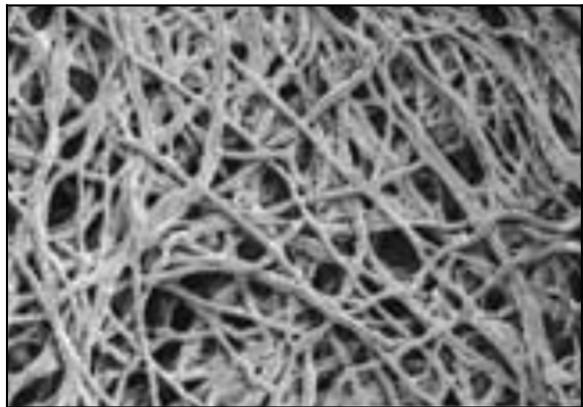
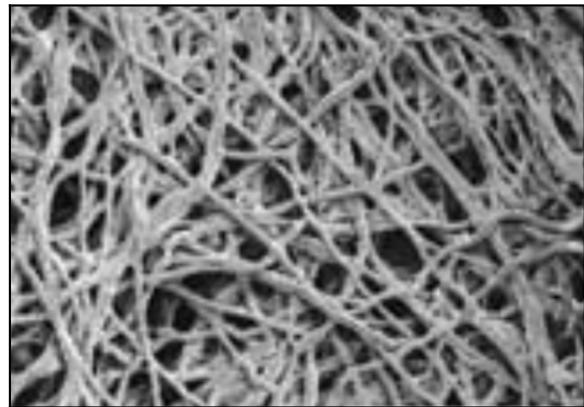


