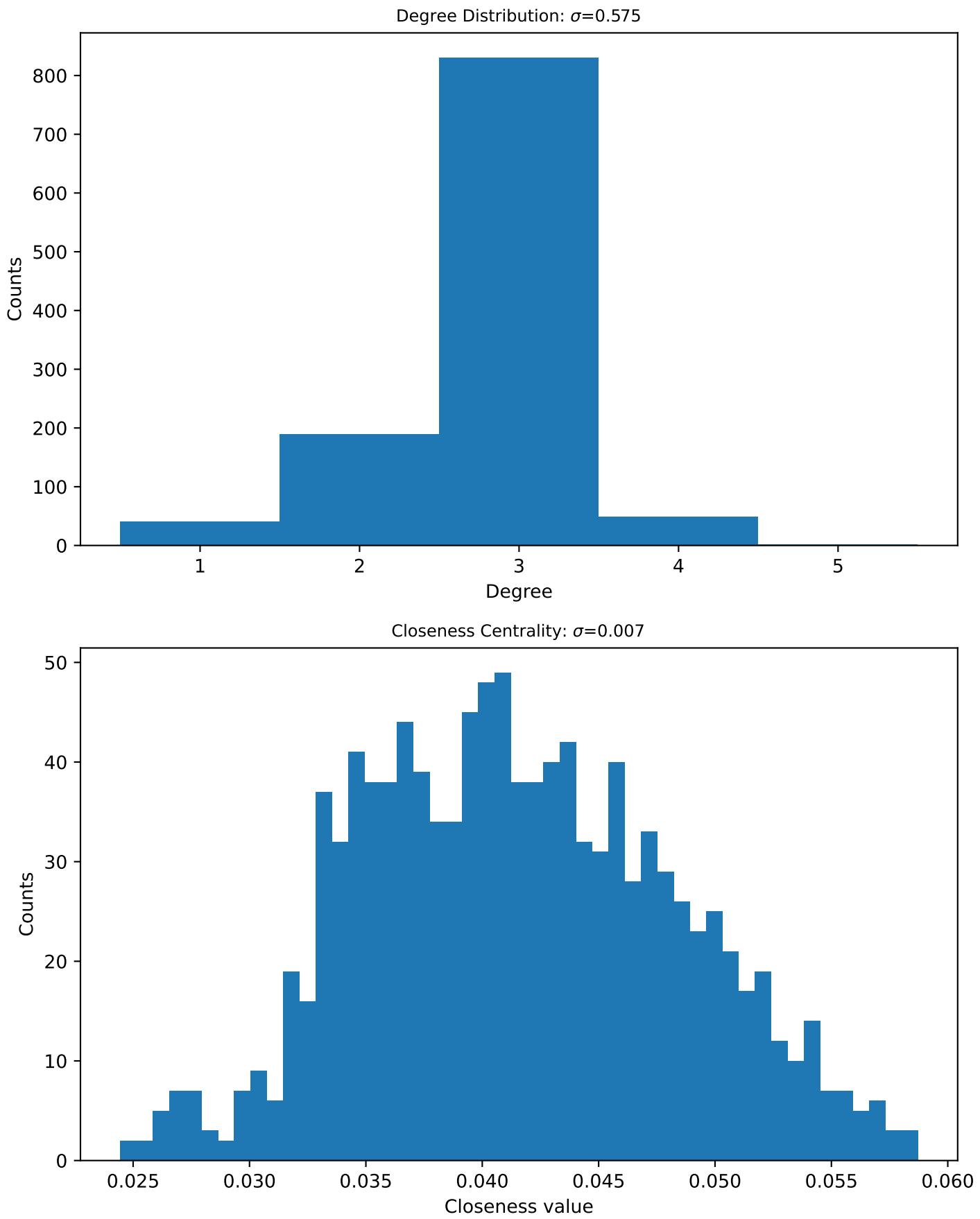


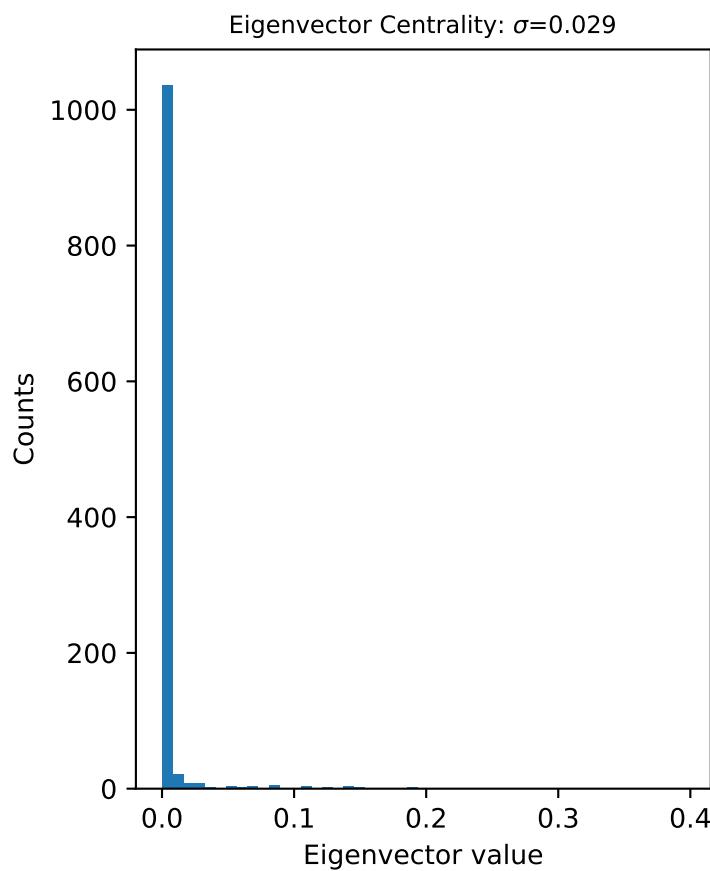
