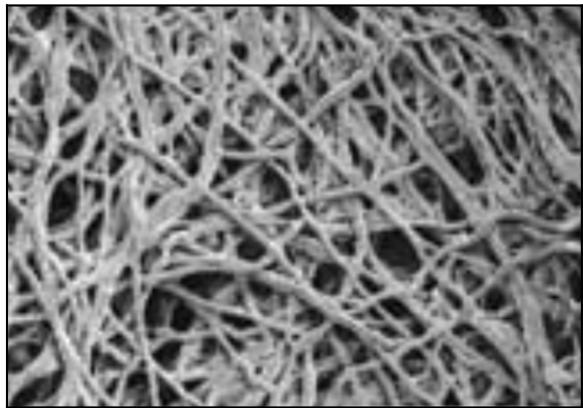
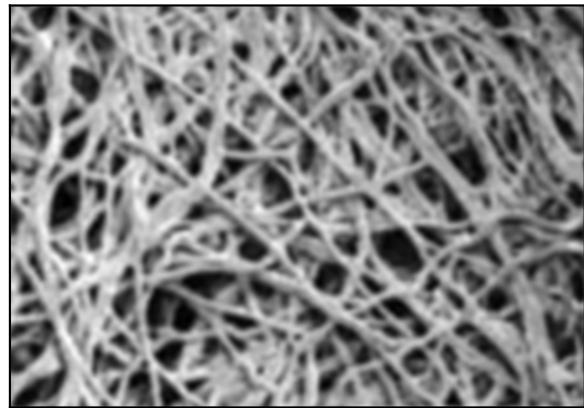