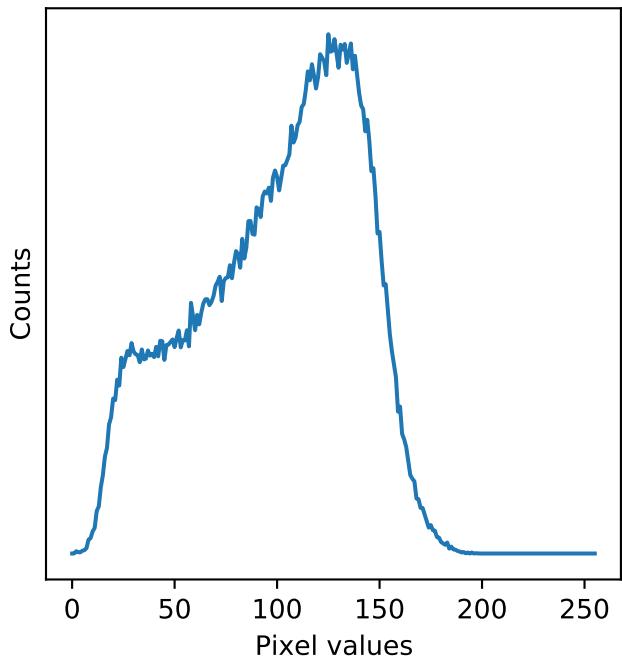
Original Image



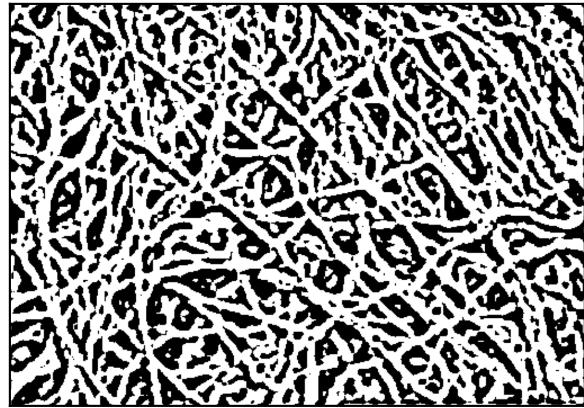
Processed Image



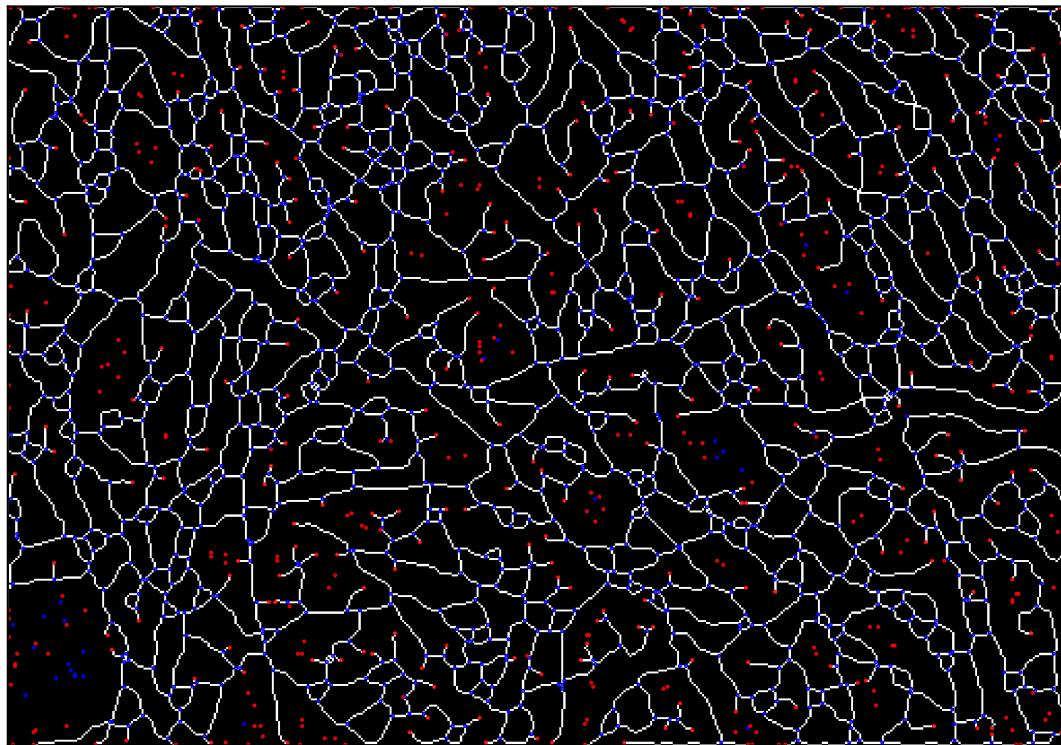
Histogram of Processed Image



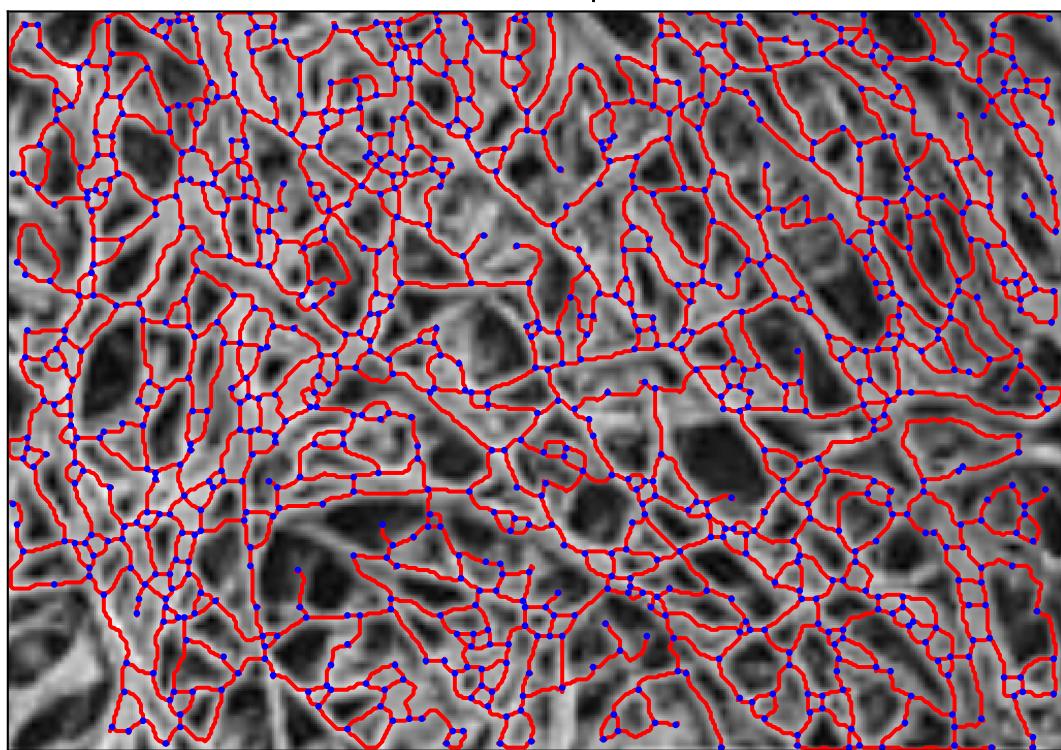
Binary Image