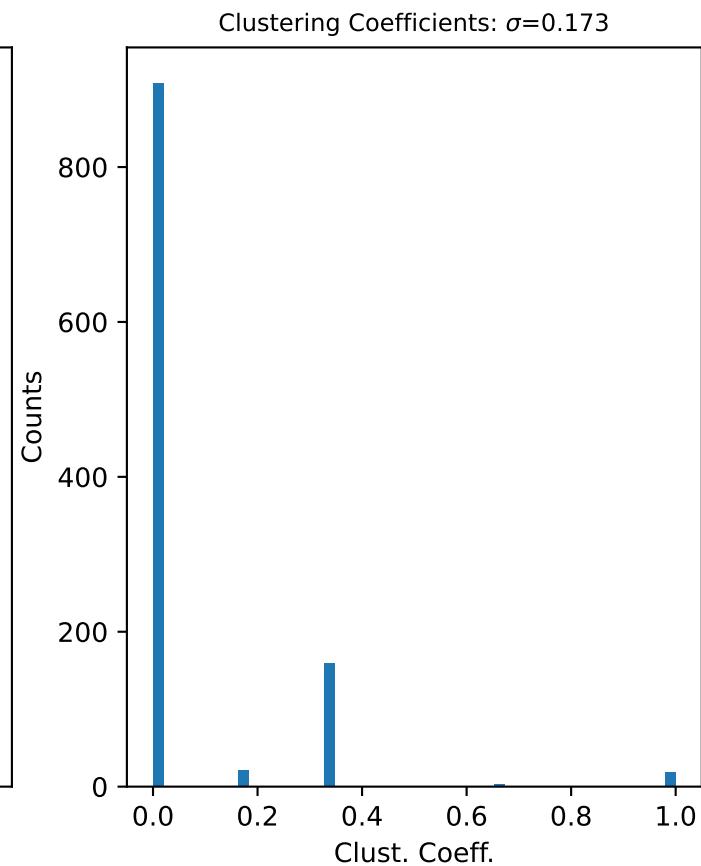
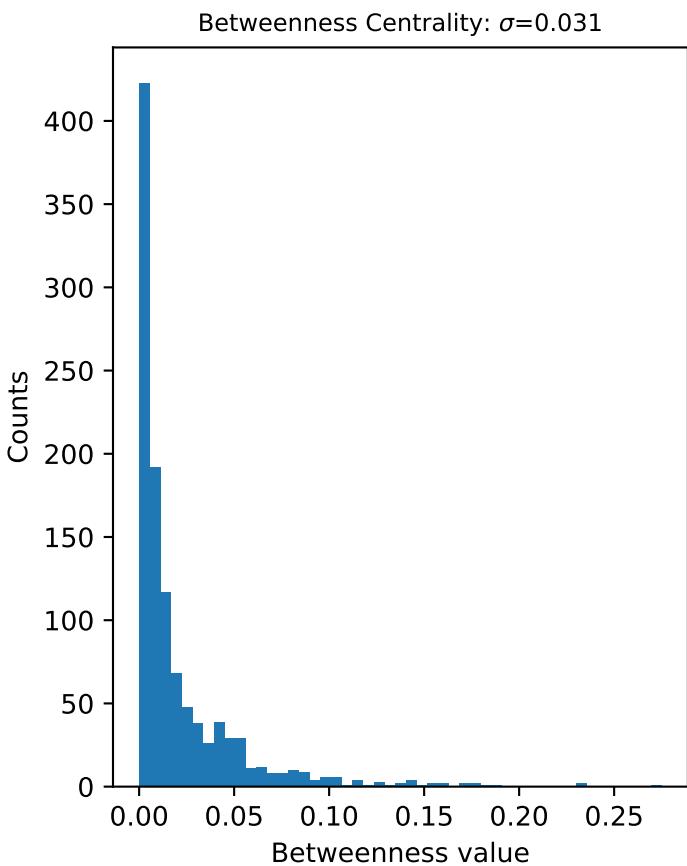
Unweighted GT parameters