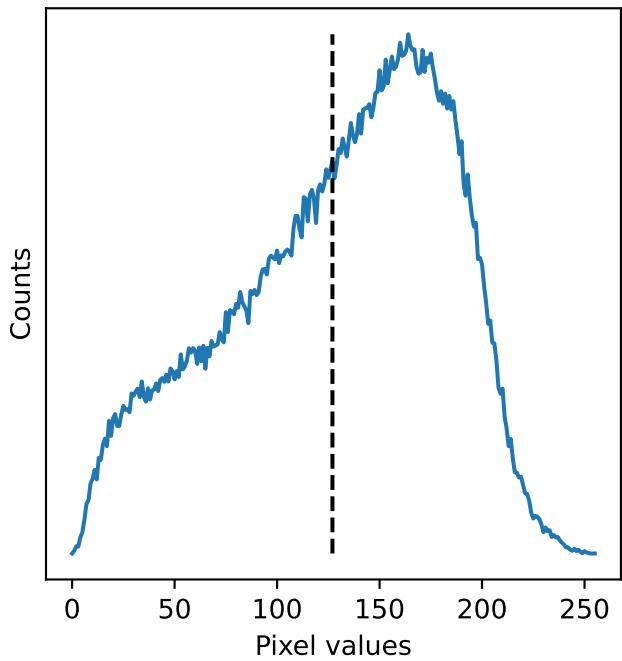
Original Image



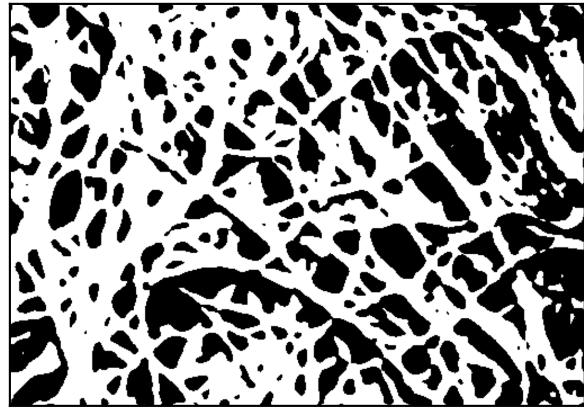
Processed Image



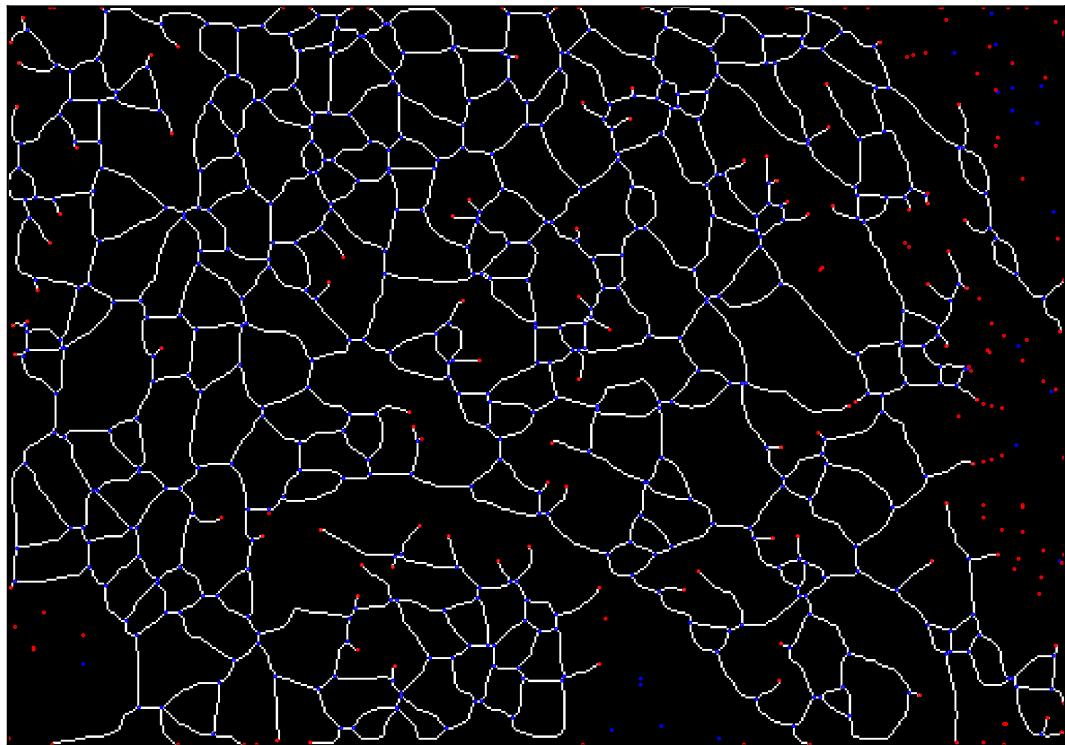
Histogram of Processed Image



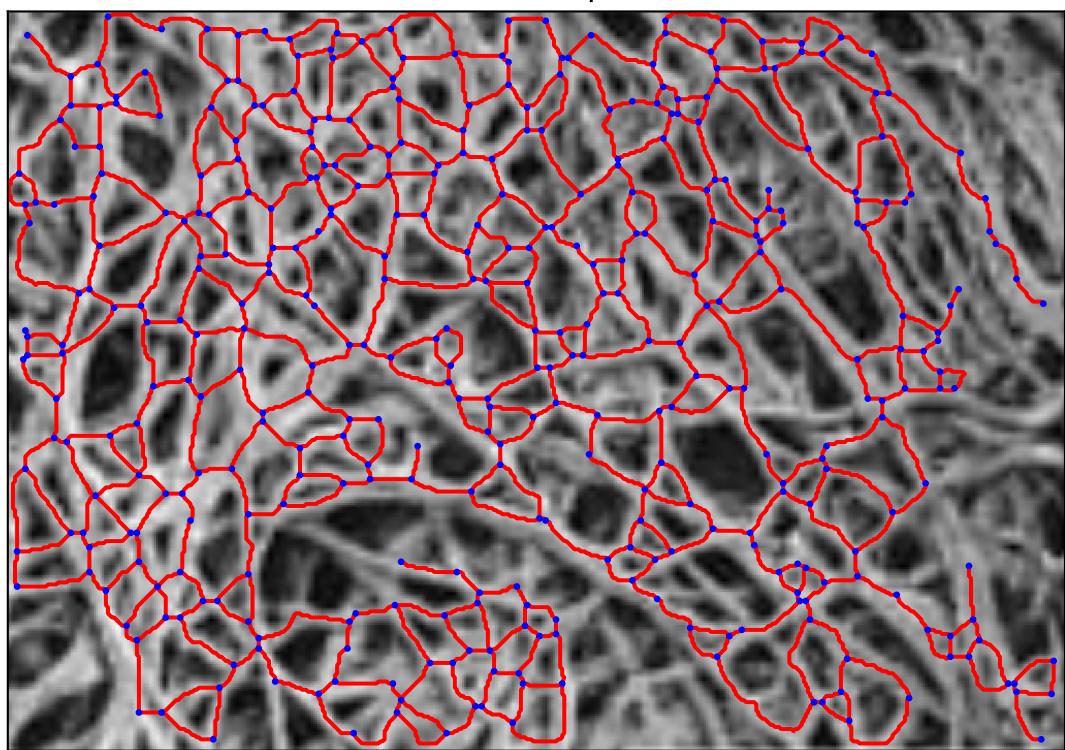
Binary Image



Skeletal Image



Final Graph



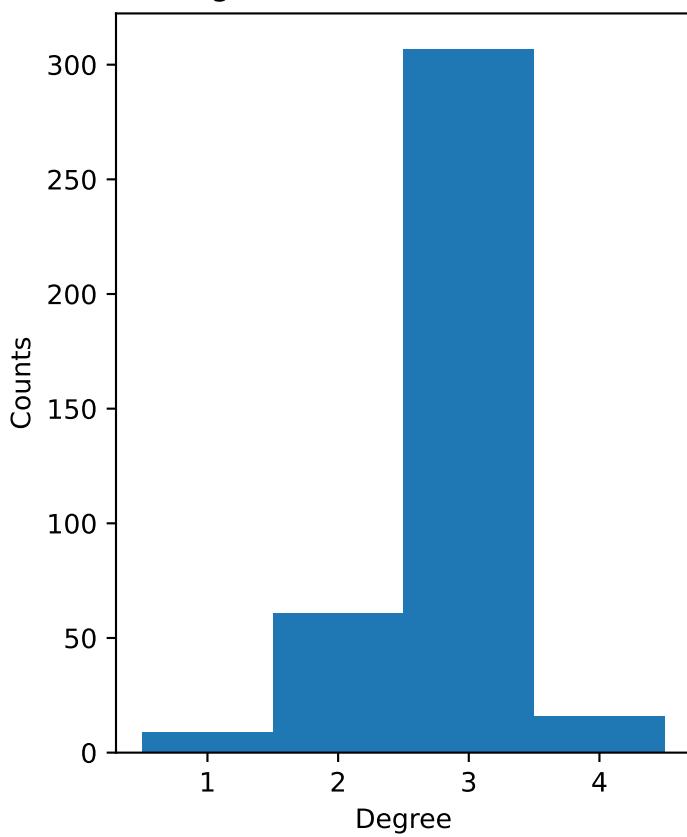
Unweighted GT parameters

Number of nodes	393
Number of edges	558
Connectedness ratio	100.0%
Average degree	2.83969
Network diameter	45
Average node connectivity	2.31809
Graph density	0.00724
Global efficiency	0.09574
Wiener Index	1205818.0
Assortativity coefficient	0.12371
Average clustering coefficient	0.05598
Average betweenness centrality	0.03748
Average eigenvector centrality	0.02371
Average closeness centrality	0.06598
Graph Conductance (max)	0.049099573945901025
Graph Conductance (min)	0.0006026920404172508