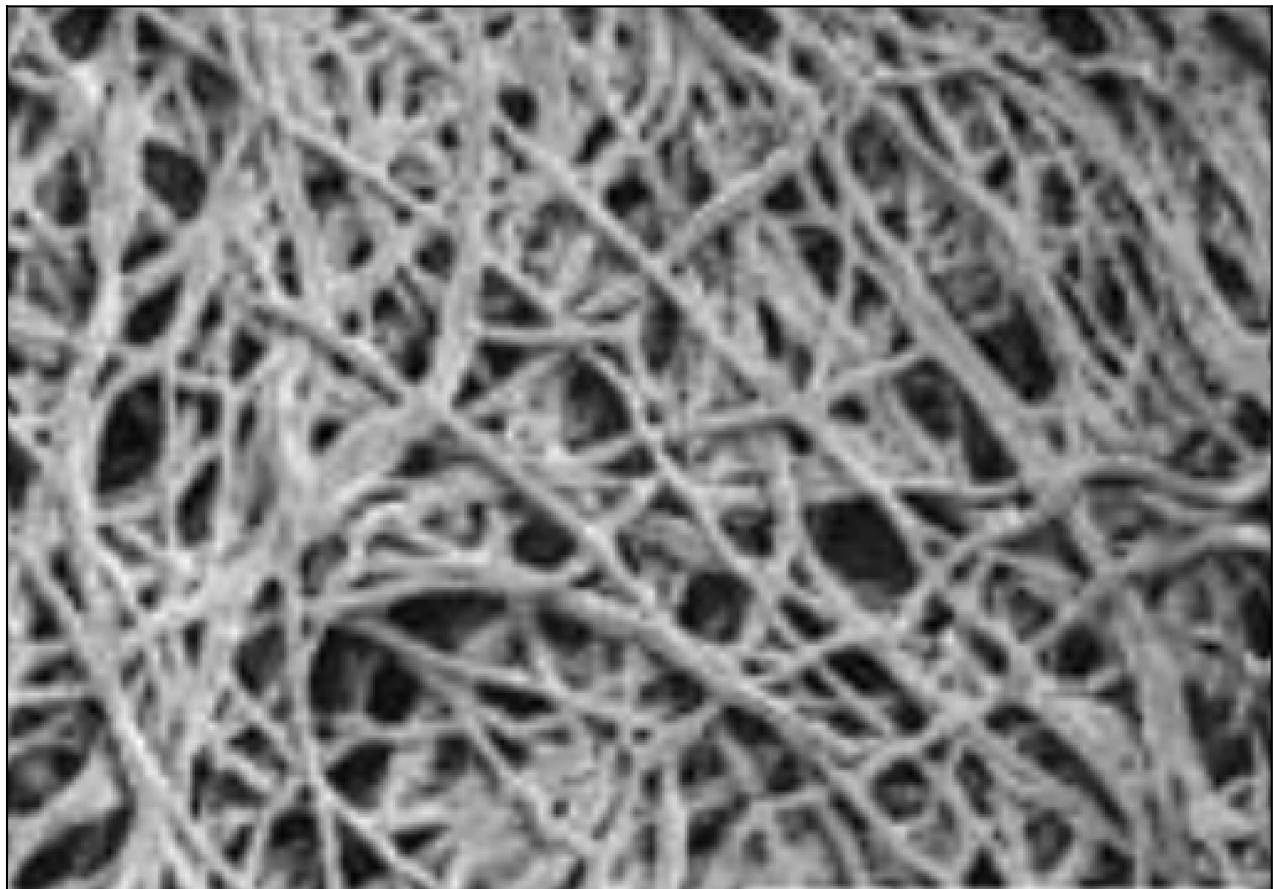
Skeletal Image



Final Graph



## Sub Graphs

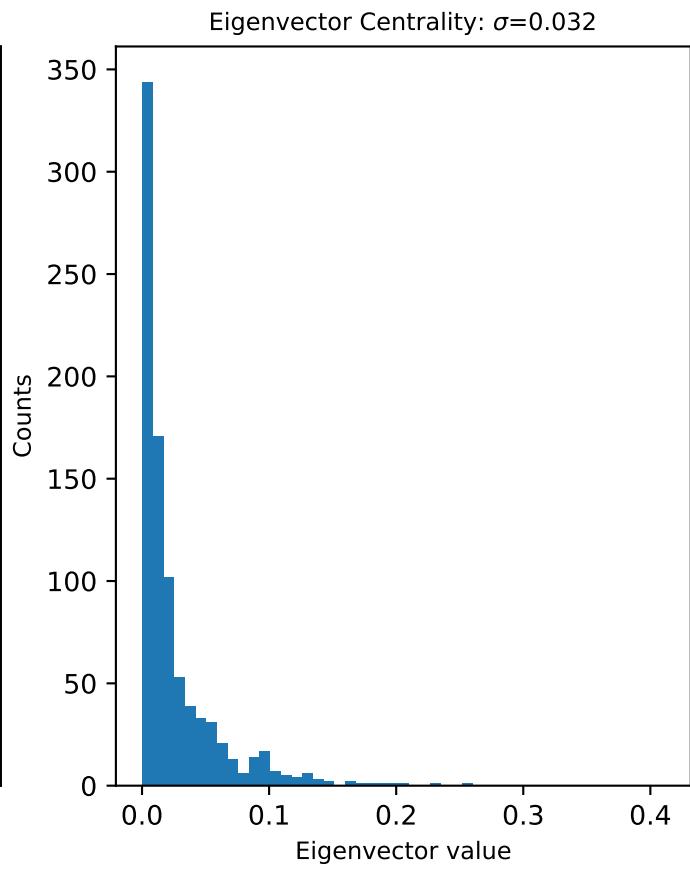
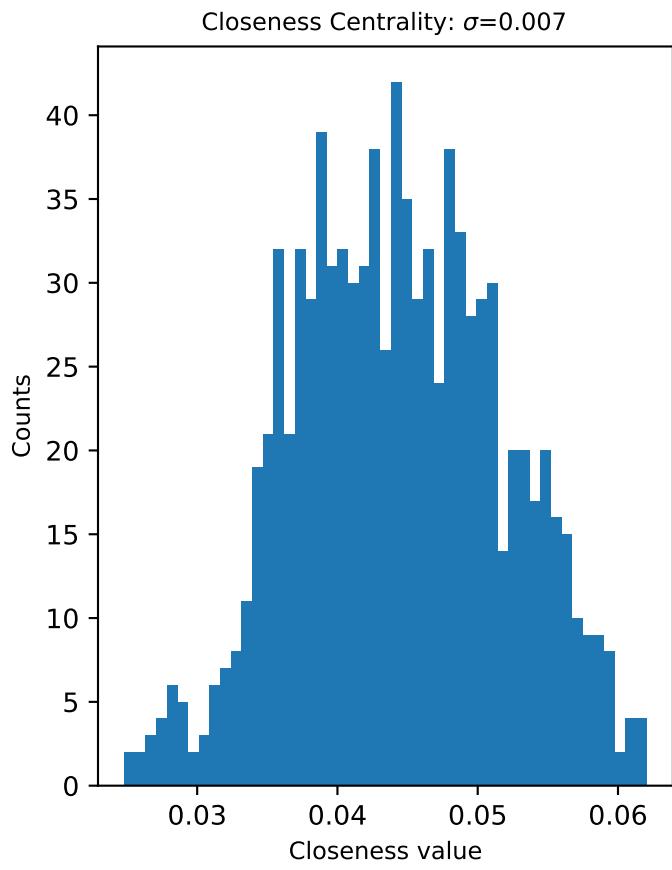
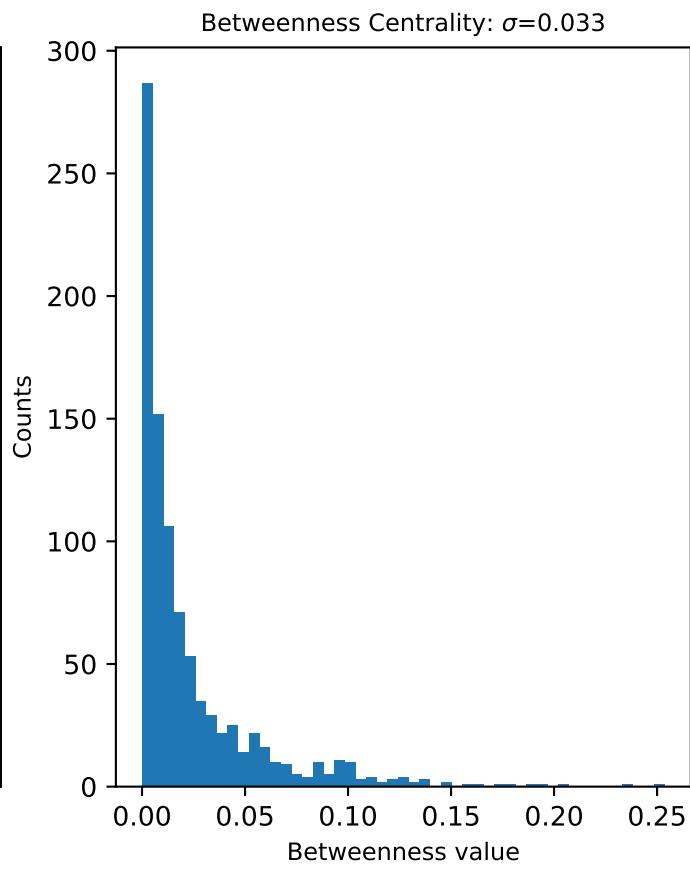
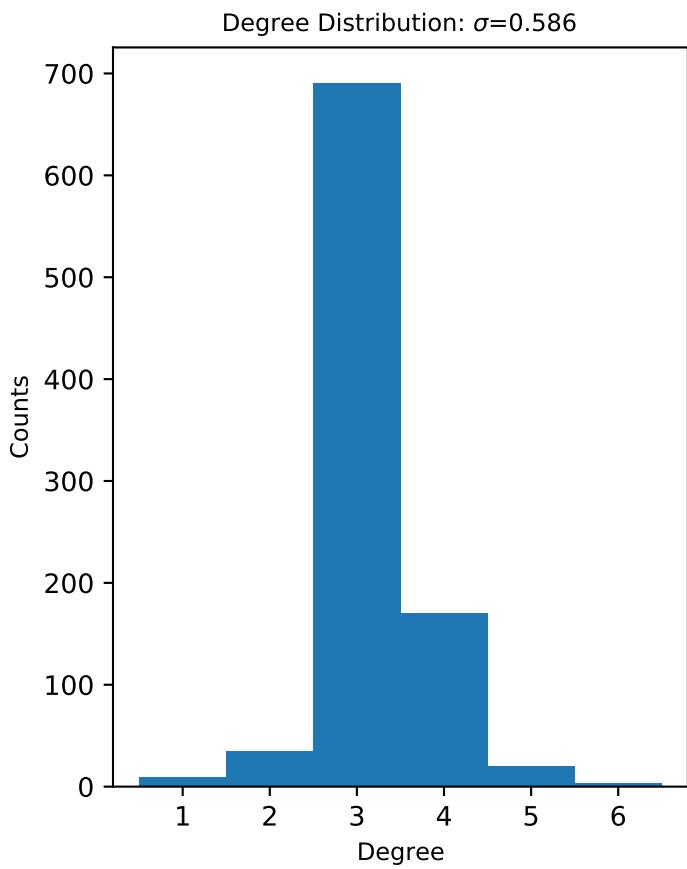