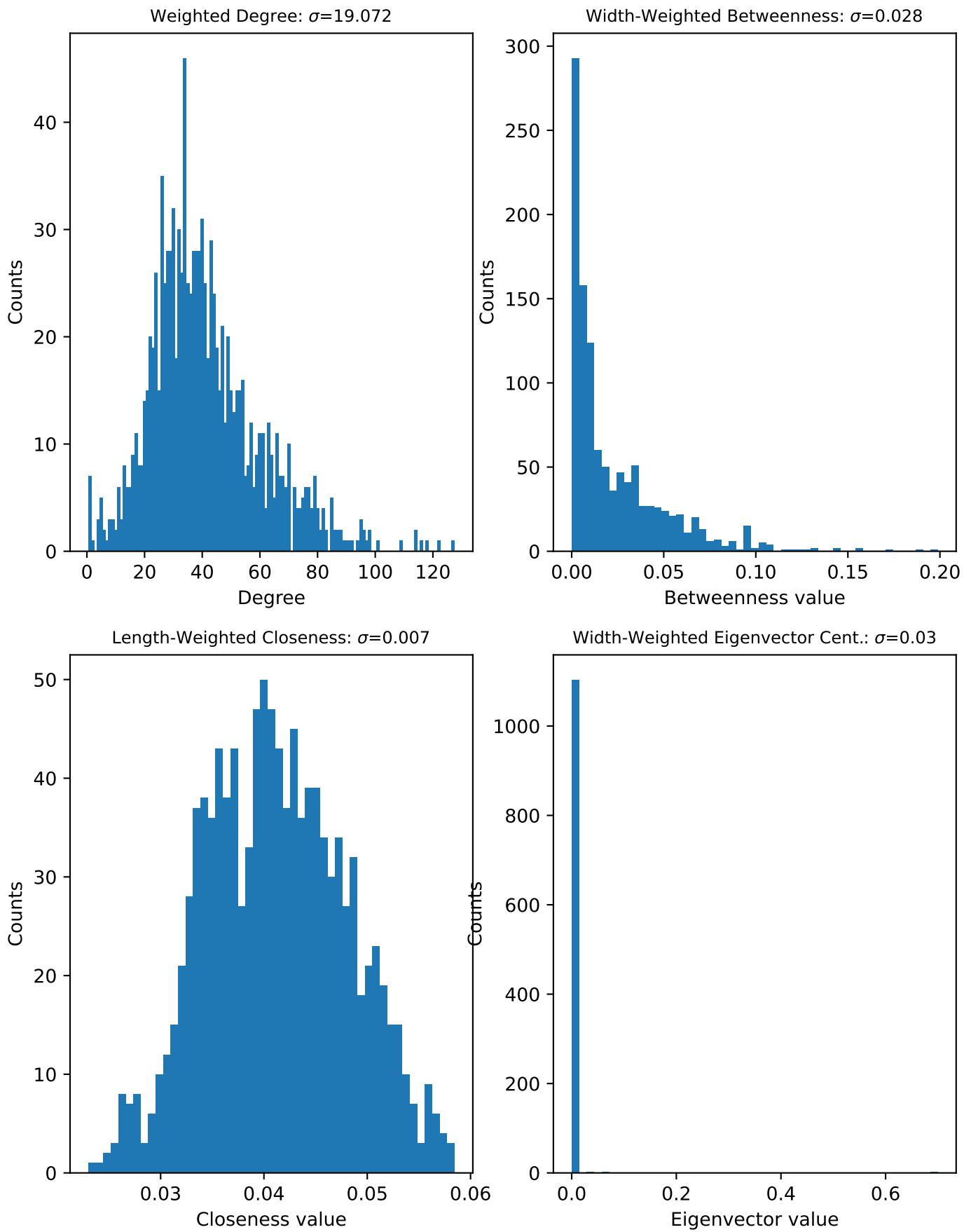
Number of nodes	1113.0
Number of edges	1560.0
Average degree	2.80323
Network diameter	65.0
Average node connectivity	2.26339
Graph density	0.00252
Global efficiency	0.05894
Wiener Index	15291036.0
Assortativity coefficient	0.07968
Average clustering coefficient	0.07011
Average betweenness centrality	0.02134
Average eigenvector centrality	0.00553
Average closeness centrality	0.04157

Weighted GT parameters

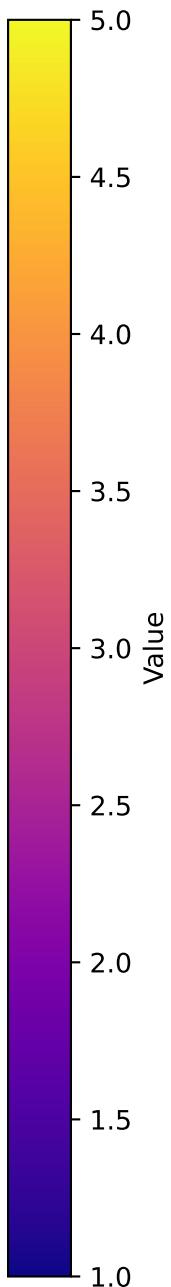
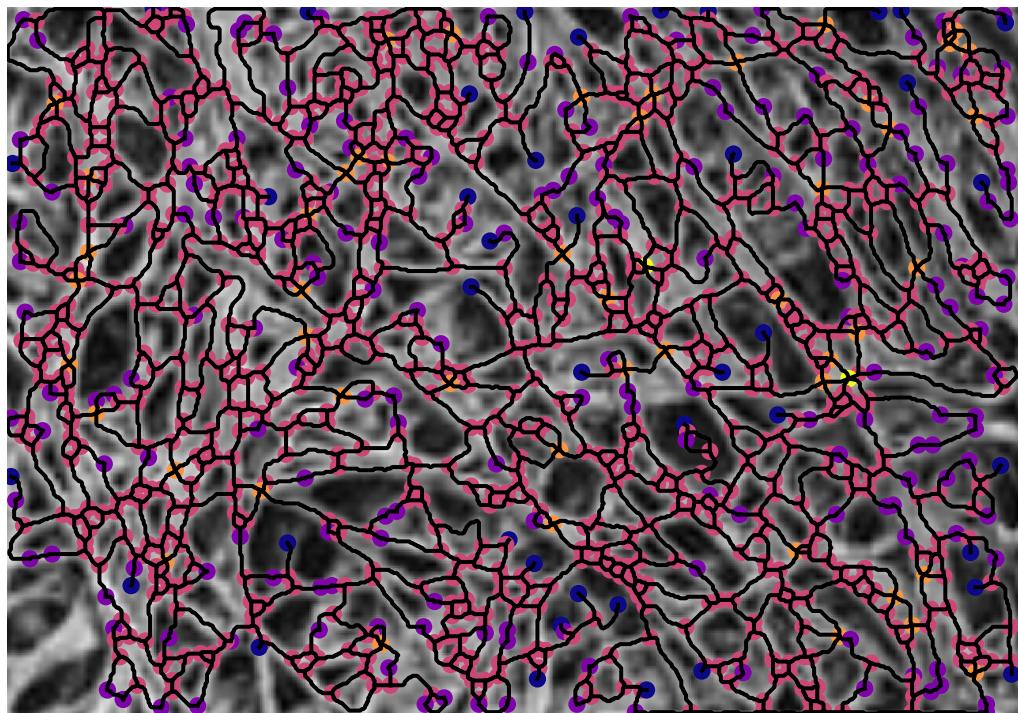
Weighted average degree	40.93306
Length-weighted Wiener Index	15445725.5
Max flow between periphery	0.0
Weighted assortativity coefficient	0.39833
Width-weighted average betweenness centrality	0.02319
Length-weighted average closeness centrality	0.04122
Width-weighted average eigenvector centrality	0.00164