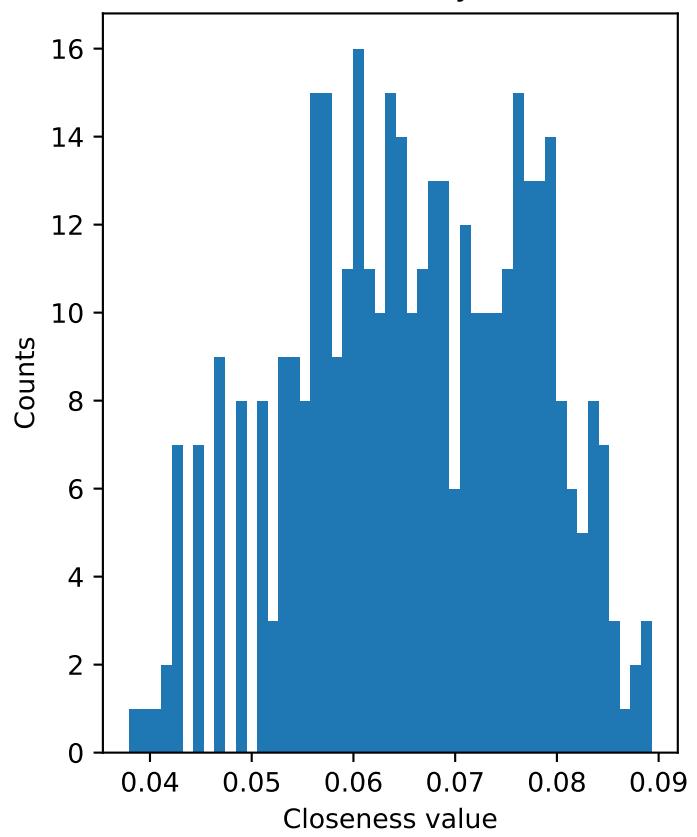
Weighted GT Parameters

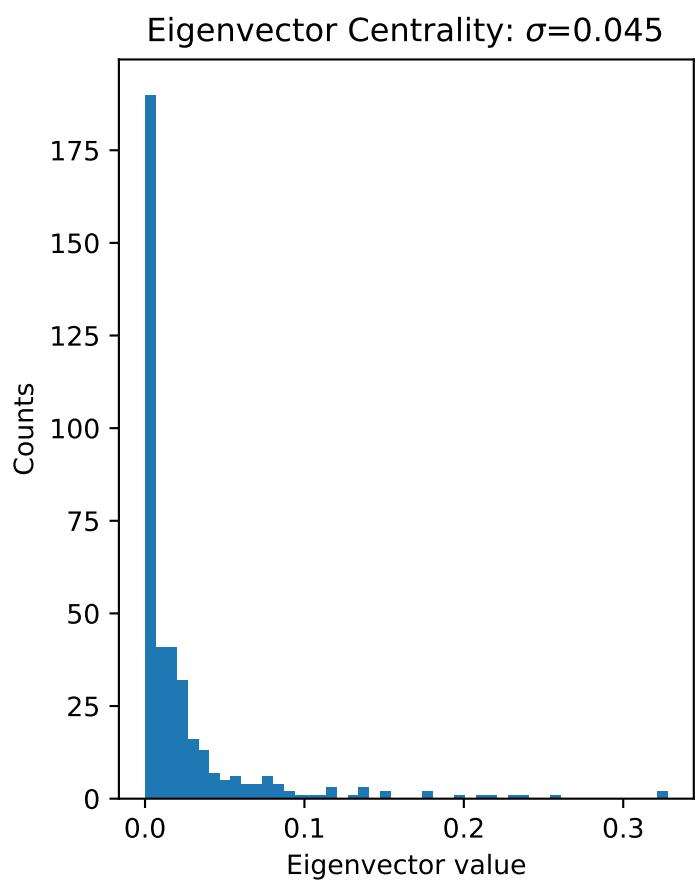
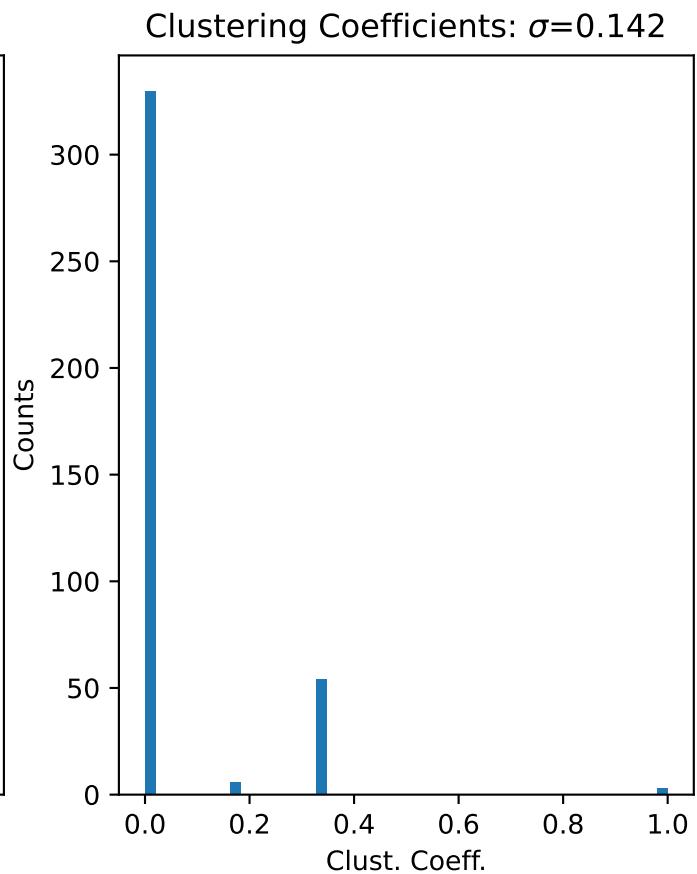
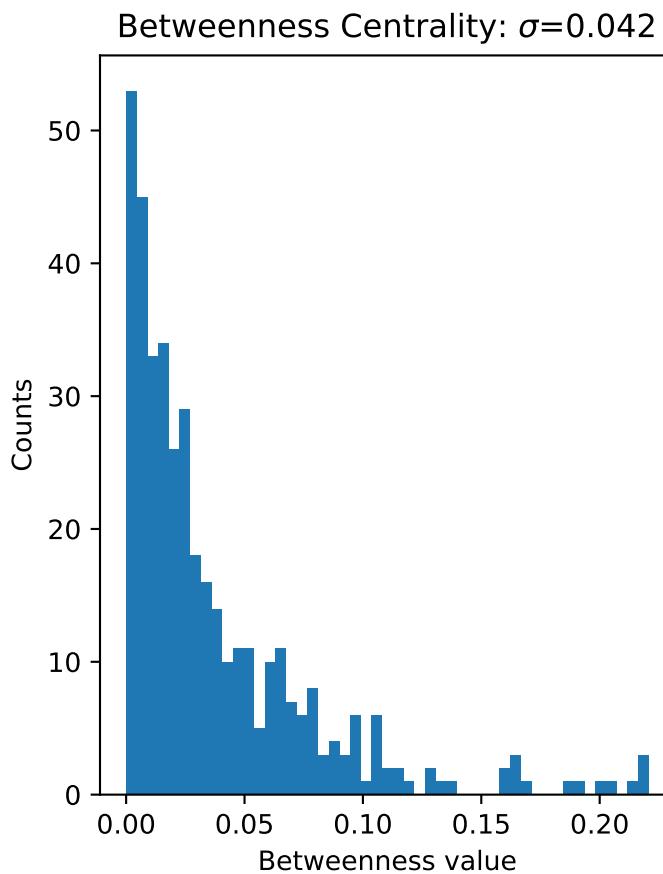
Weighted average degree	5.22871
Length-weighted Wiener Index	23564214.0
Max flow between periphery	3.99443
Weighted assortativity coefficient	0.47174
Width-weighted average betweenness centrality	0.04389
Length-weighted average closeness centrality	0.0034
Width-weighted average eigenvector centrality	0.00478
Weighted Graph Conductance (max)	Weighted 0.049099573945901025
Weighted Graph Conductance (min)	Weighted 0.0006026920404172508

