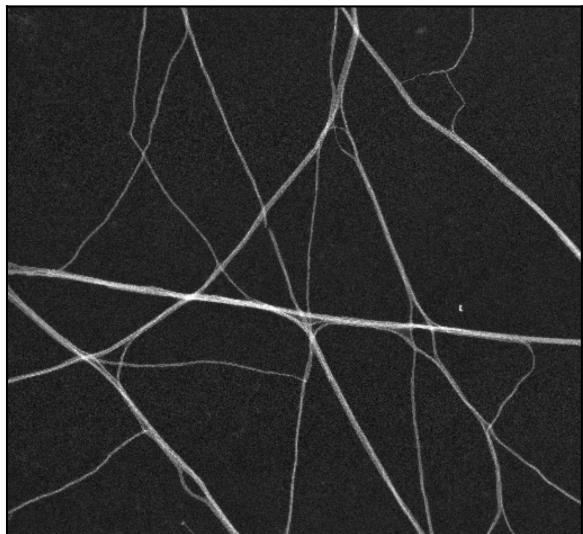
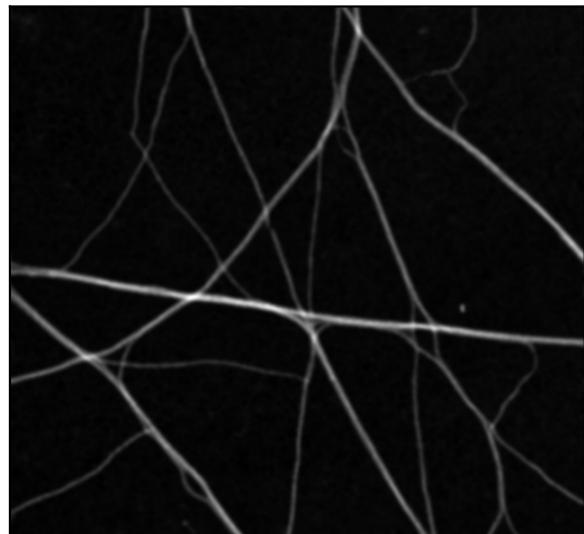