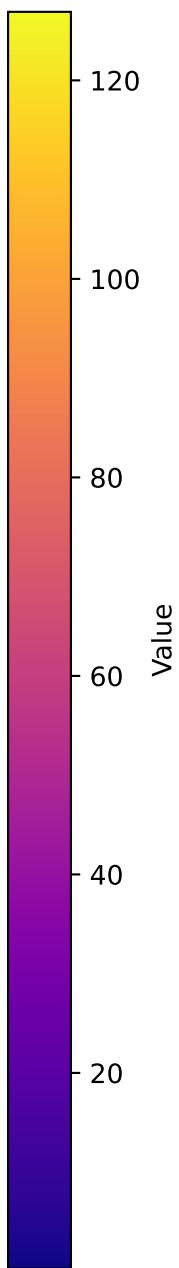
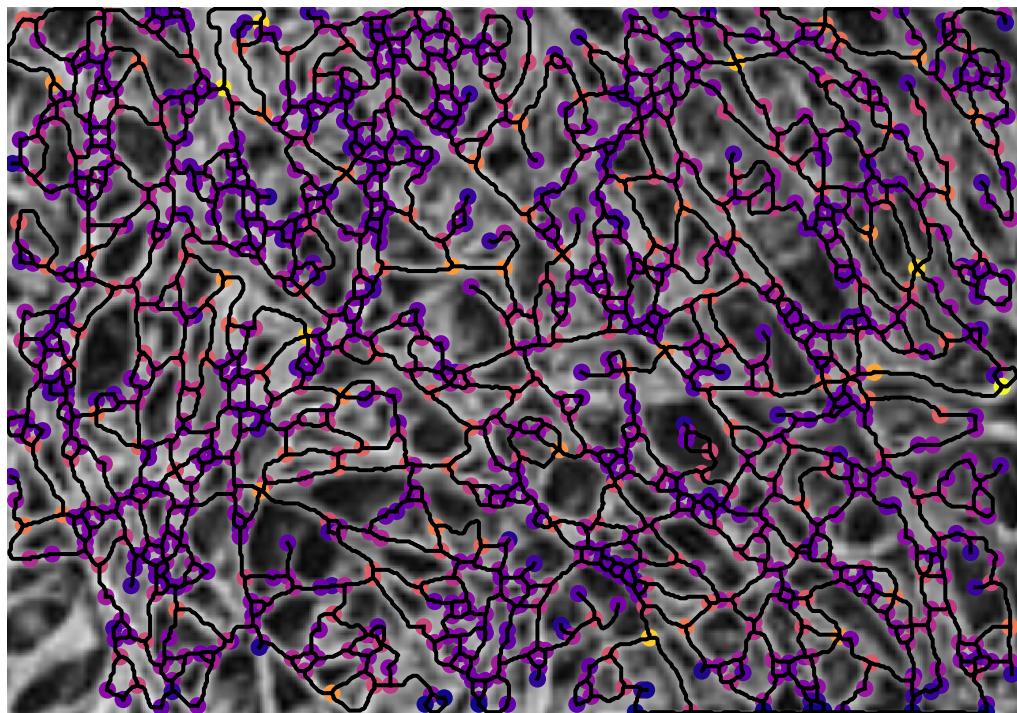