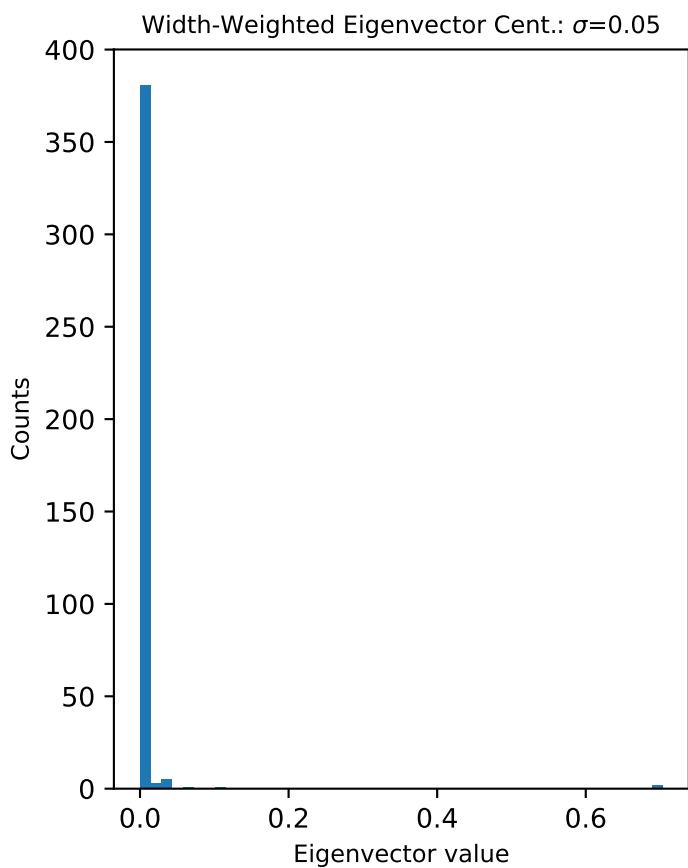
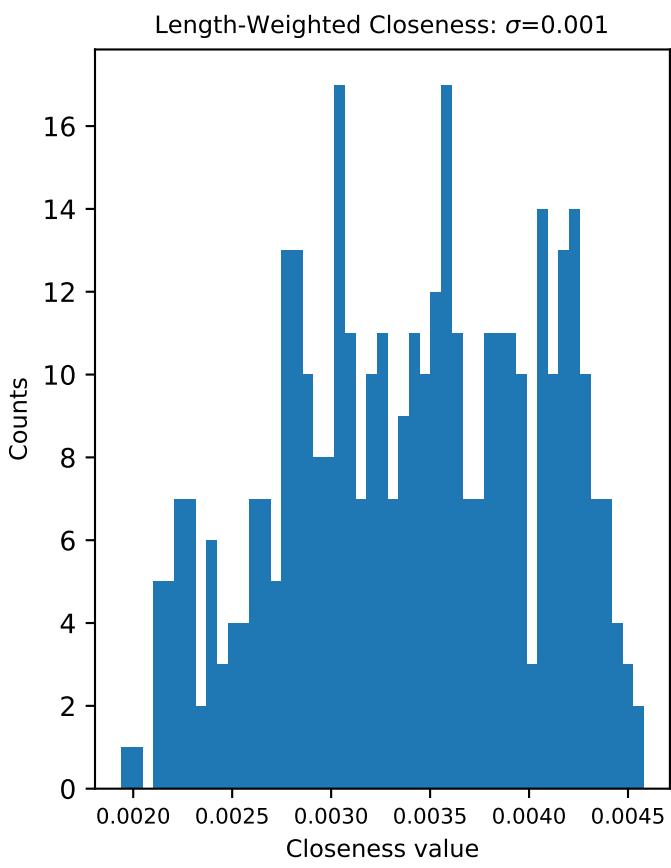
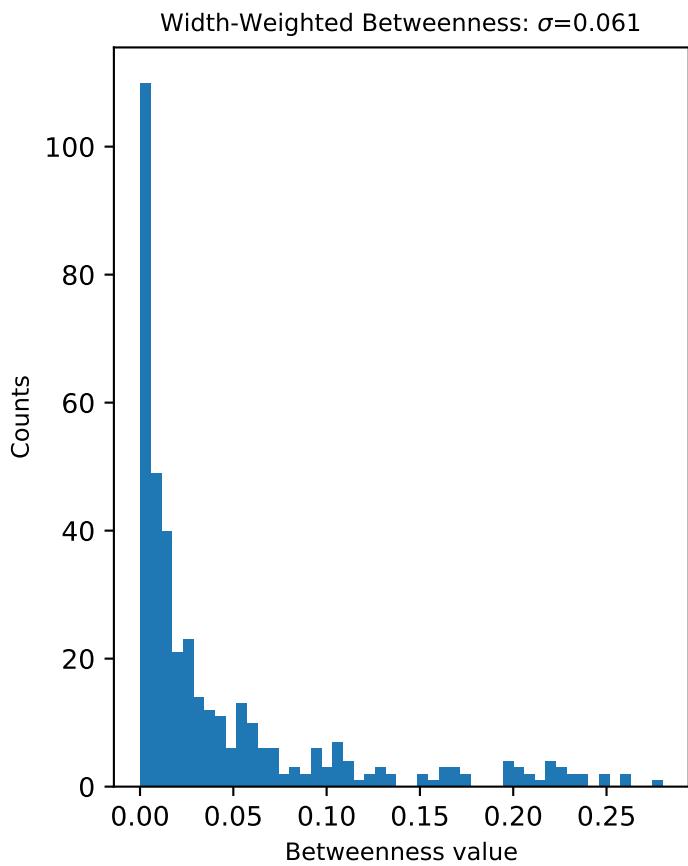
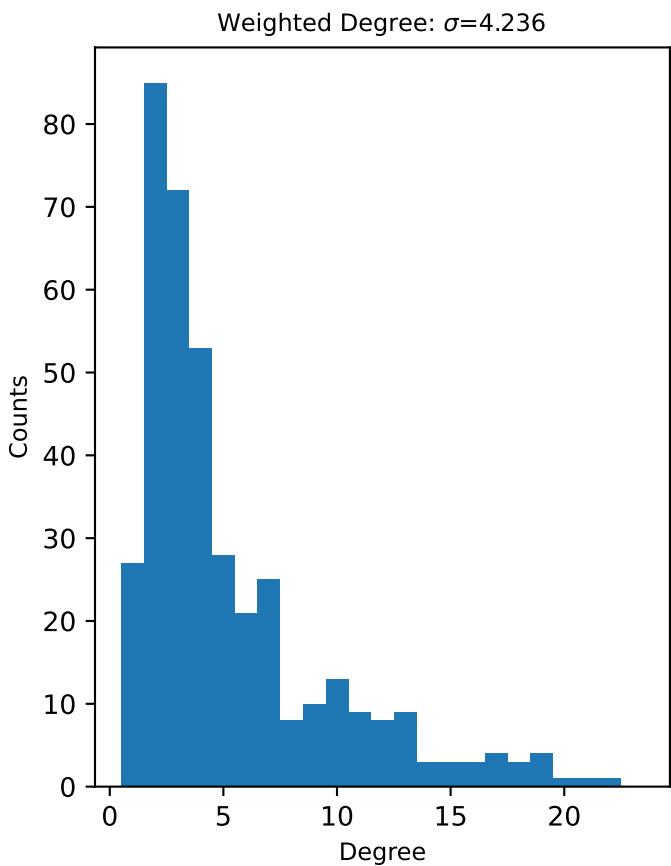
Degree Distribution: $\sigma=0.512$



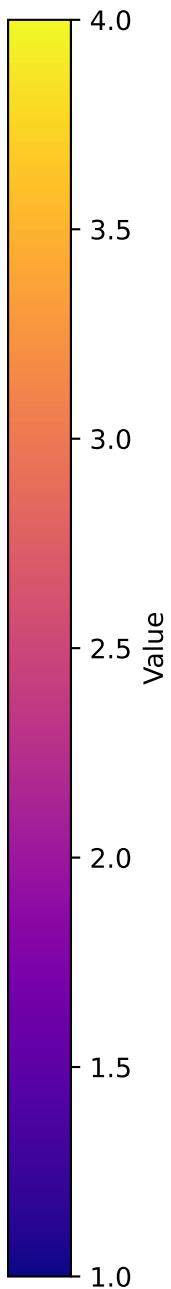
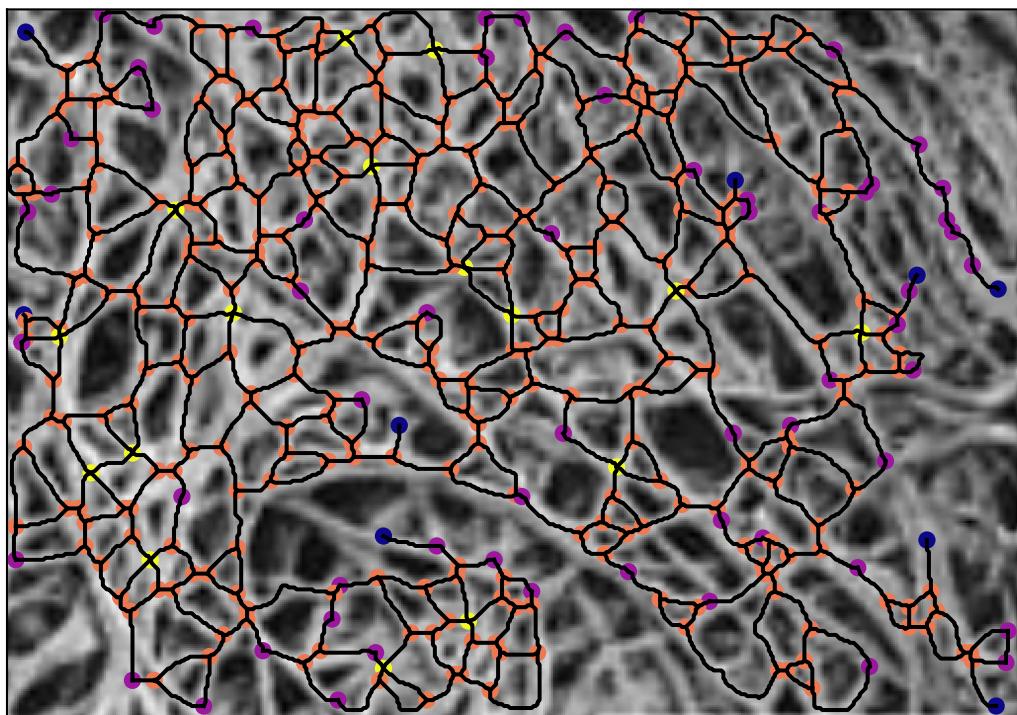
Closeness Centrality: $\sigma=0.011$