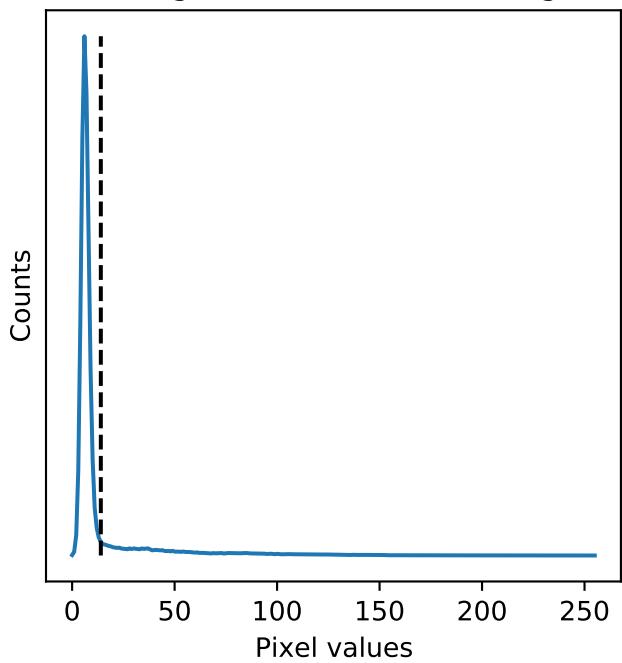
Original Image



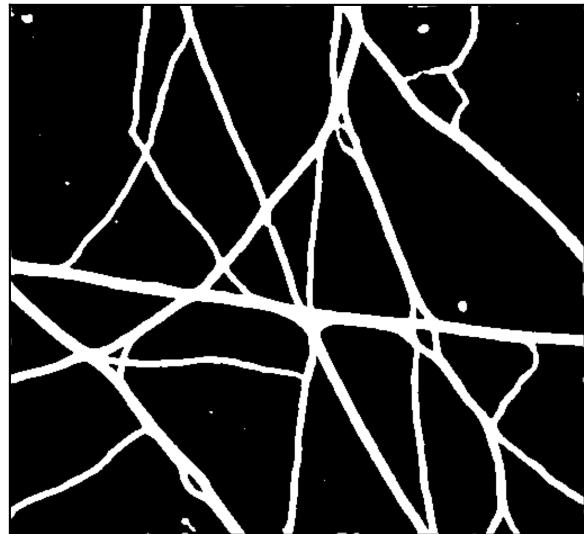
Processed Image



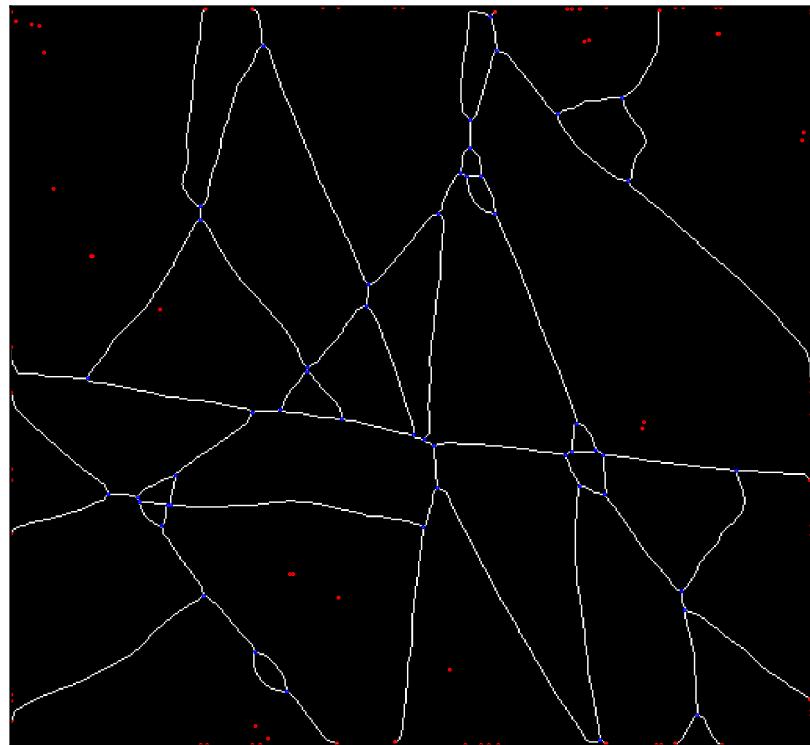
Histogram of Processed Image



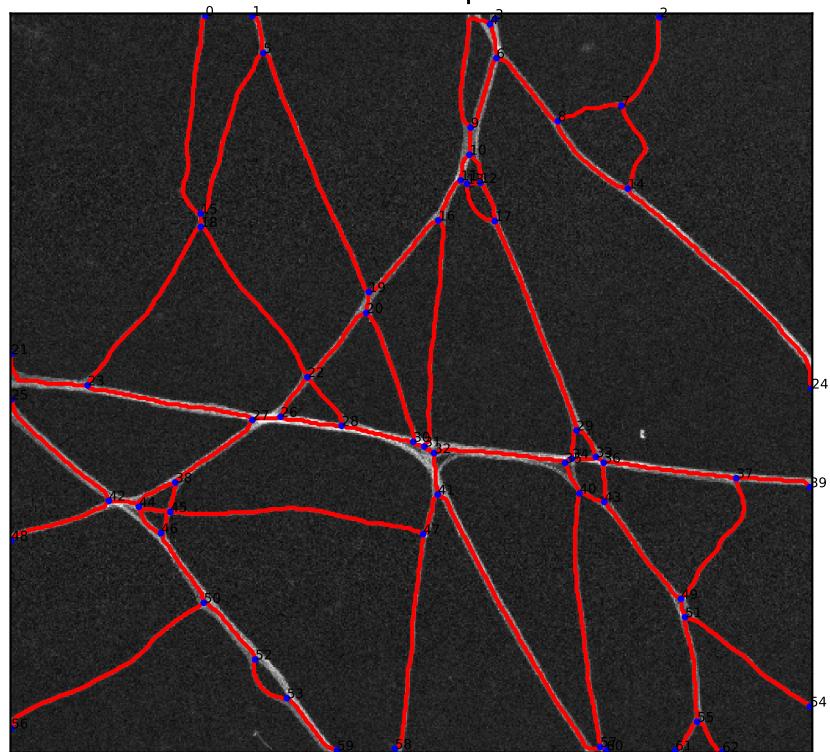