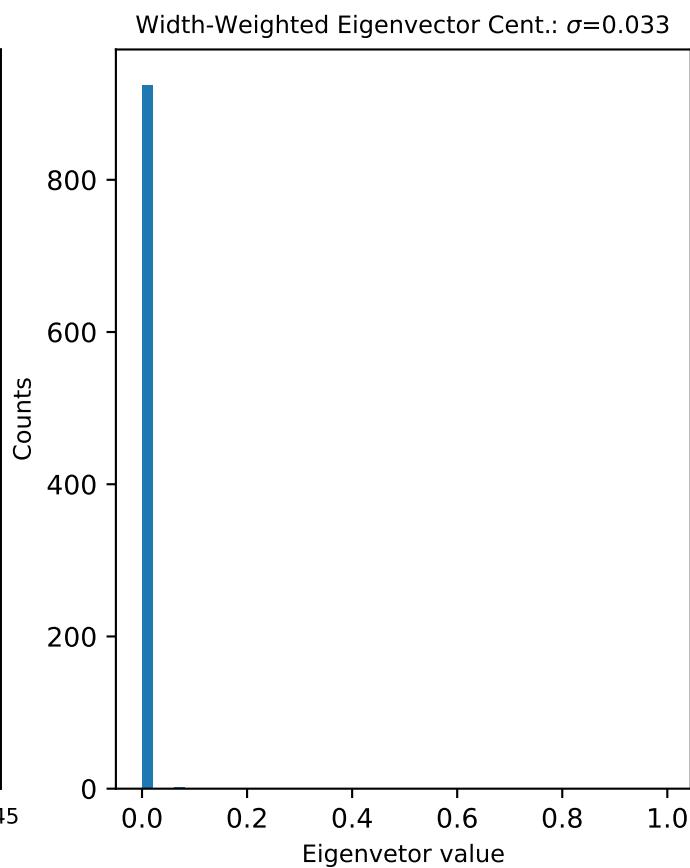
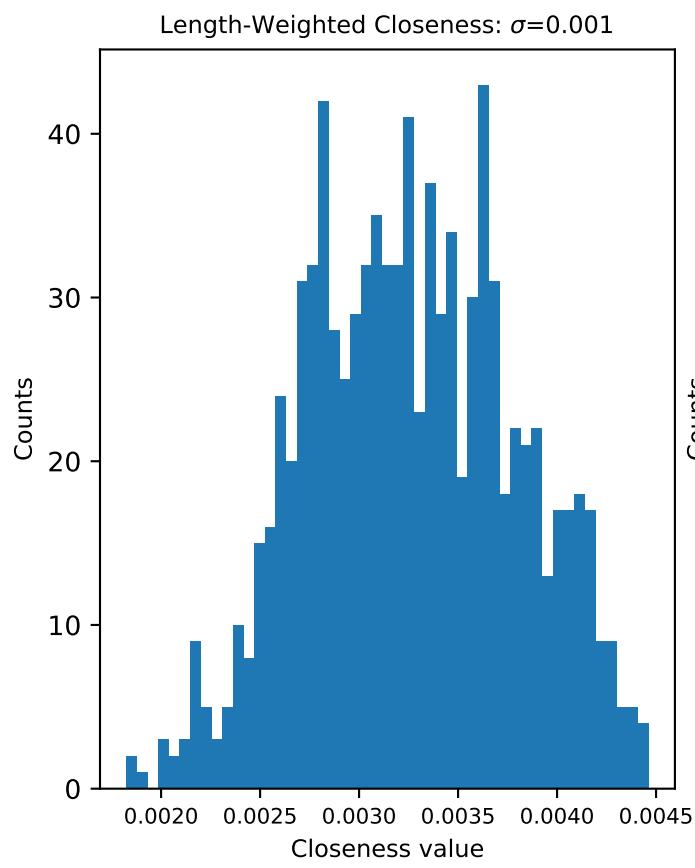
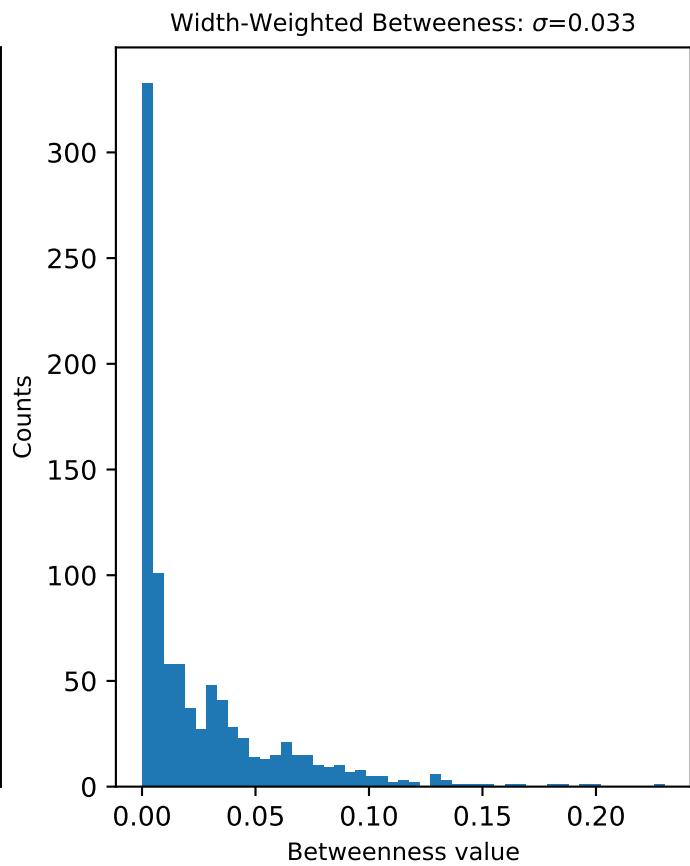
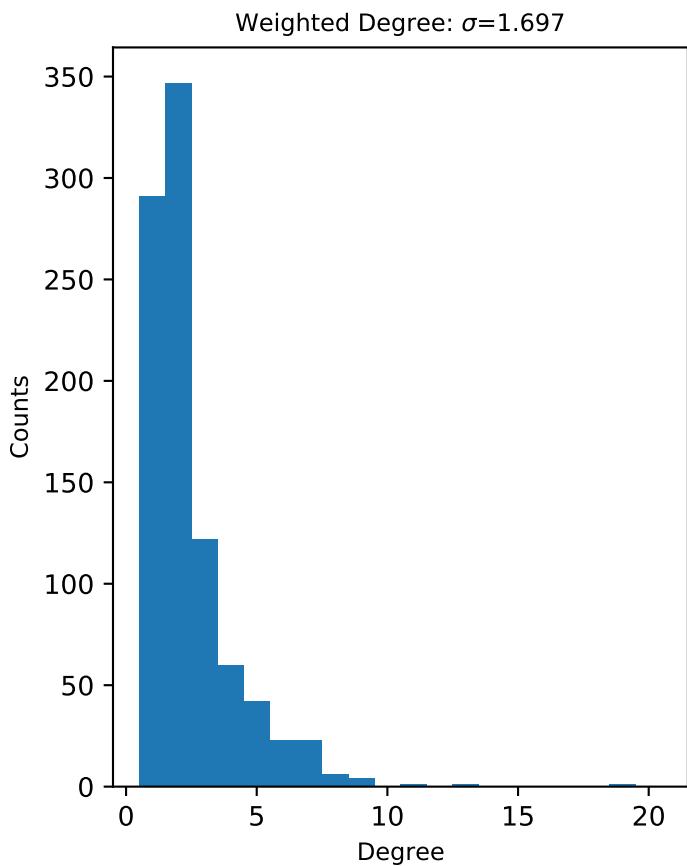
### Unweighted GT parameters

Number of nodes	928.0
Number of edges	1475.0
Average degree	3.17888
Network diameter	63.0
Graph density	0.00343
Global efficiency	0.06343
Wiener Index	9977124.0
Average clustering coefficient	0.08678
Average nodal connectivity	2.21532
Assortativity coefficient	0.17424
Average betweenness centrality	0.02397
Average closeness centrality	0.0444
Average eigenvector centrality	0.00732
Graph Conductance (max)	0.036215117625612796
Graph Conductance (min)	0.00032788368615924266