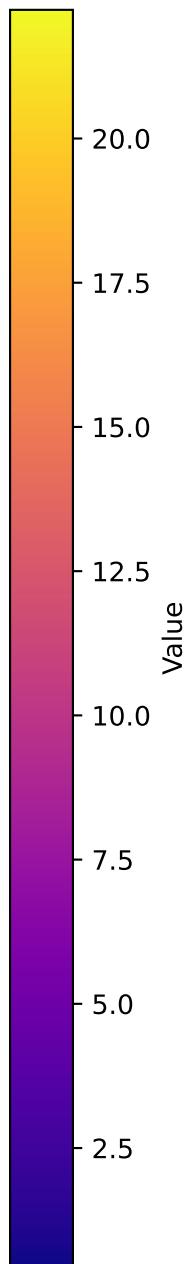
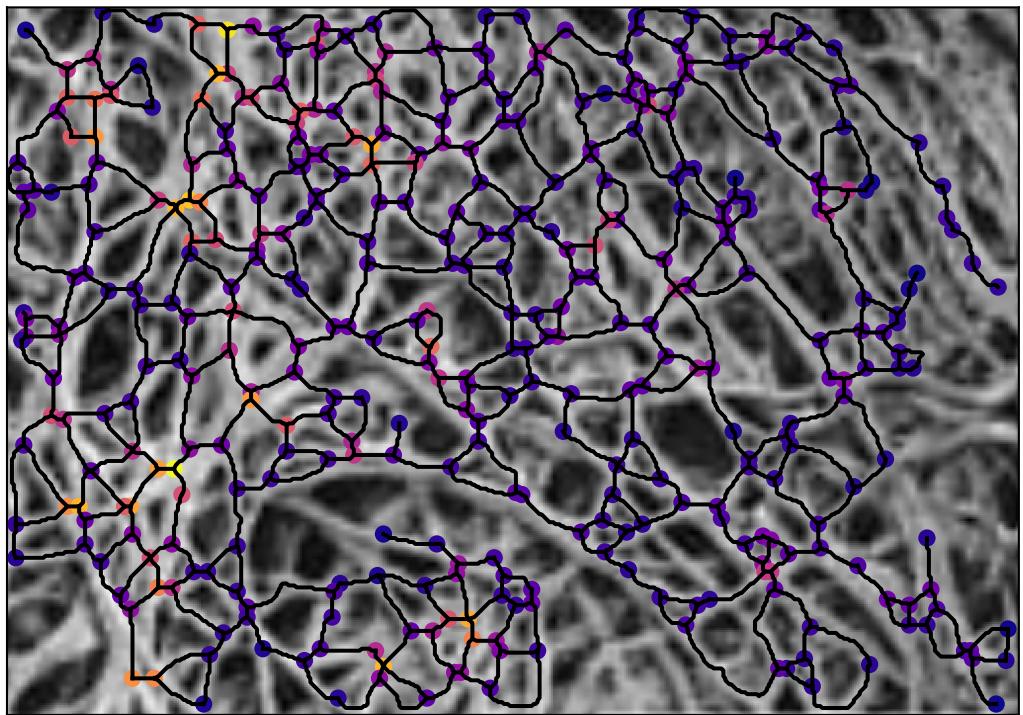