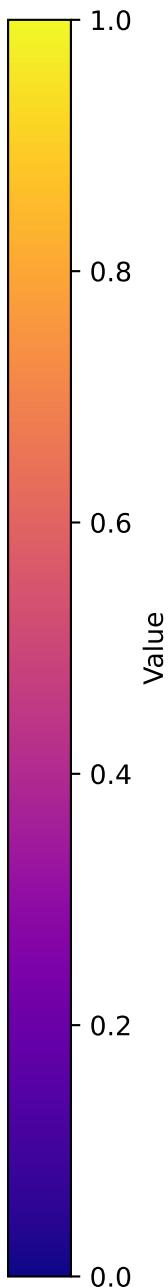
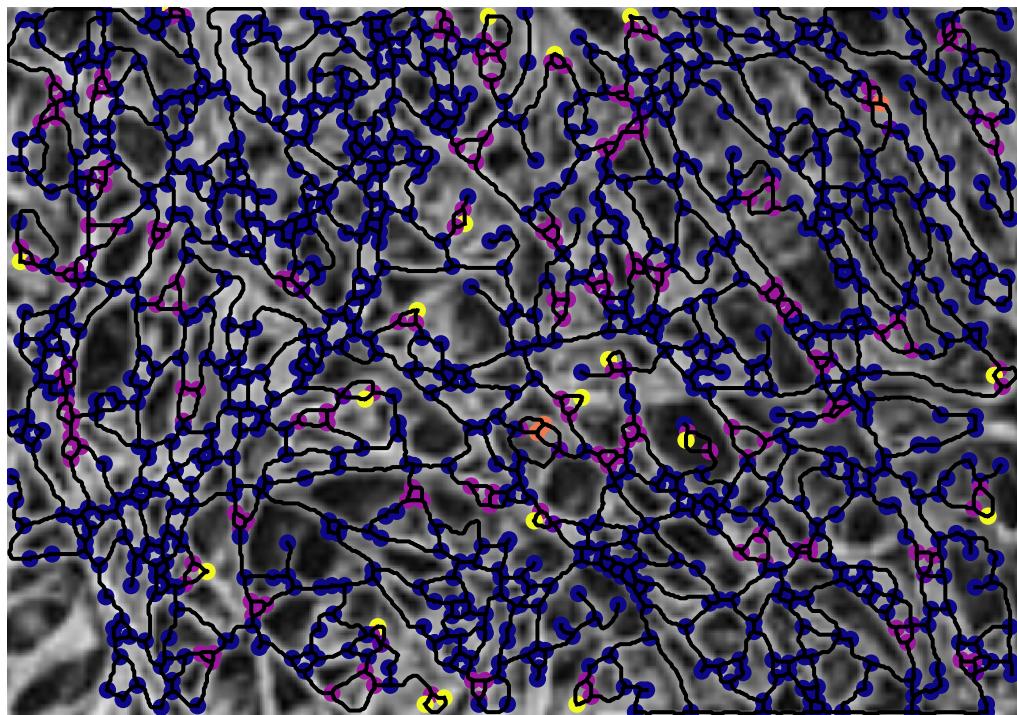
Degree Heatmap



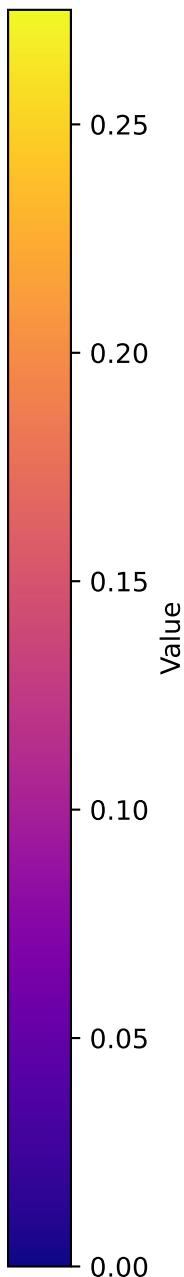
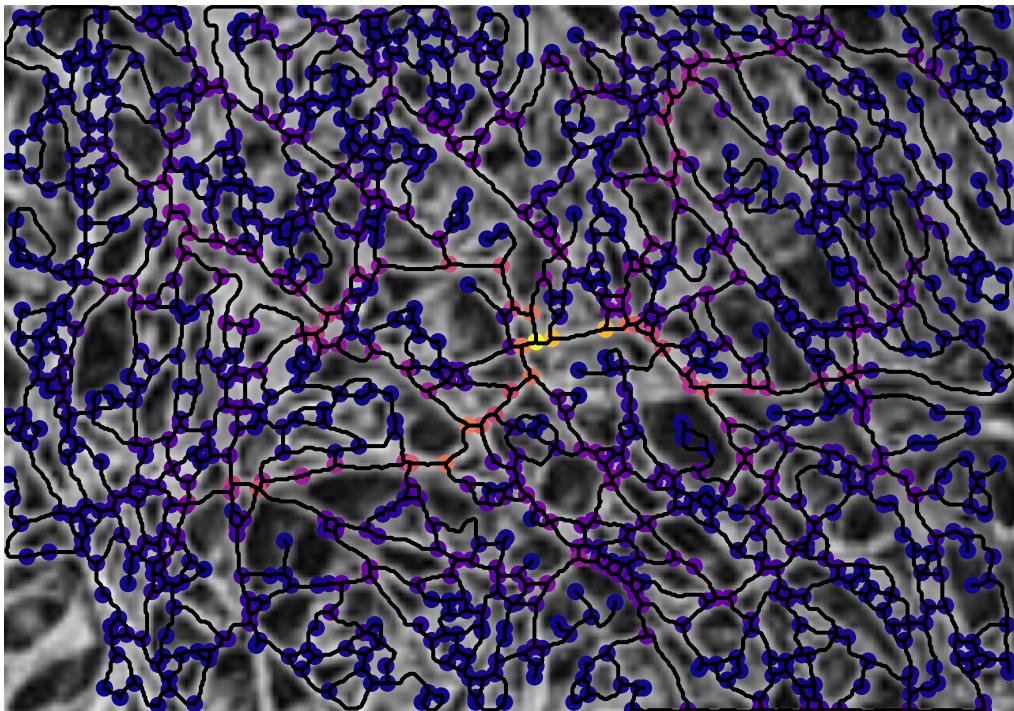
Weighted Degree Heatmap