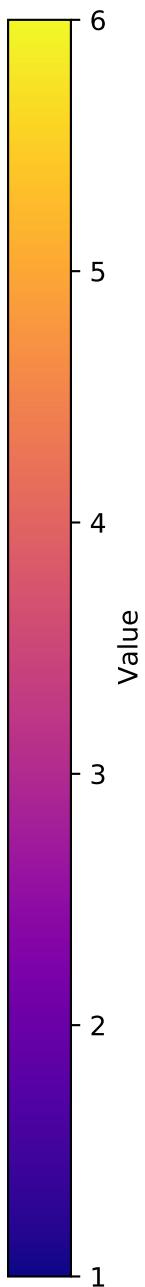
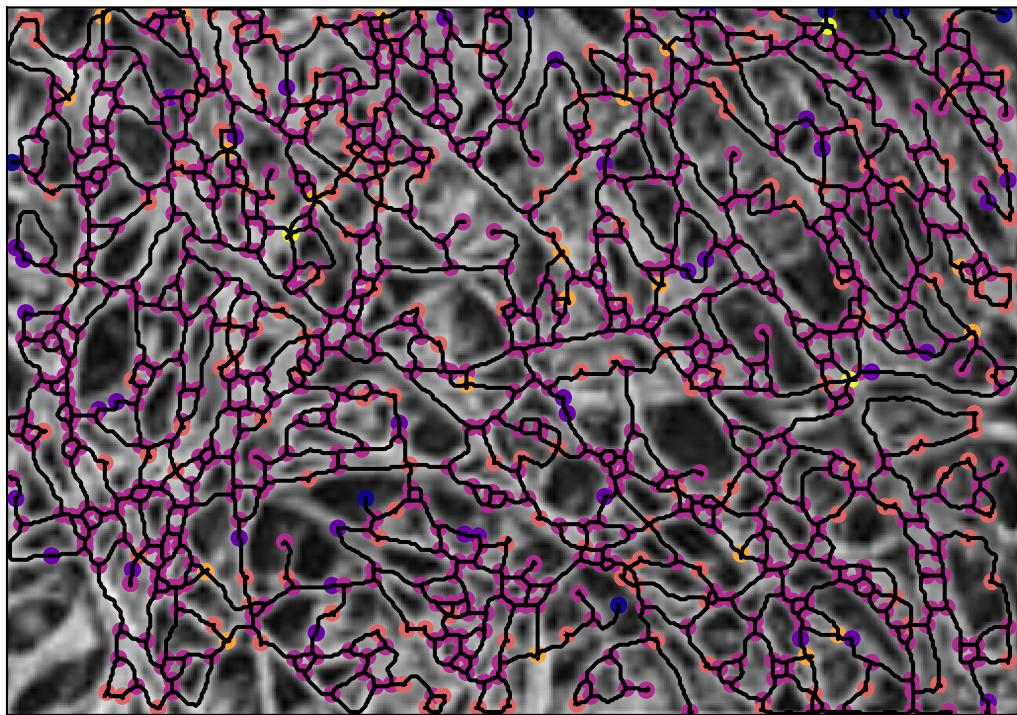
## Weighted GT Parameters

Weighted average degree	2.40421
Length-weighted Wiener Index	135353797.1
Max flow between periphery	0.0
Weighted assortativity coefficient	0.31973
Width-weighted average betweenness centrality	0.02567
Length-weighted average closeness centrality	0.00327
Width-weighted average eigenvector centrality	0.00125

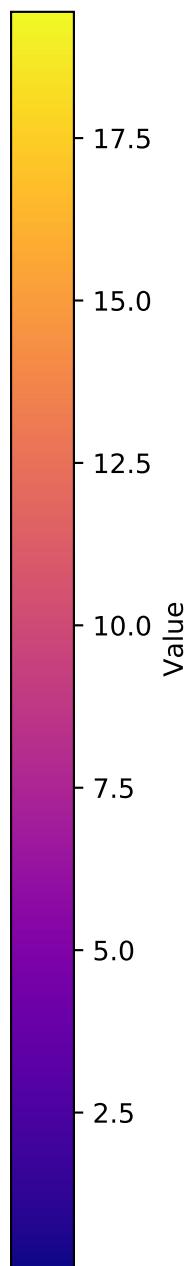
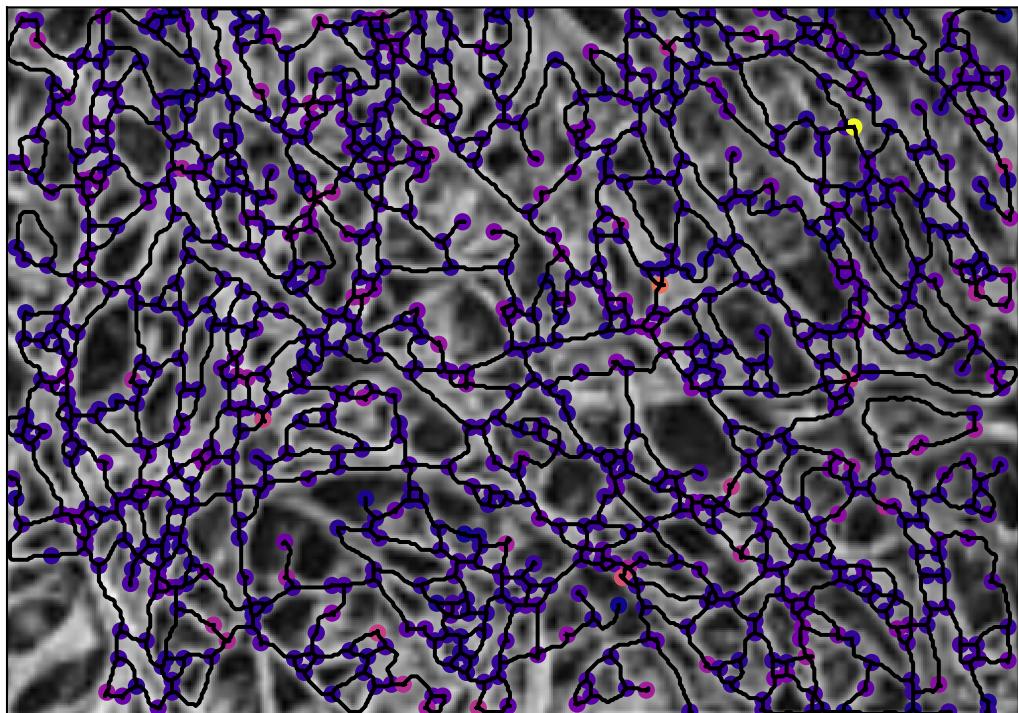