Binary Image



Skeletal Image



Final Graph

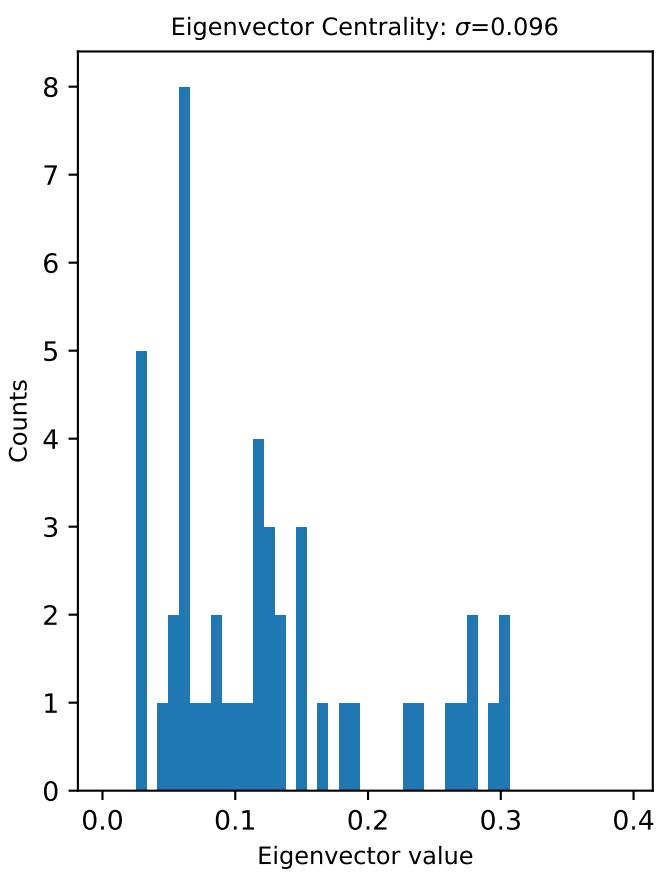
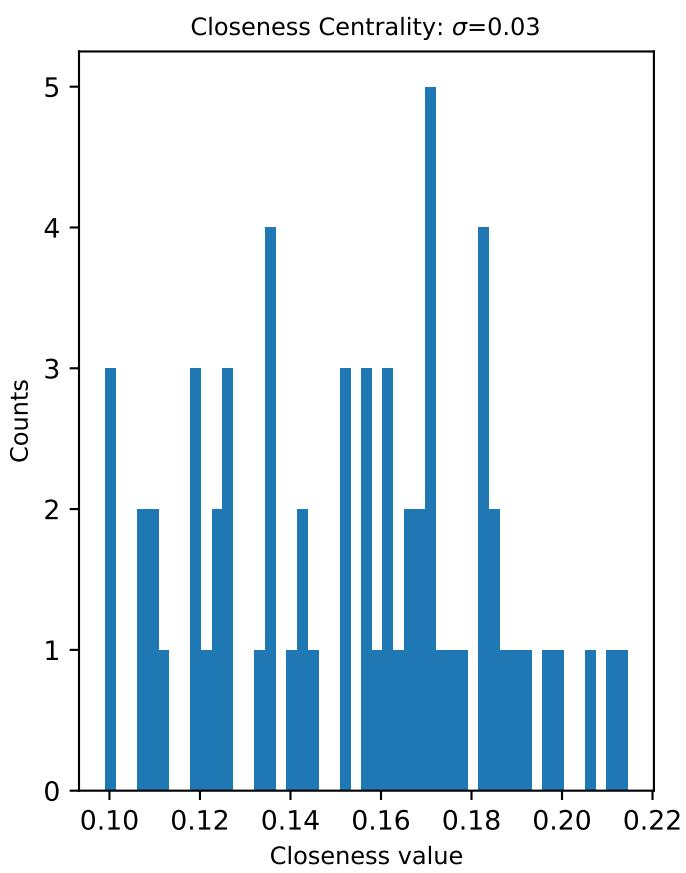
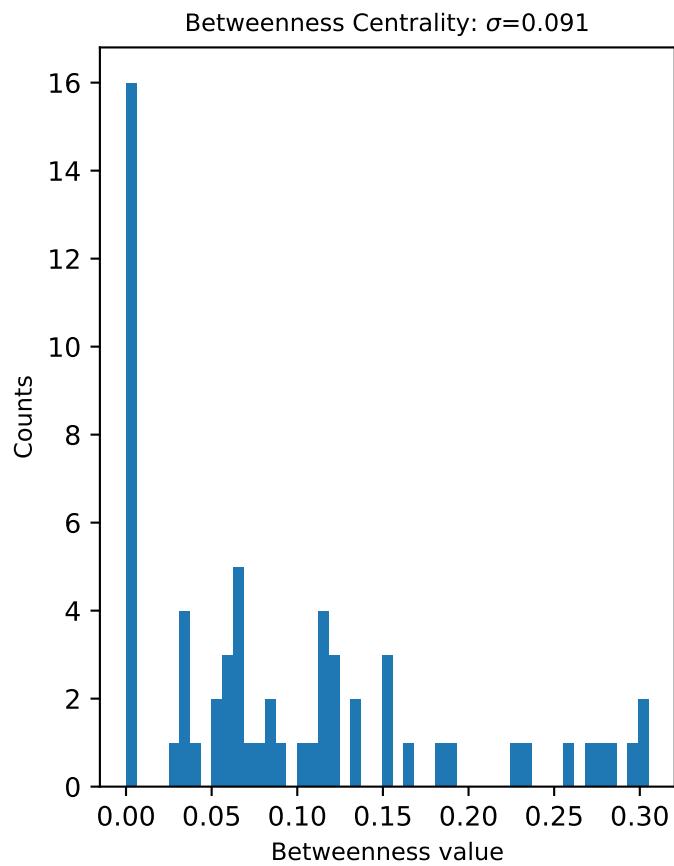
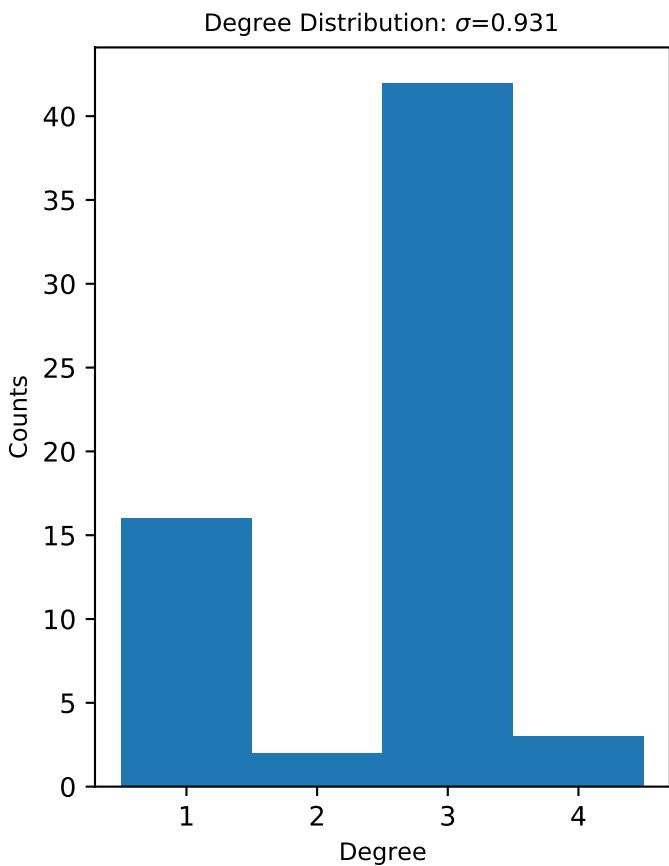