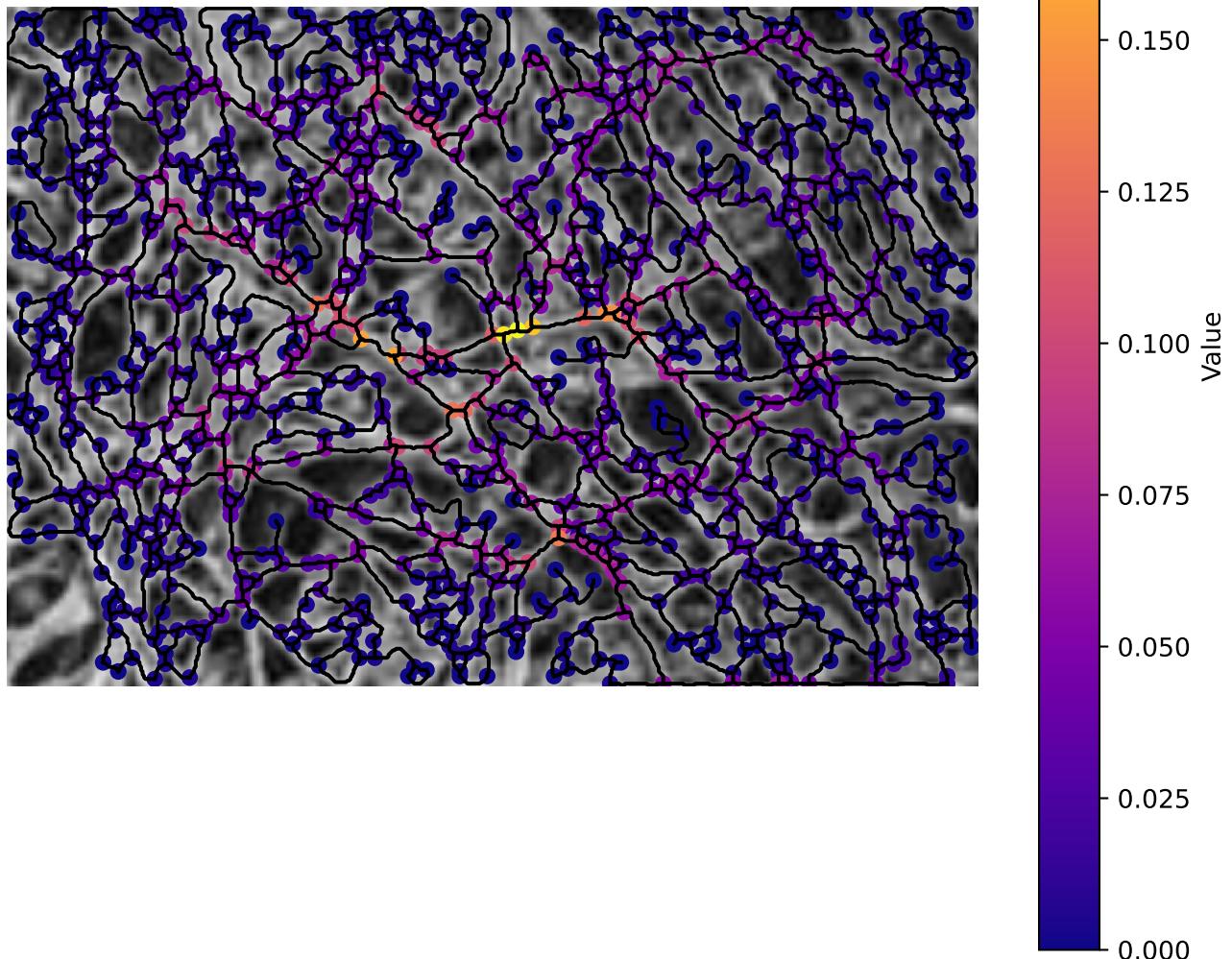
Clustering Coefficient Heatmap



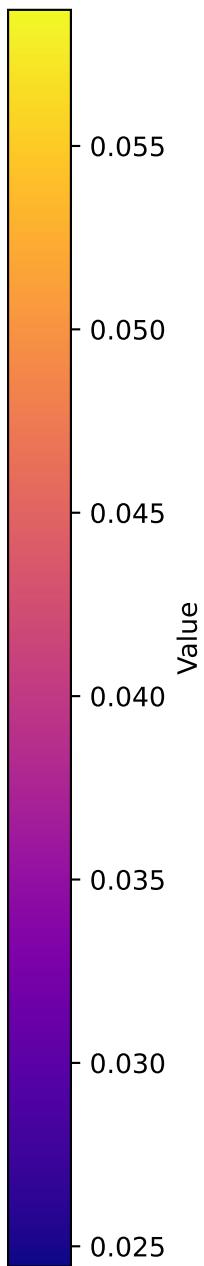
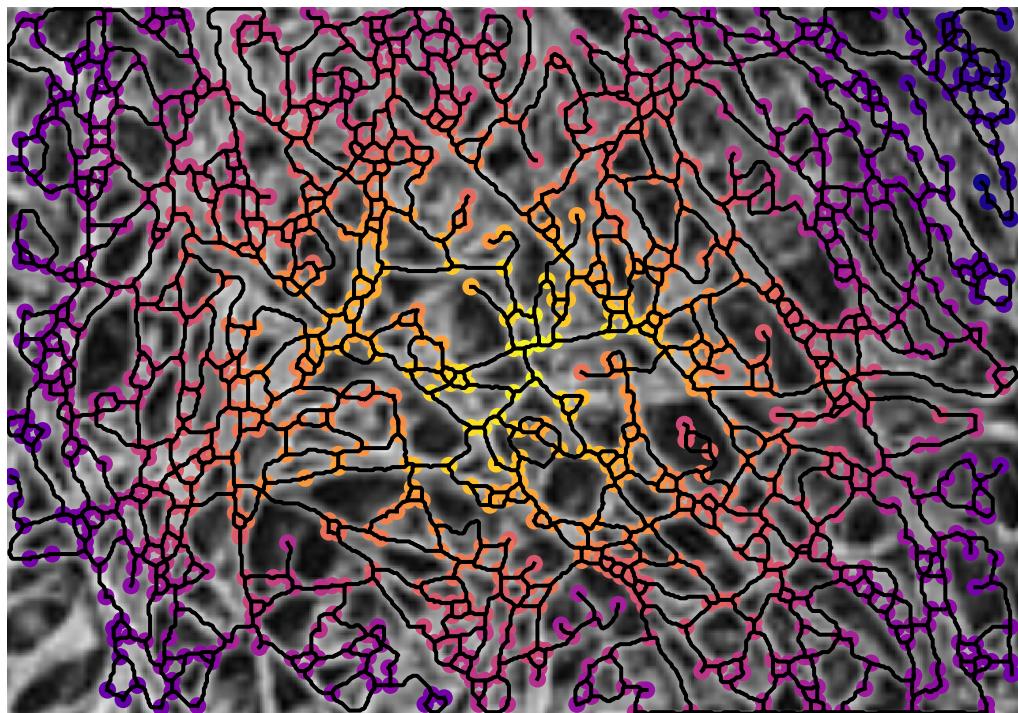
Betweenness Centrality Heatmap