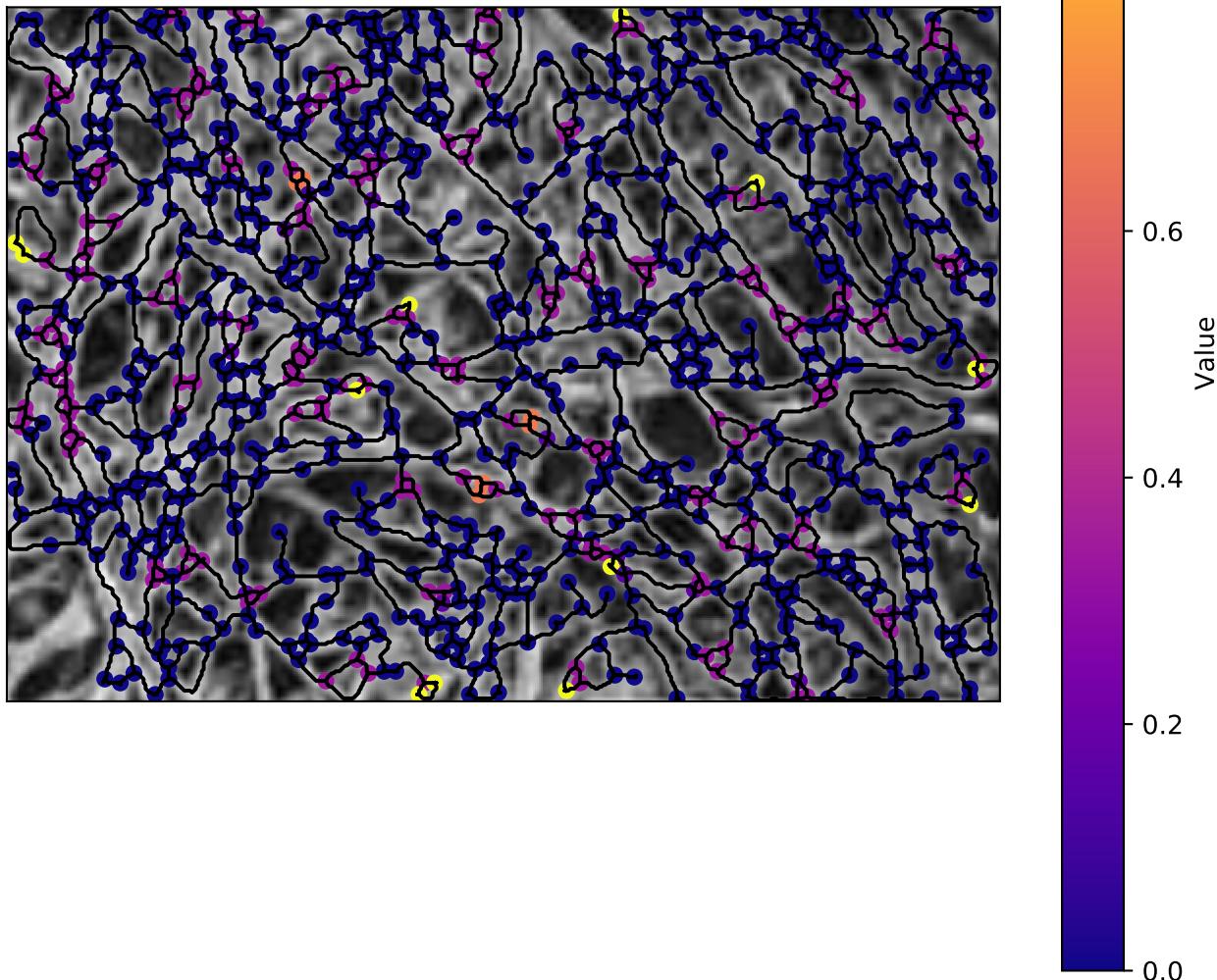
Degree Heatmap



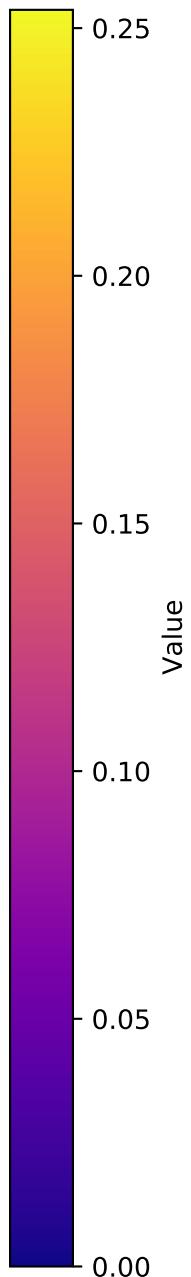
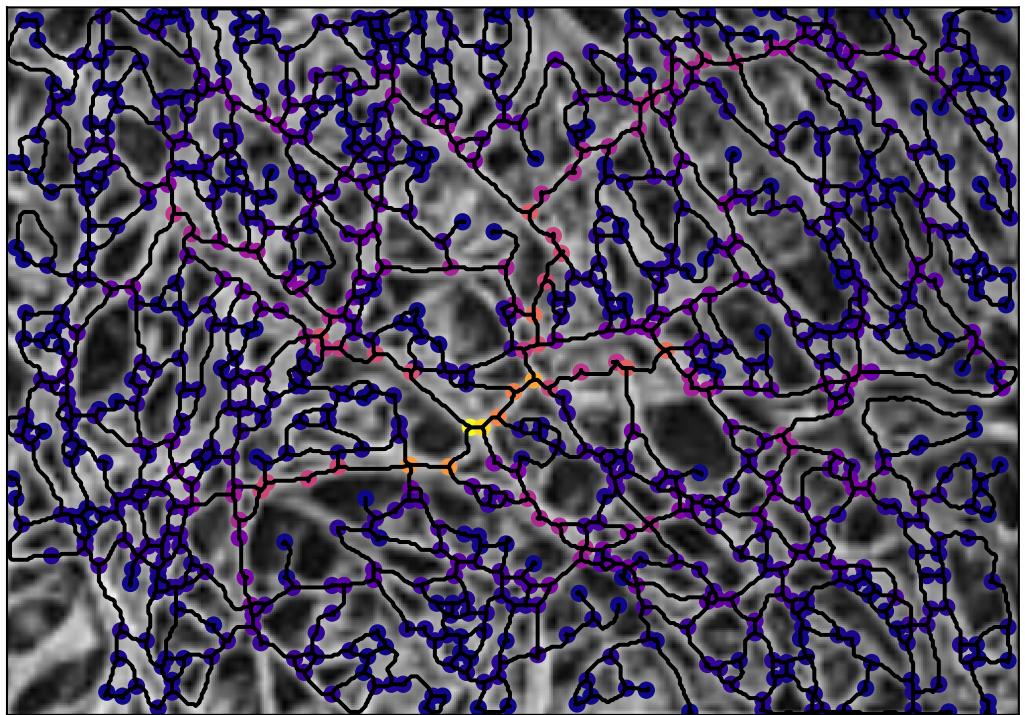
Weighted Degree Heatmap



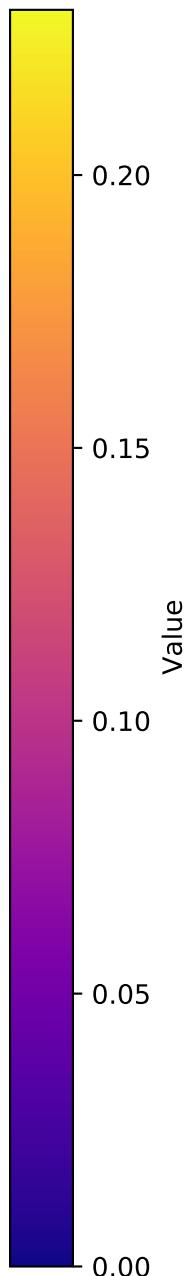
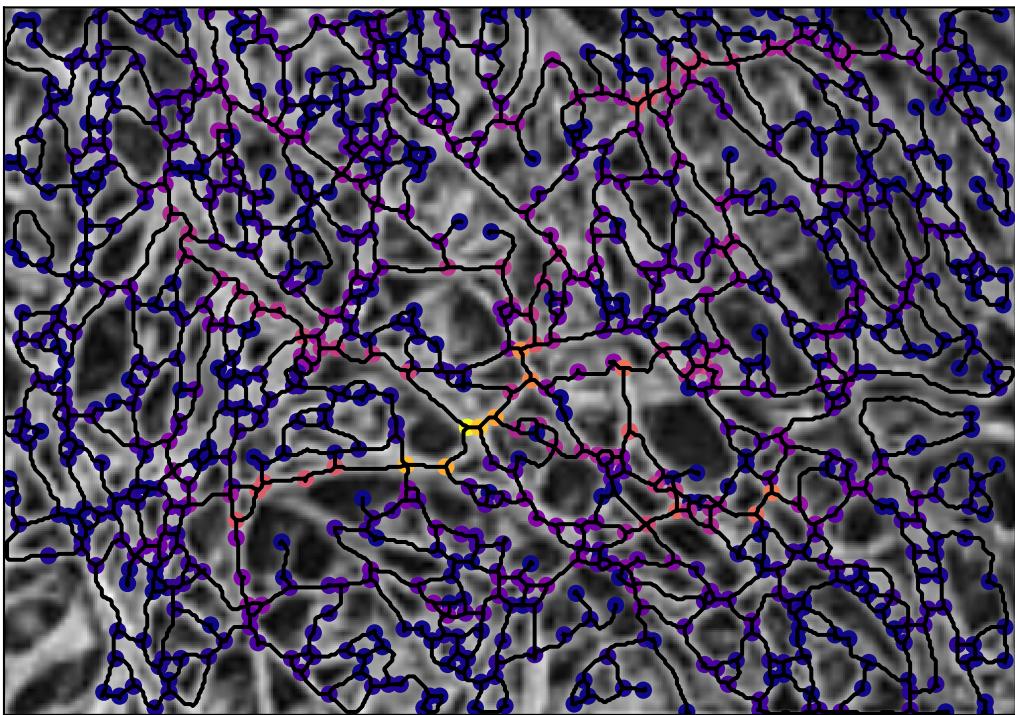
Clustering Coefficient Heatmap