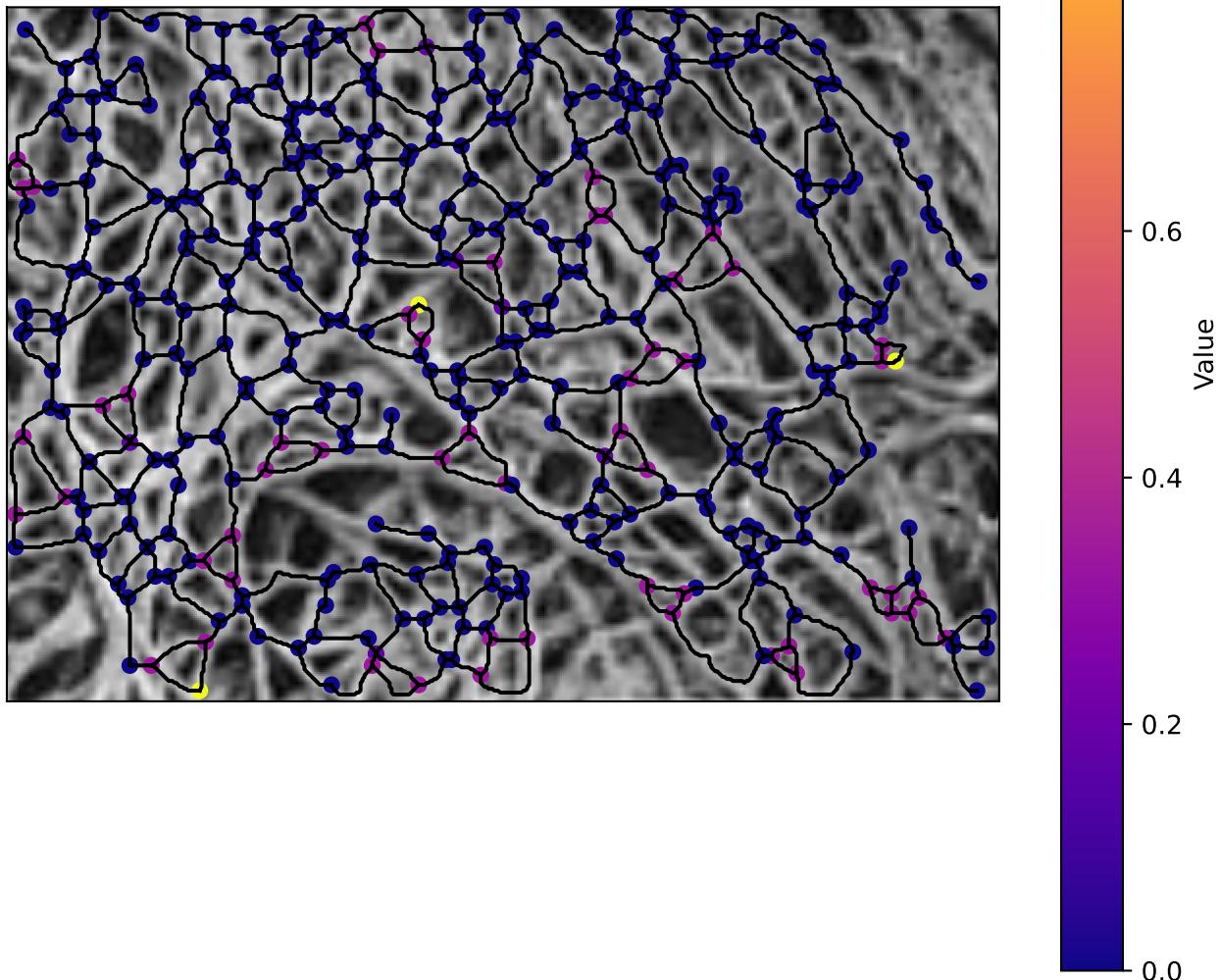
Degree Heatmap



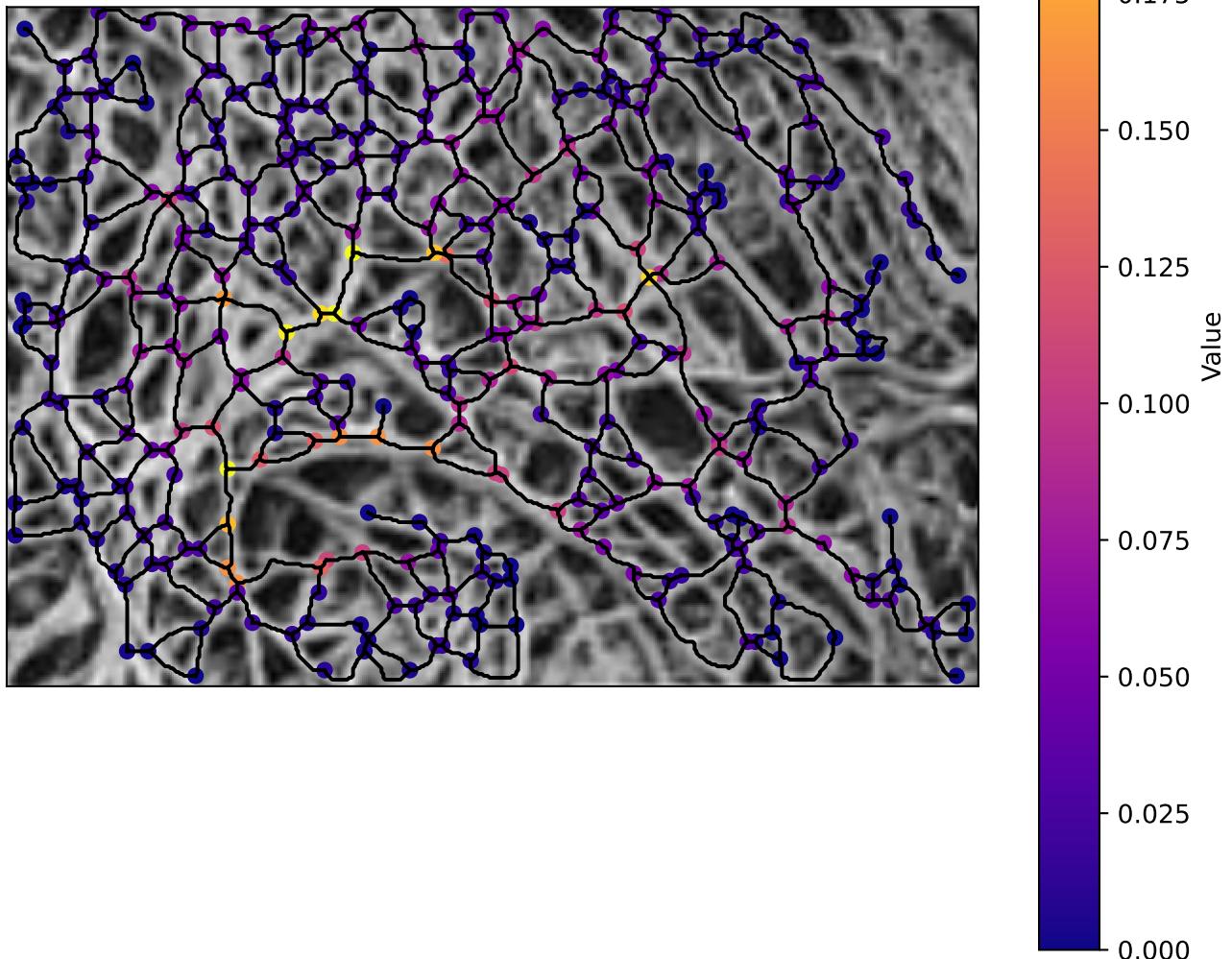
Weighted Degree Heatmap



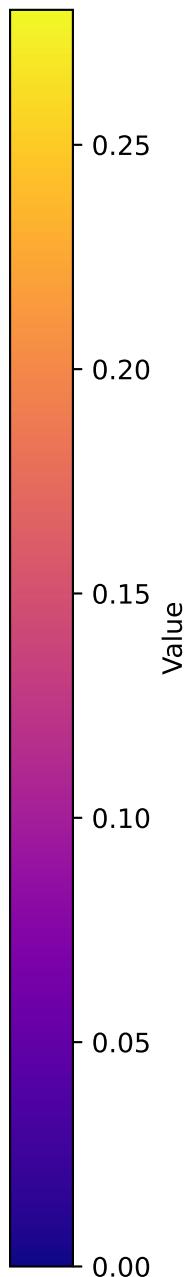
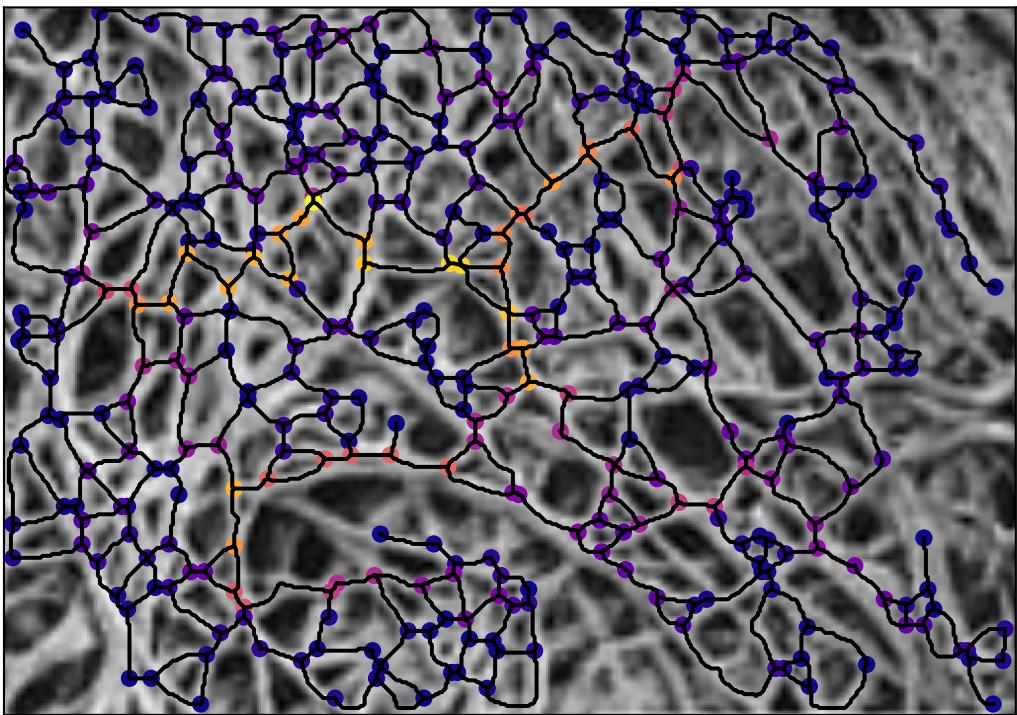
Clustering Coefficient Heatmap