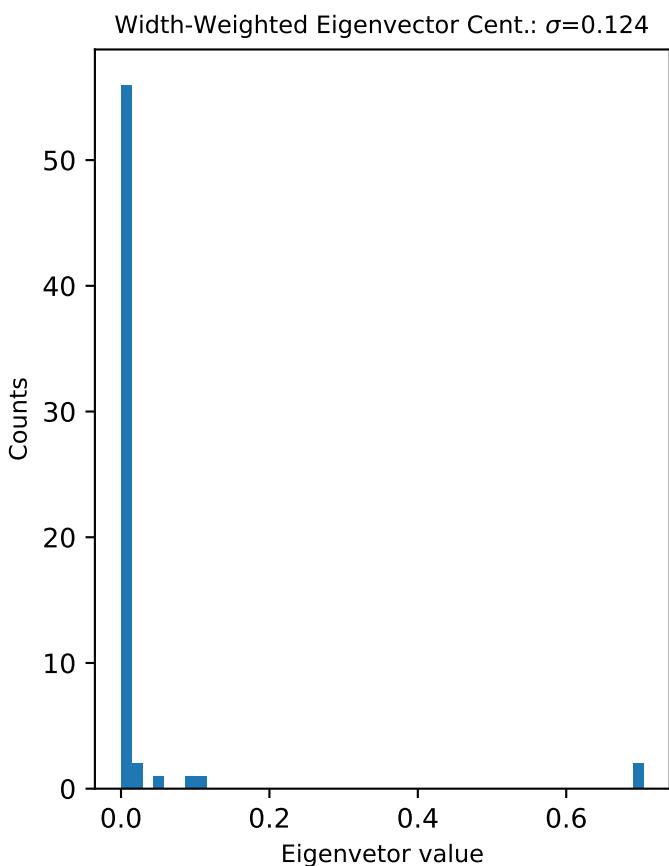
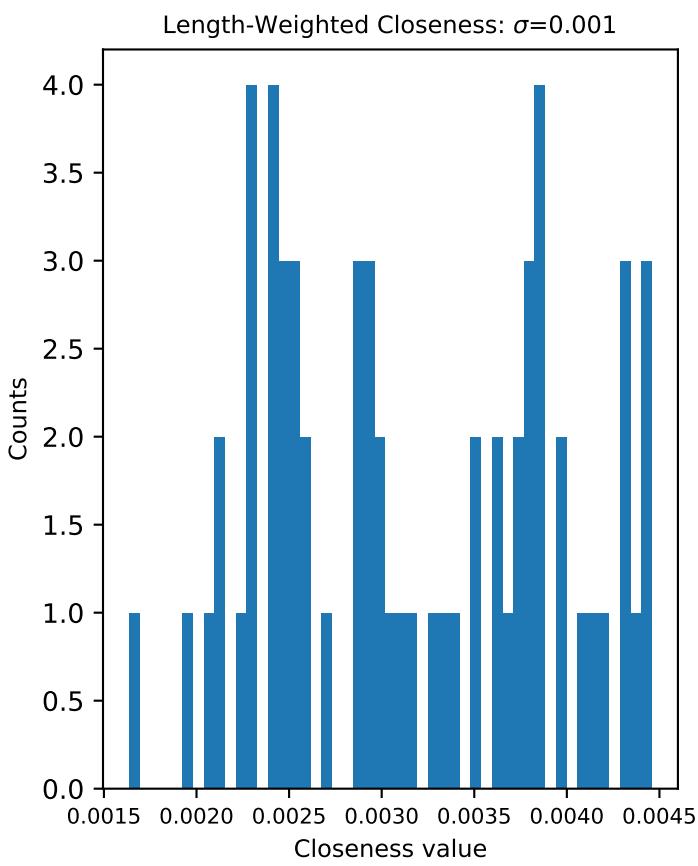
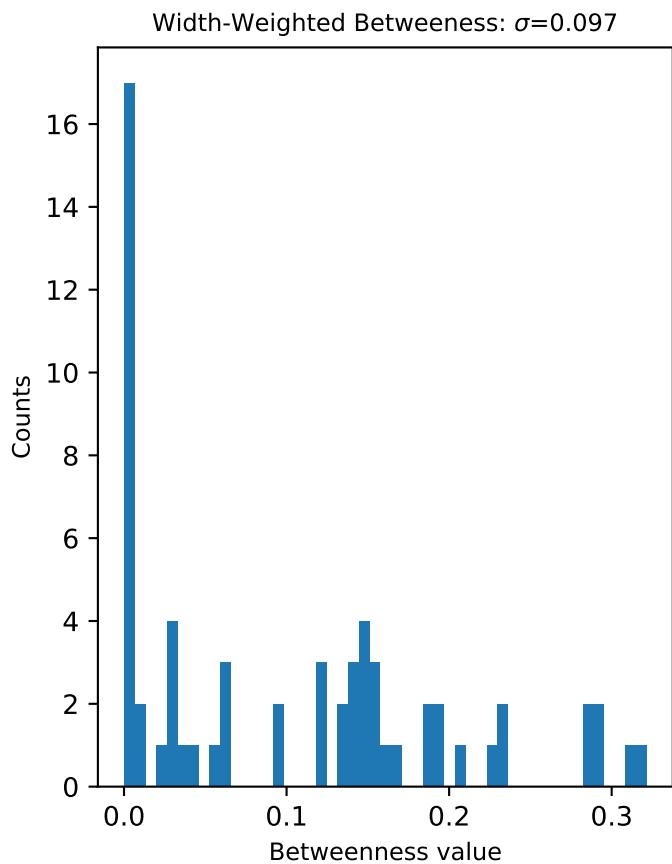
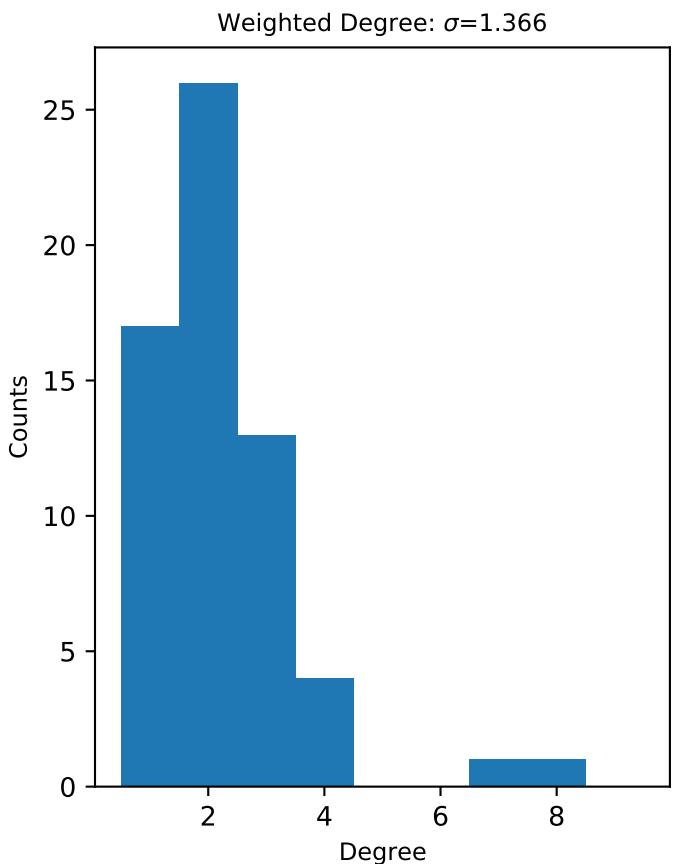
Unweighted GT parameters