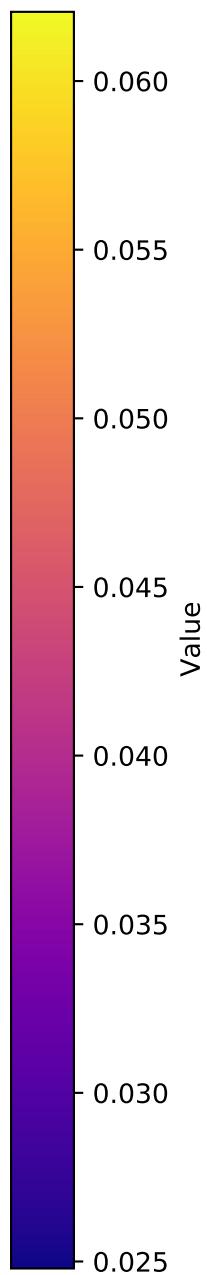
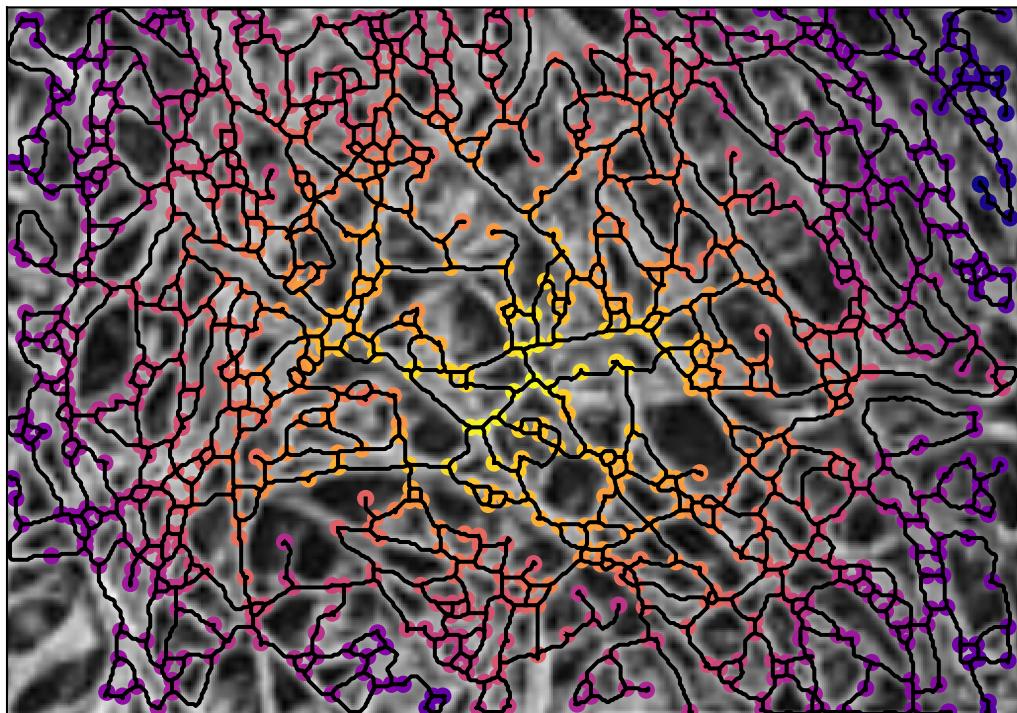
Betweenness Centrality Heatmap



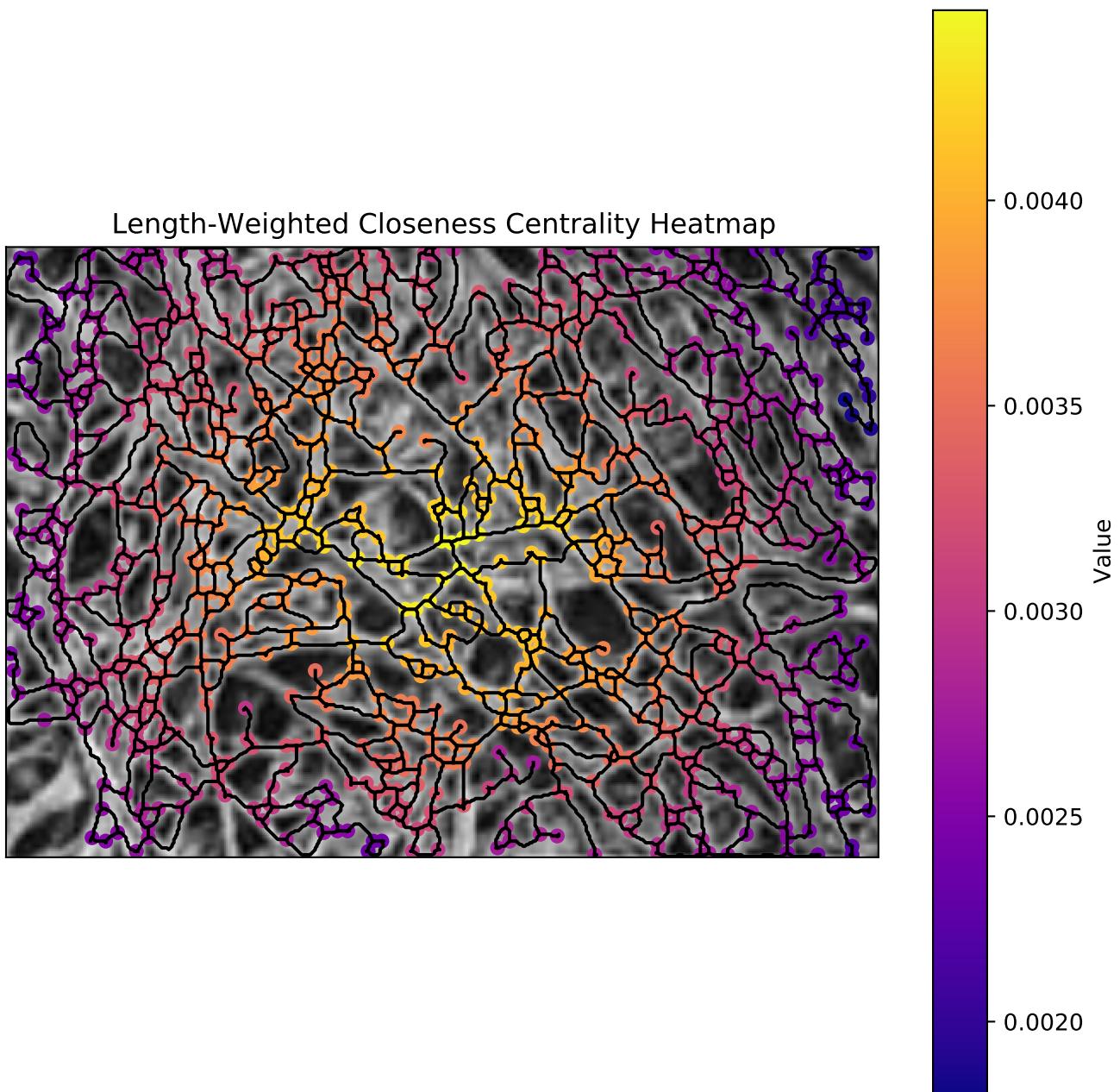
Width-Weighted Betweenness Centrality Heatmap