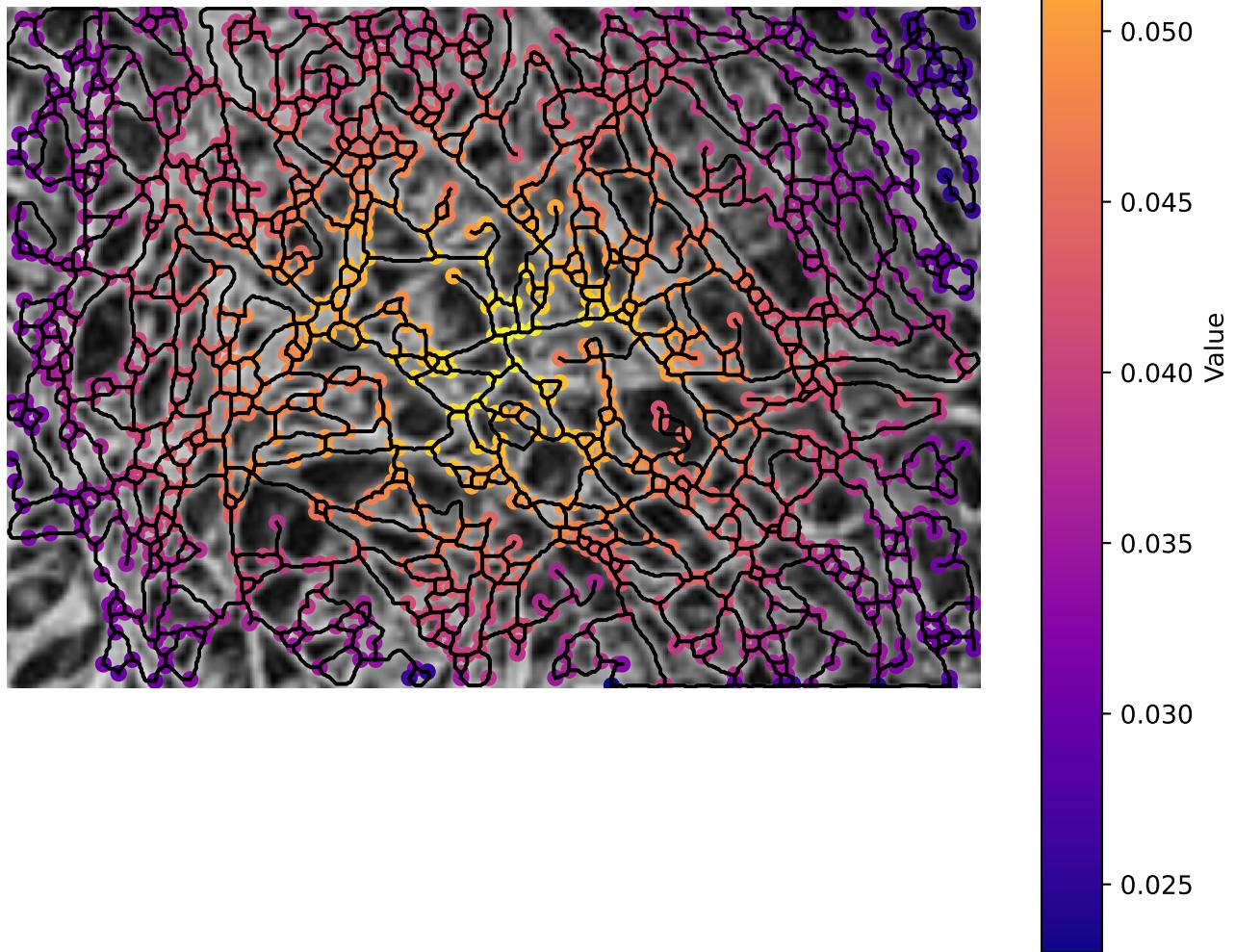
Width-Weighted Betweenness Centrality Heatmap