Number of nodes	63.0
Number of edges	79.0
Average degree	2.50794
Network diameter	17.0
Graph density	0.04045
Global efficiency	0.21631
Wiener Index	13252.0
Average clustering coefficient	0.09788
Average nodal connectivity	1.38198
Assortativity coefficient	0.05703
Average betweenness centrality	0.09484
Average closeness centrality	0.15356
Average eigenvector centrality	0.08295

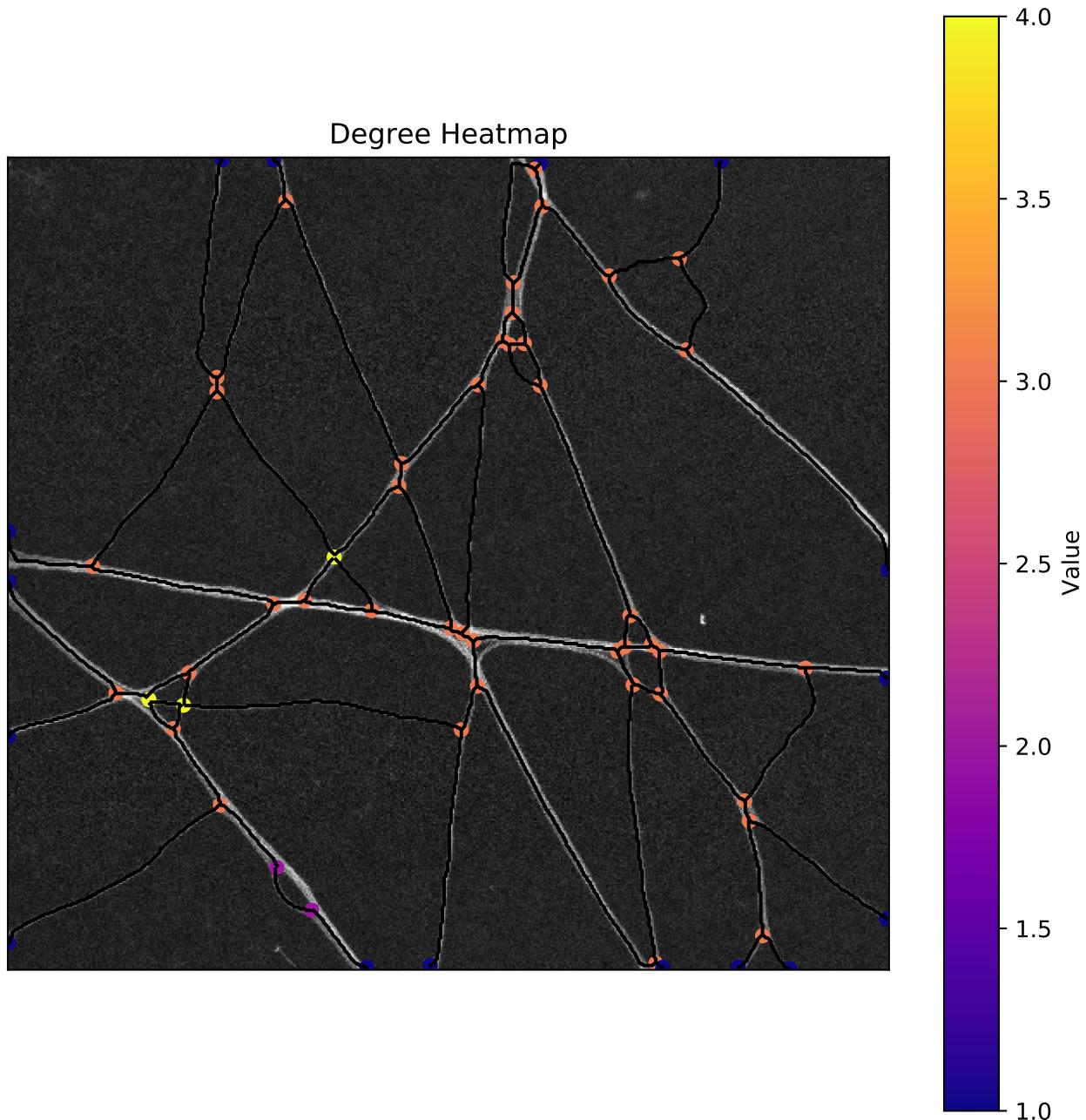
Weighted GT Parameters

Weighted average degree	2.13736
Length-weighted Wiener Index	653875.8
Max flow between periphery	0.53852
Weighted assortativity coefficient	0.28936
Width-weighted average betweenness centrality	0.10438
Length-weighted average closeness centrality	0.00317
Width-weighted average eigenvector centrality	0.02756