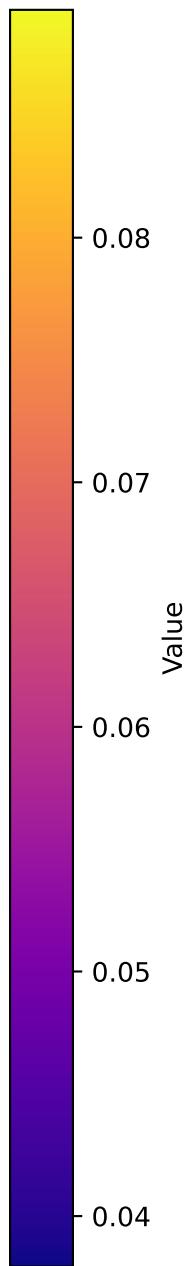
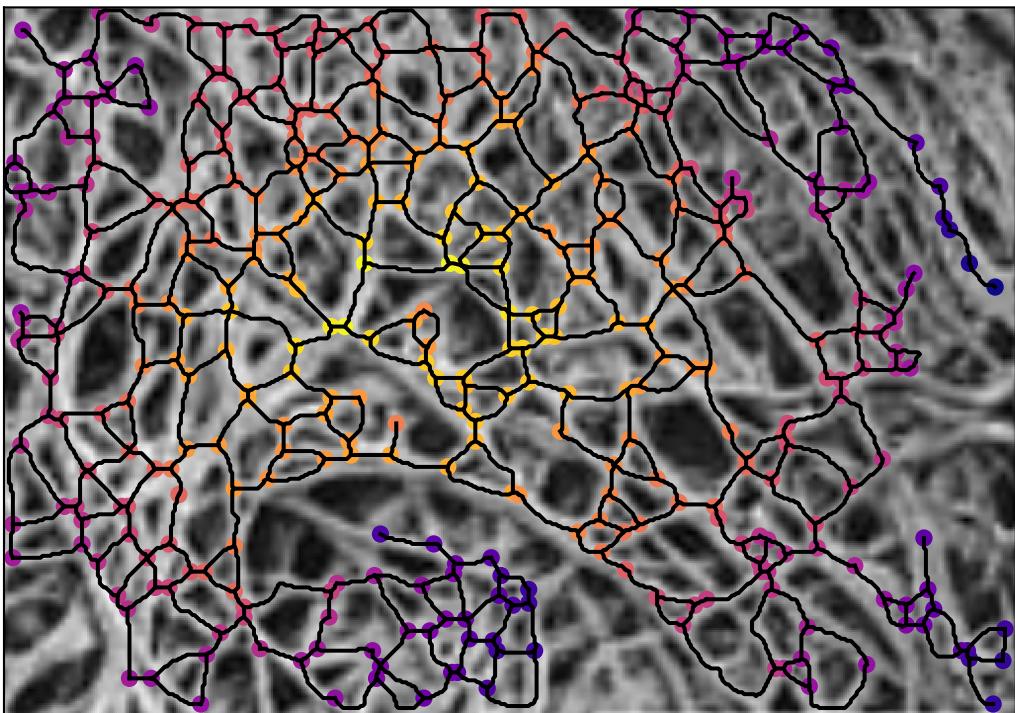
Betweenness Centrality Heatmap



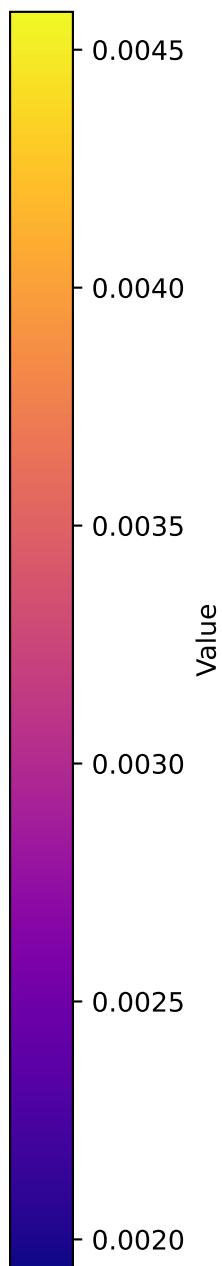
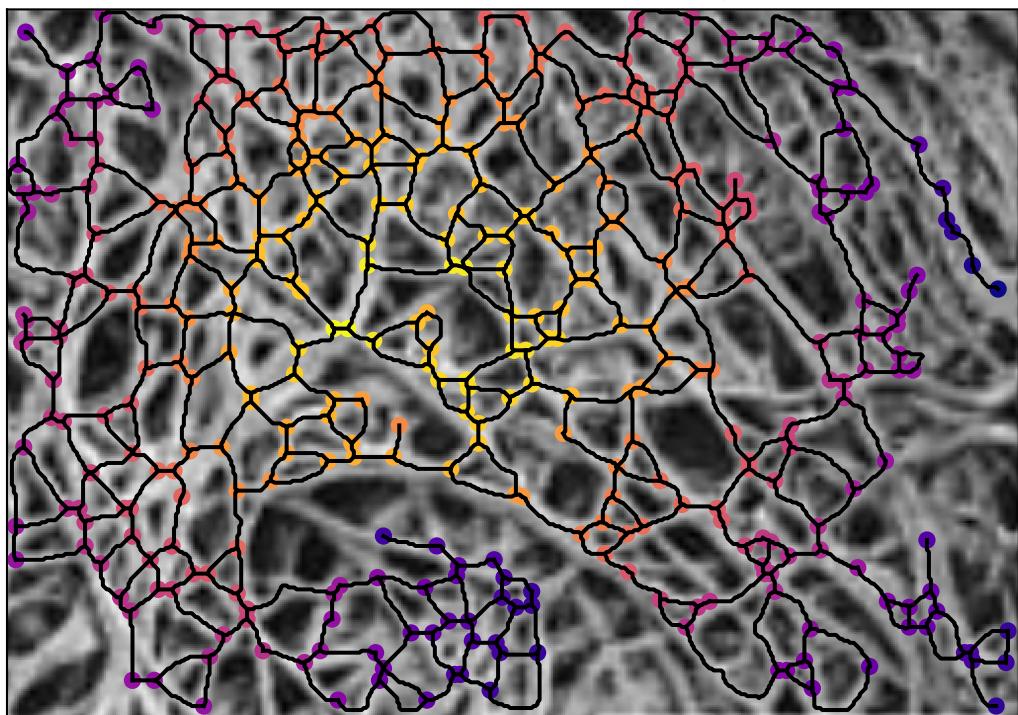
Width-Weighted Betweenness Centrality Heatmap