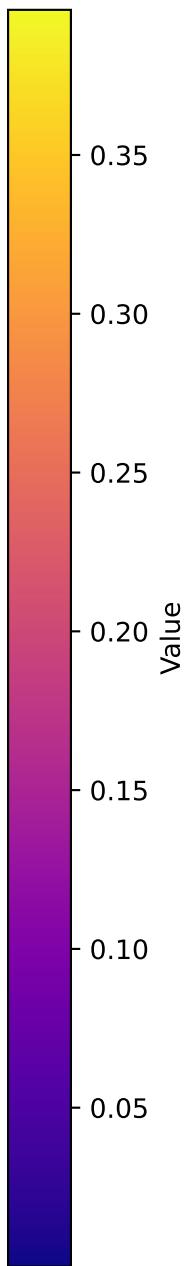
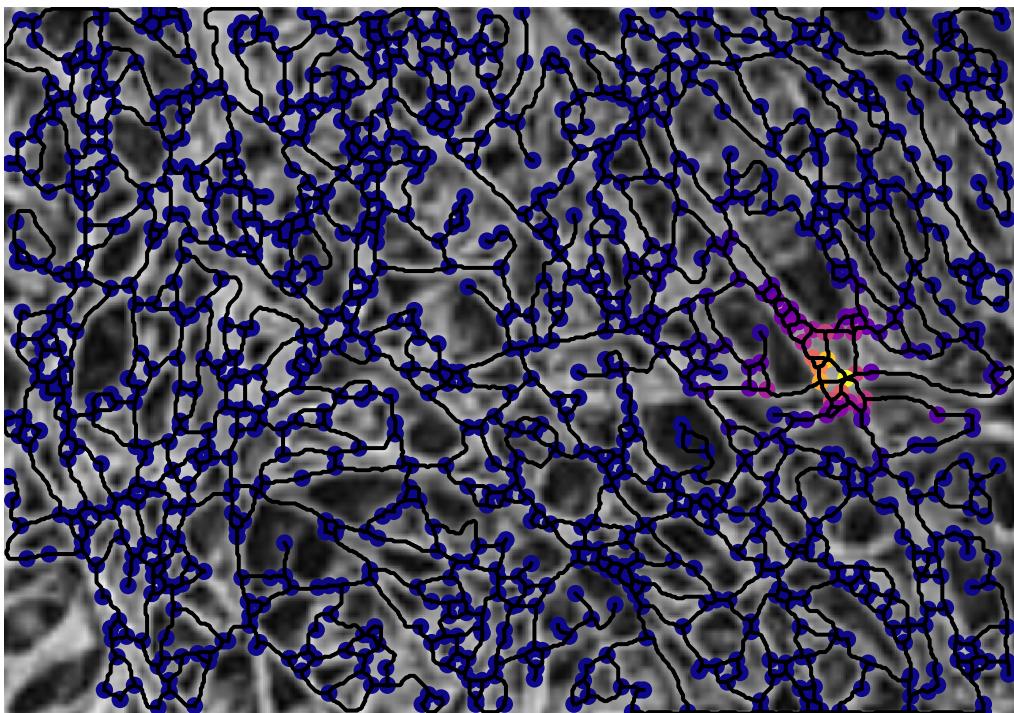
Closeness Centrality Heatmap



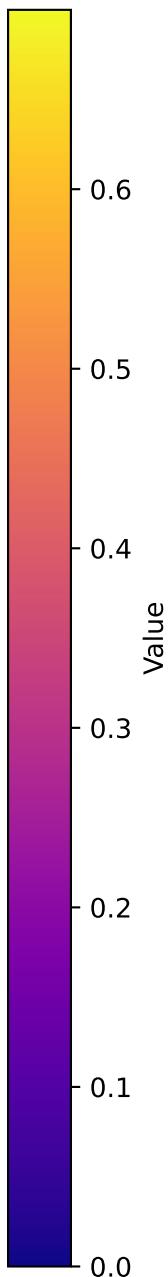
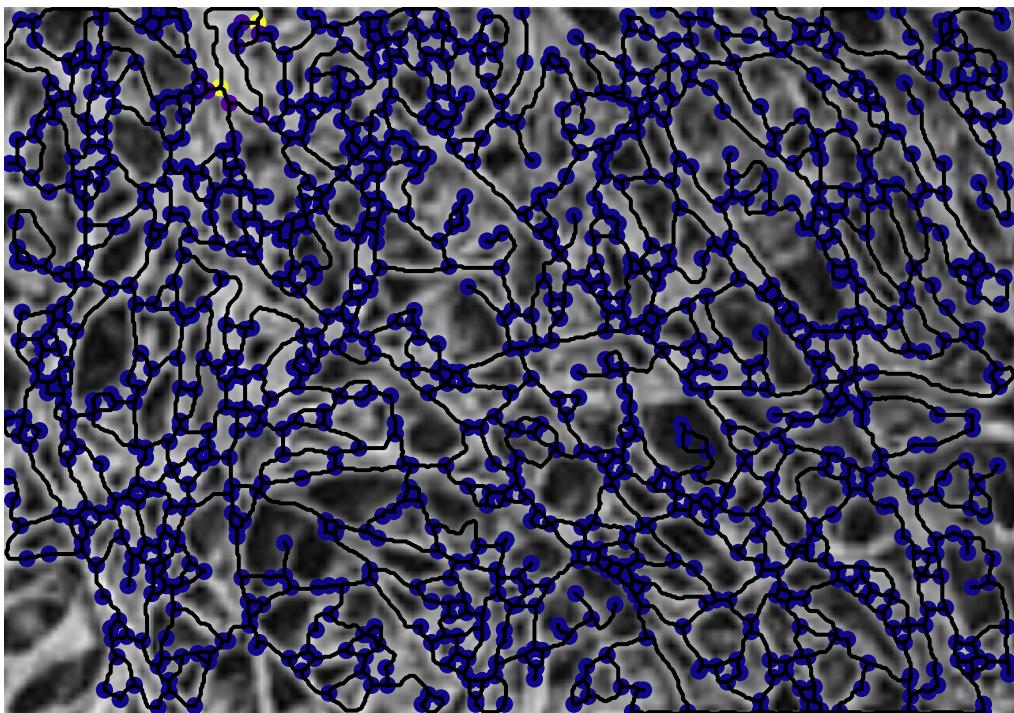
Length-Weighted Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Width-Weighted Eigenvector Centrality Heatmap



Run Info

InVitroBioFilm.png
2024-02-21 09:52:09

|| Adaptive Threshold, 21 bit kernel

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