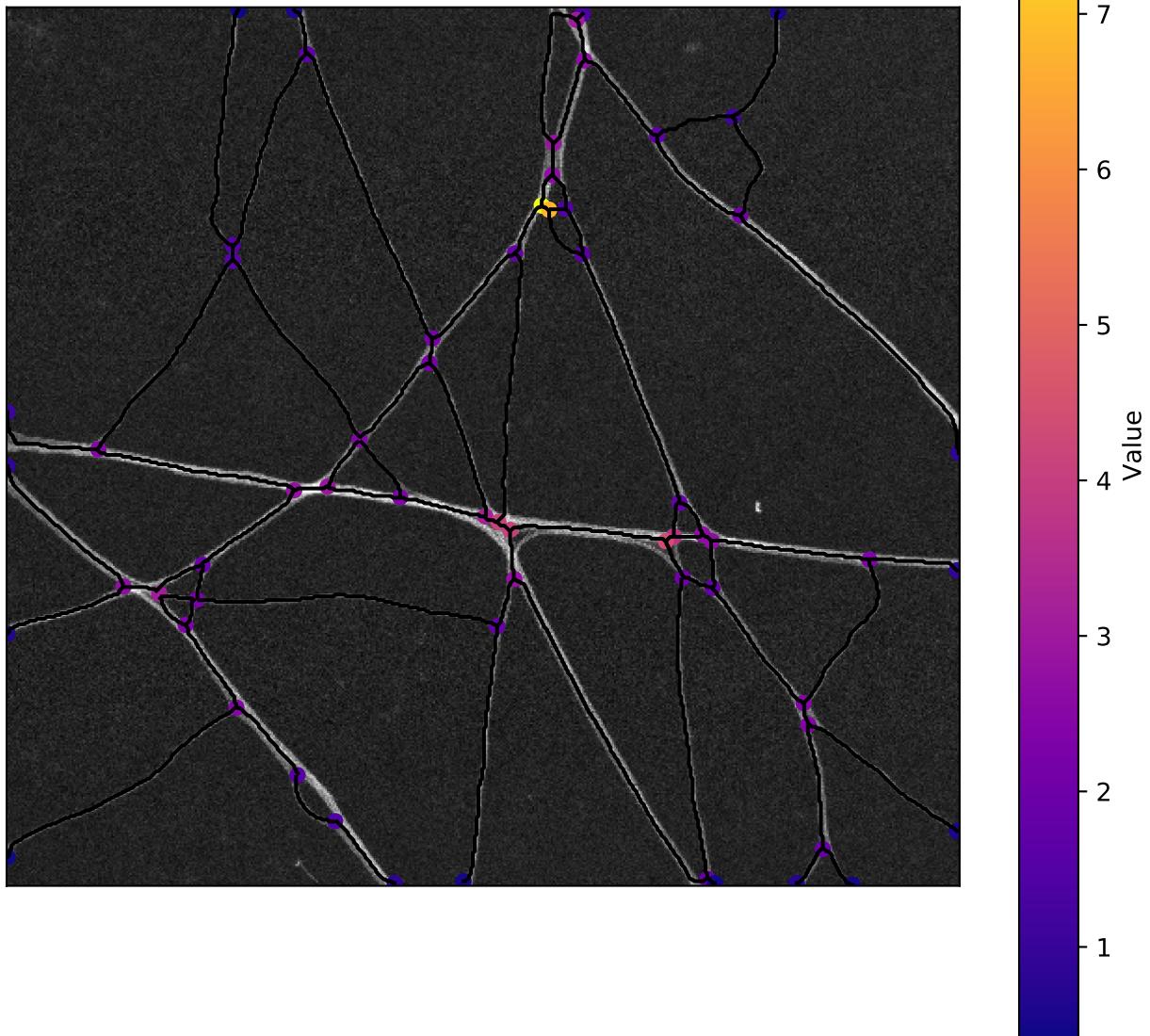




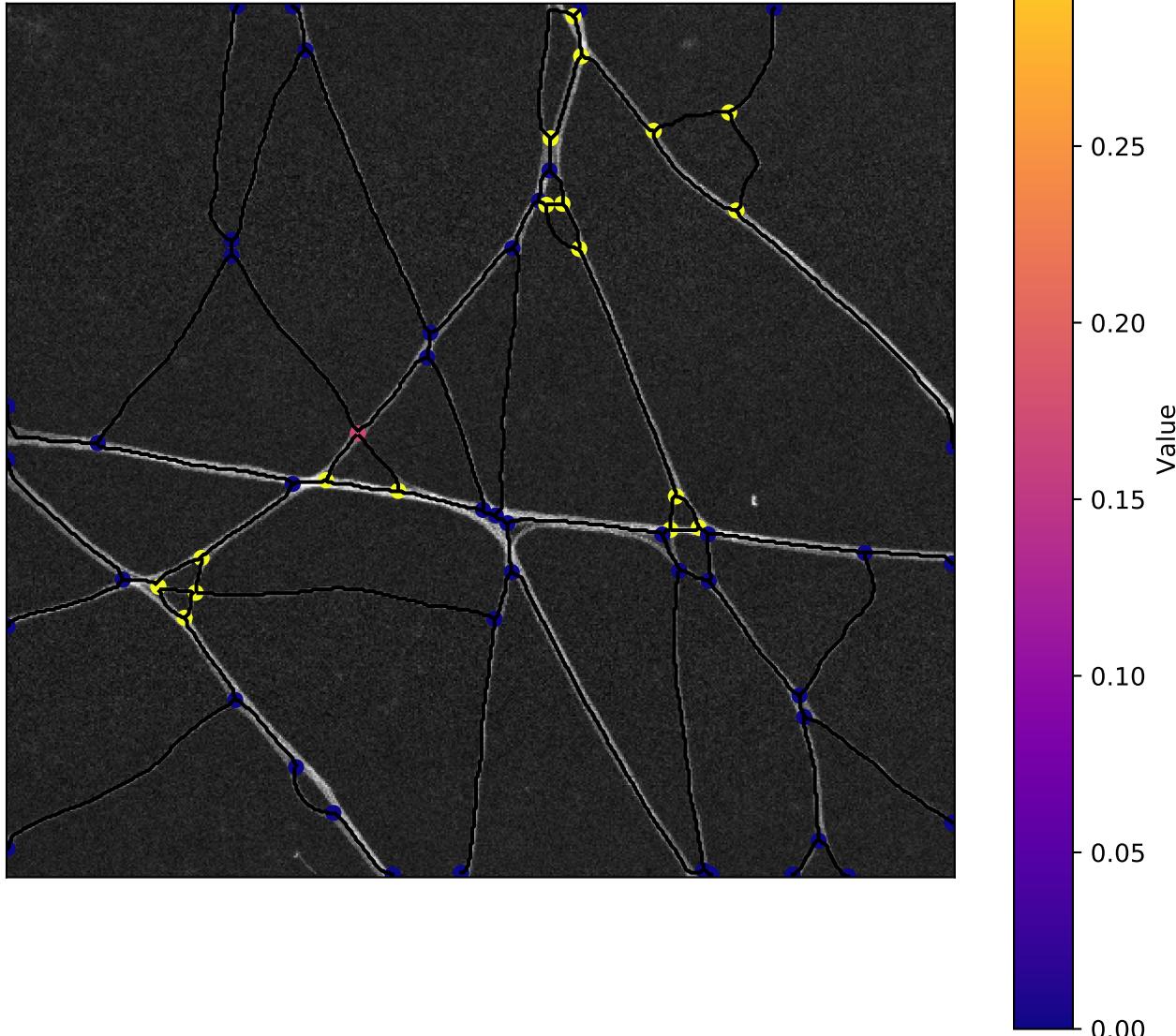
Degree Heatmap