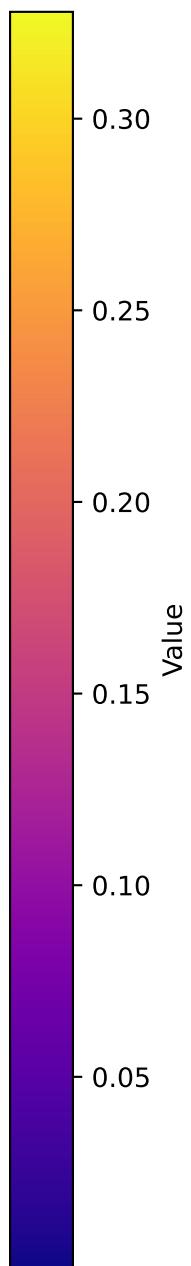
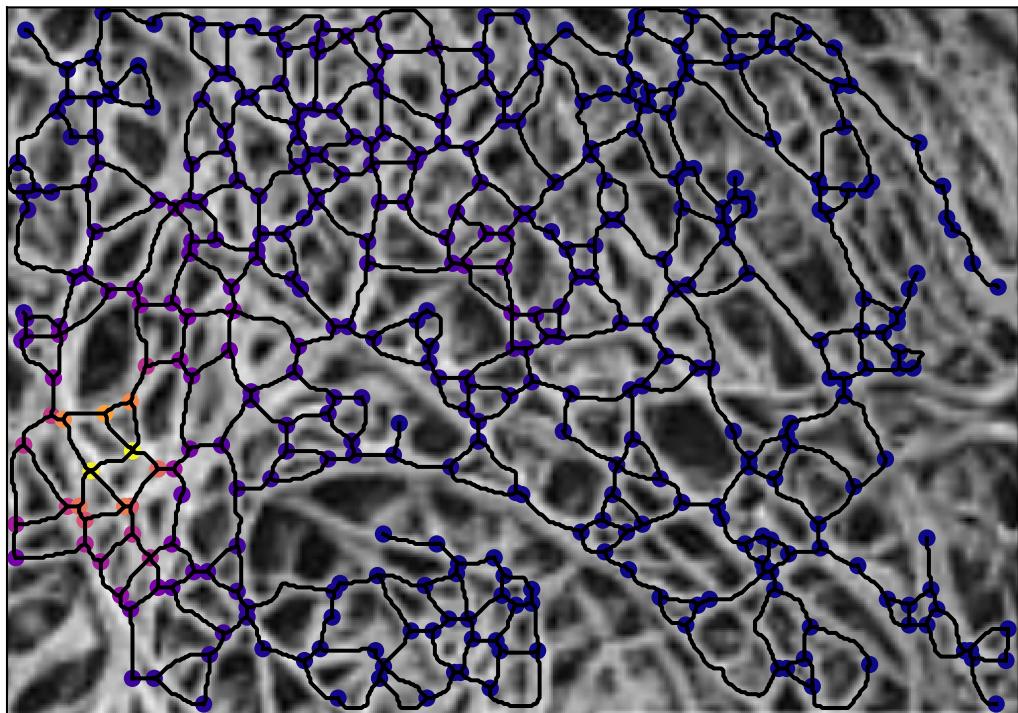
Closeness Centrality Heatmap



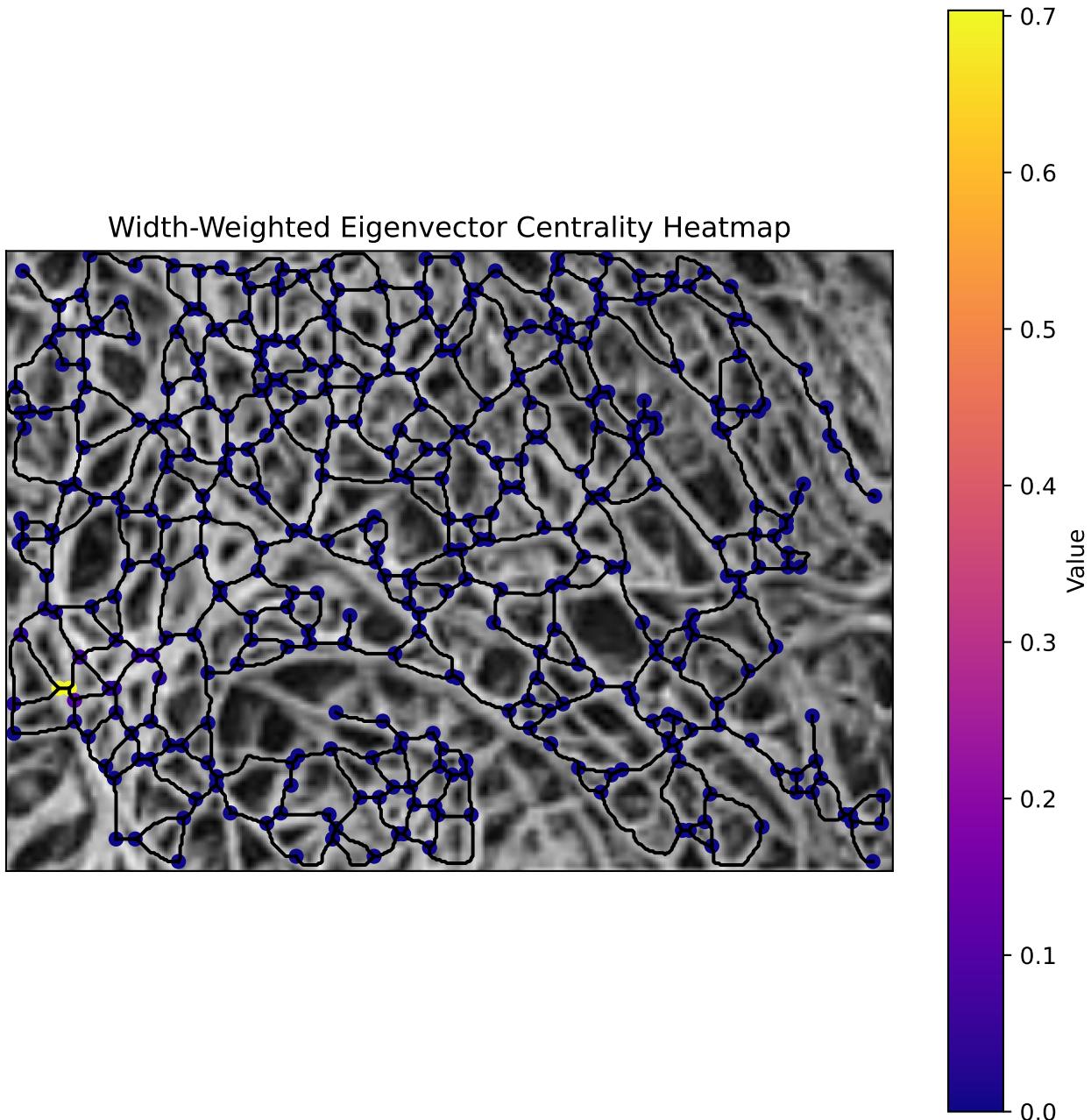
Length-Weighted Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Width-Weighted Eigenvector Centrality Heatmap



Run Info

C:/Users/owuor/kotov_lab/chaos-gt/examples/InVitroBioFilm.png || 2024-02-12 12:47:28
|| Global Threshold (127) || Gaussian Blur, None bit kernel || Low-pass filterNone
|| Merge Nodes || Prune Dangling Edges || Remove Objects of Size 500 || Remove Self Loops