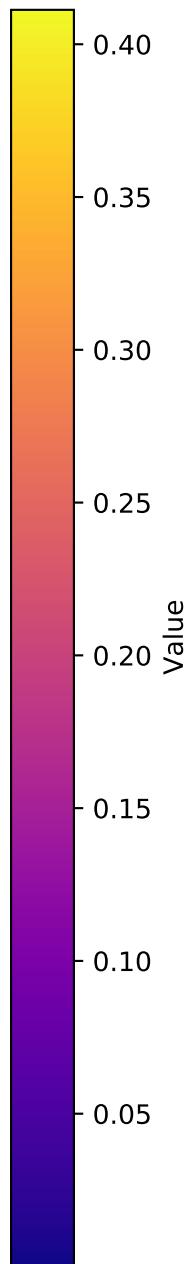
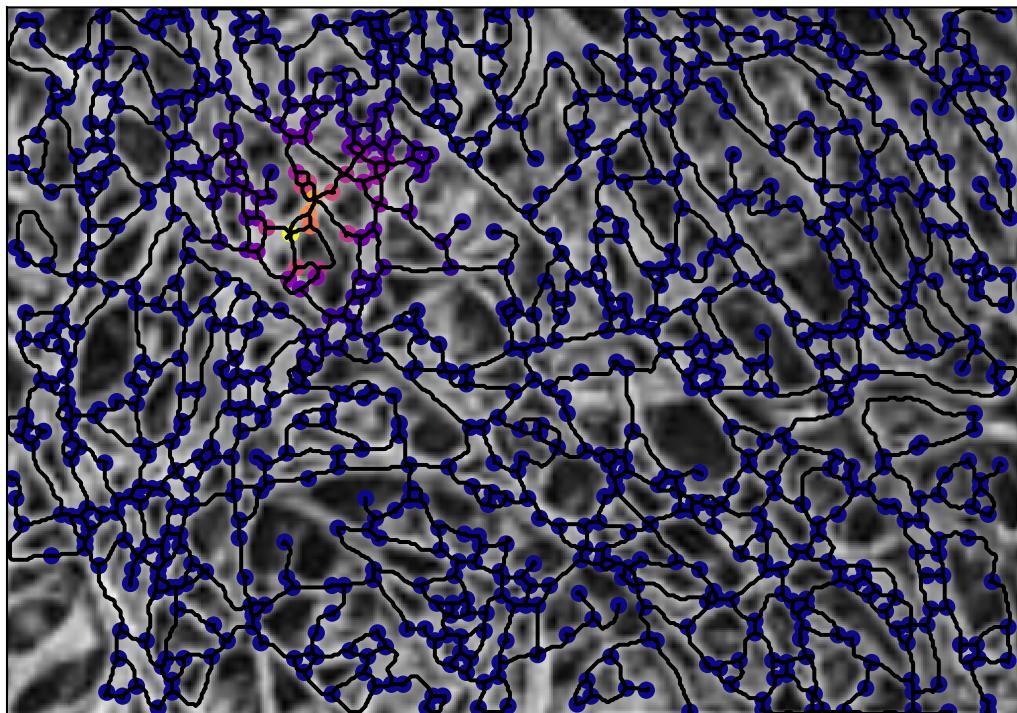
Closeness Centrality Heatmap



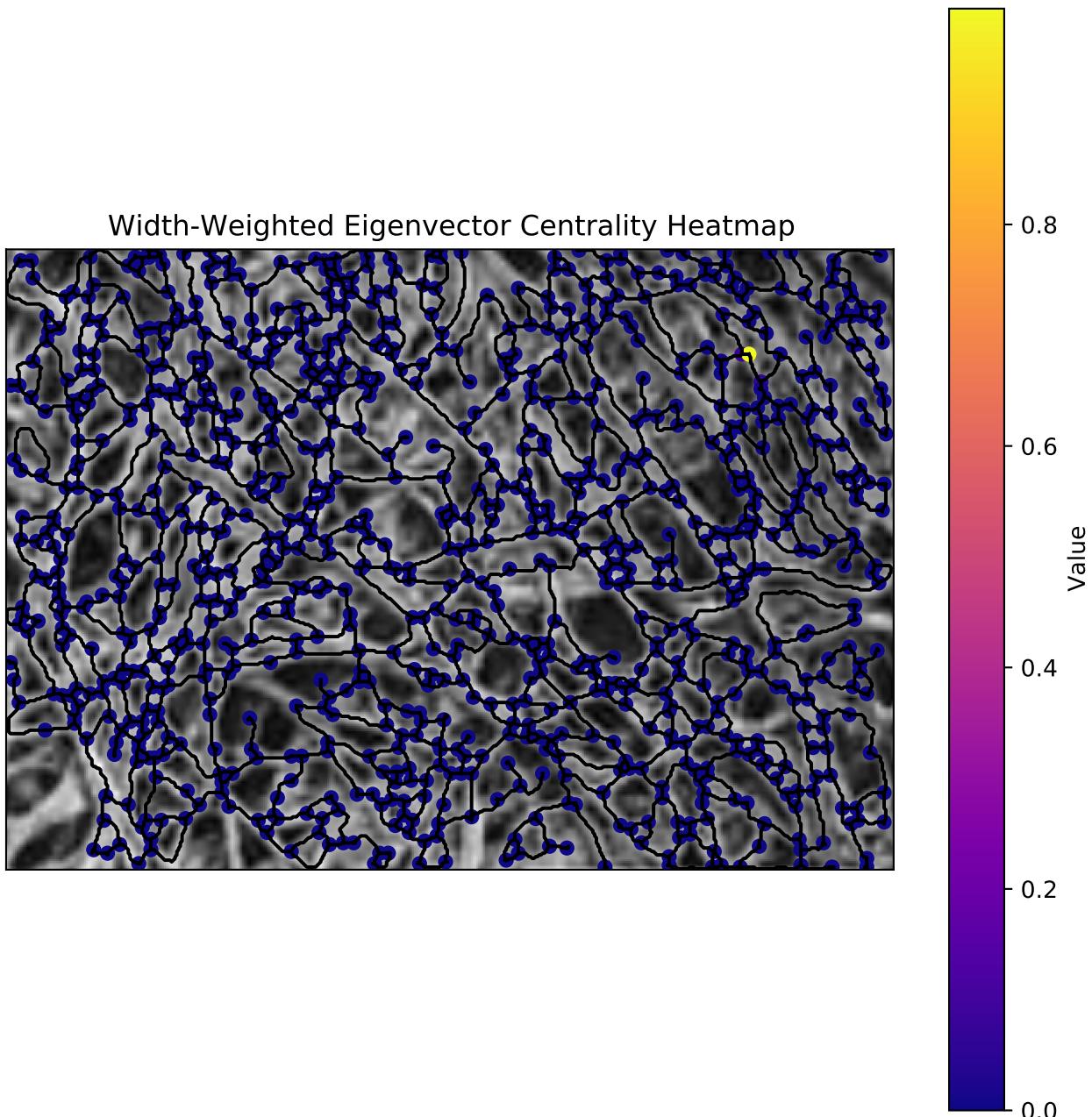
Length-Weighted Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Width-Weighted Eigenvector Centrality Heatmap



Run Info

InVitroBioFilm || 2024-02-21 08:57:16

|| Adaptive Threshold, 21 bit kernel

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