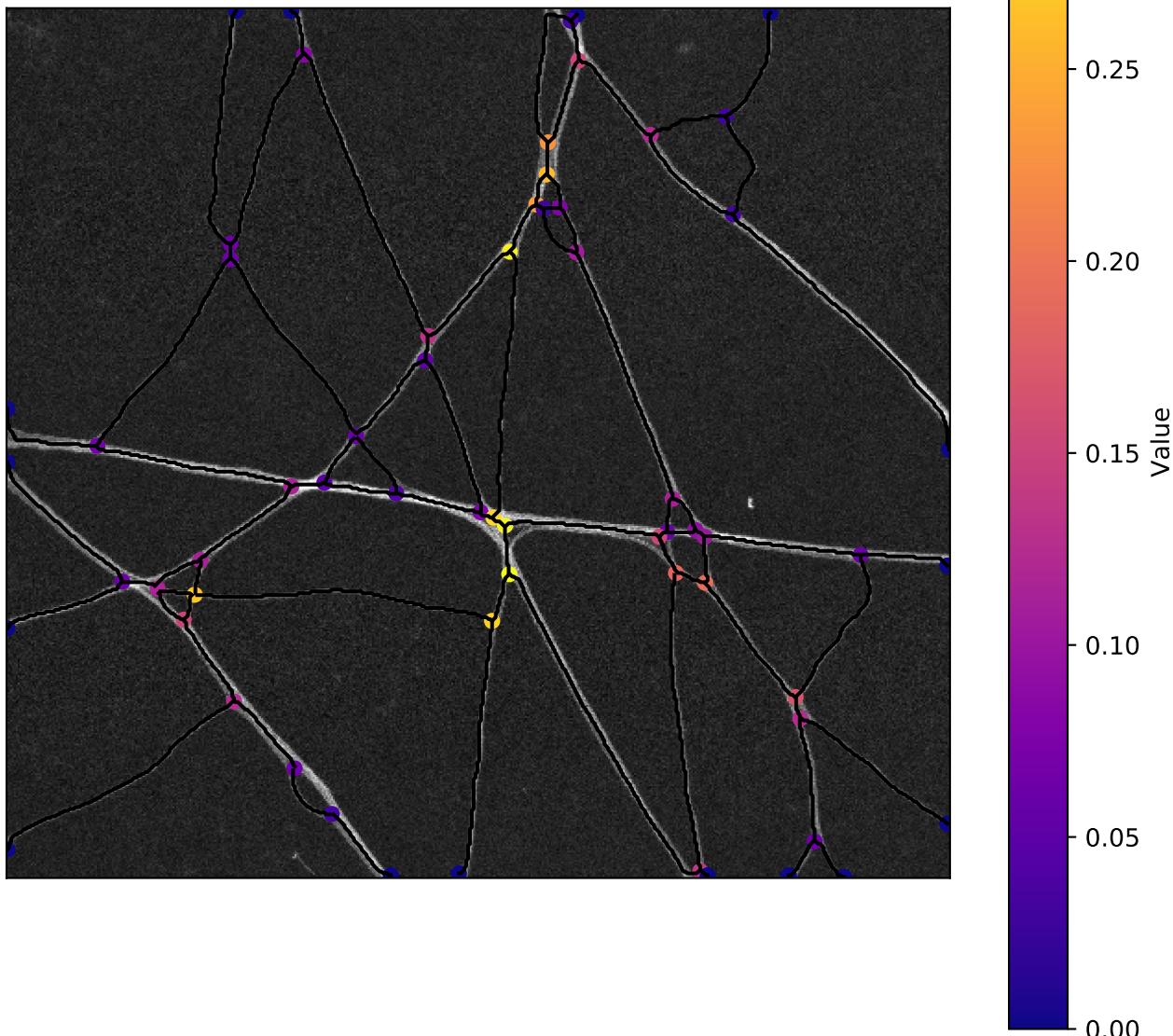
Weighted Degree Heatmap



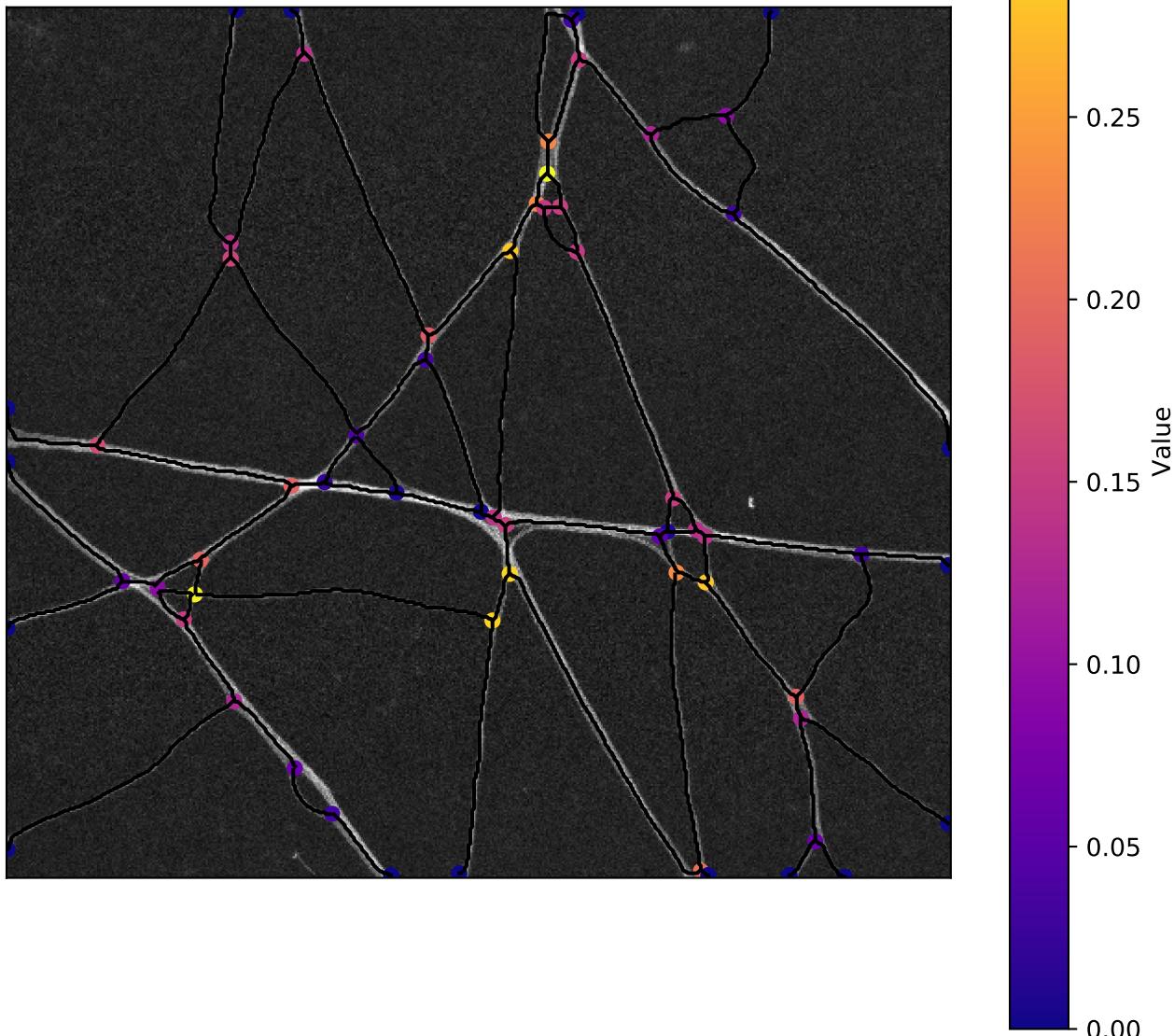
Clustering Coefficient Heatmap



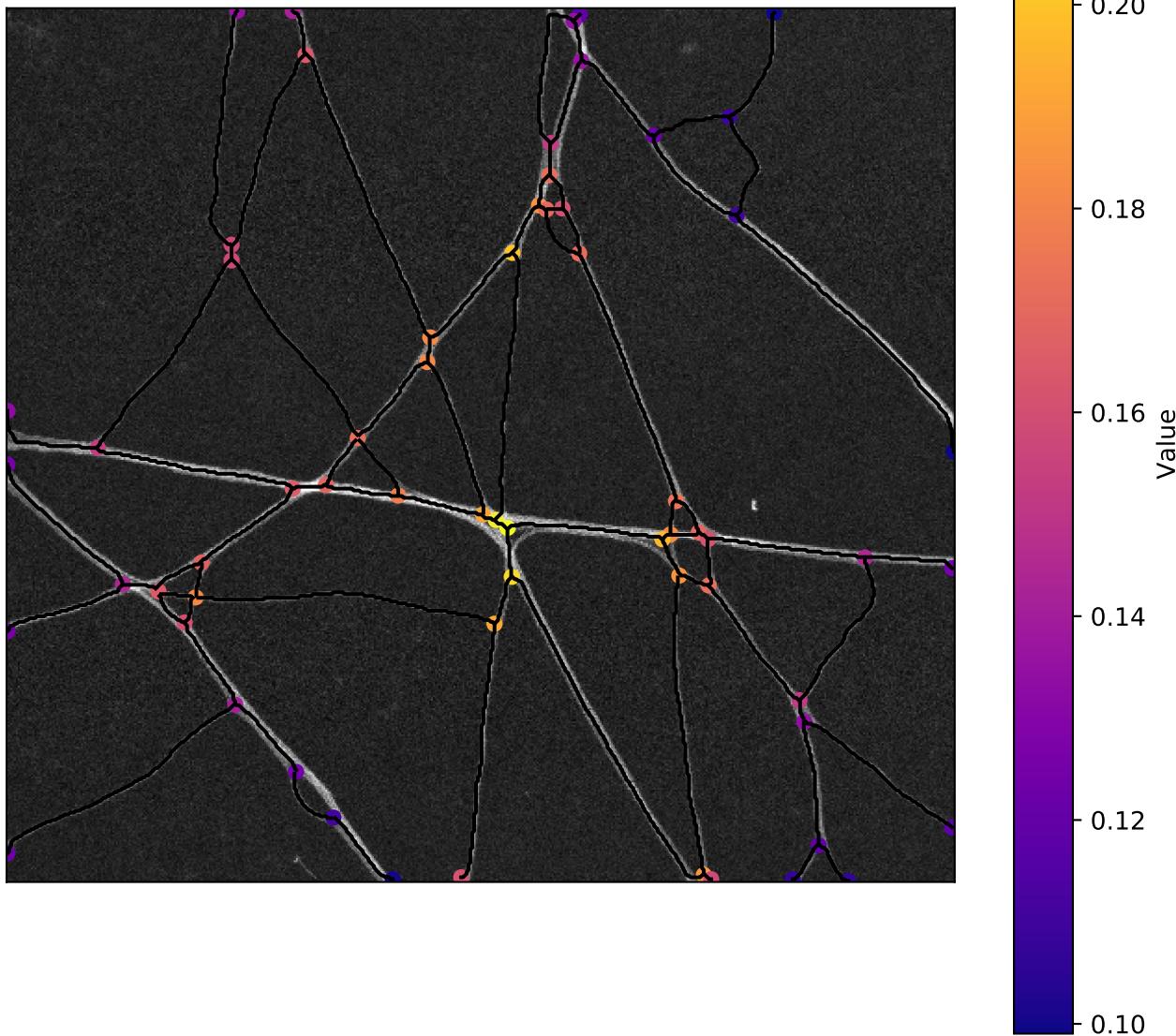
Betweenness Centrality Heatmap



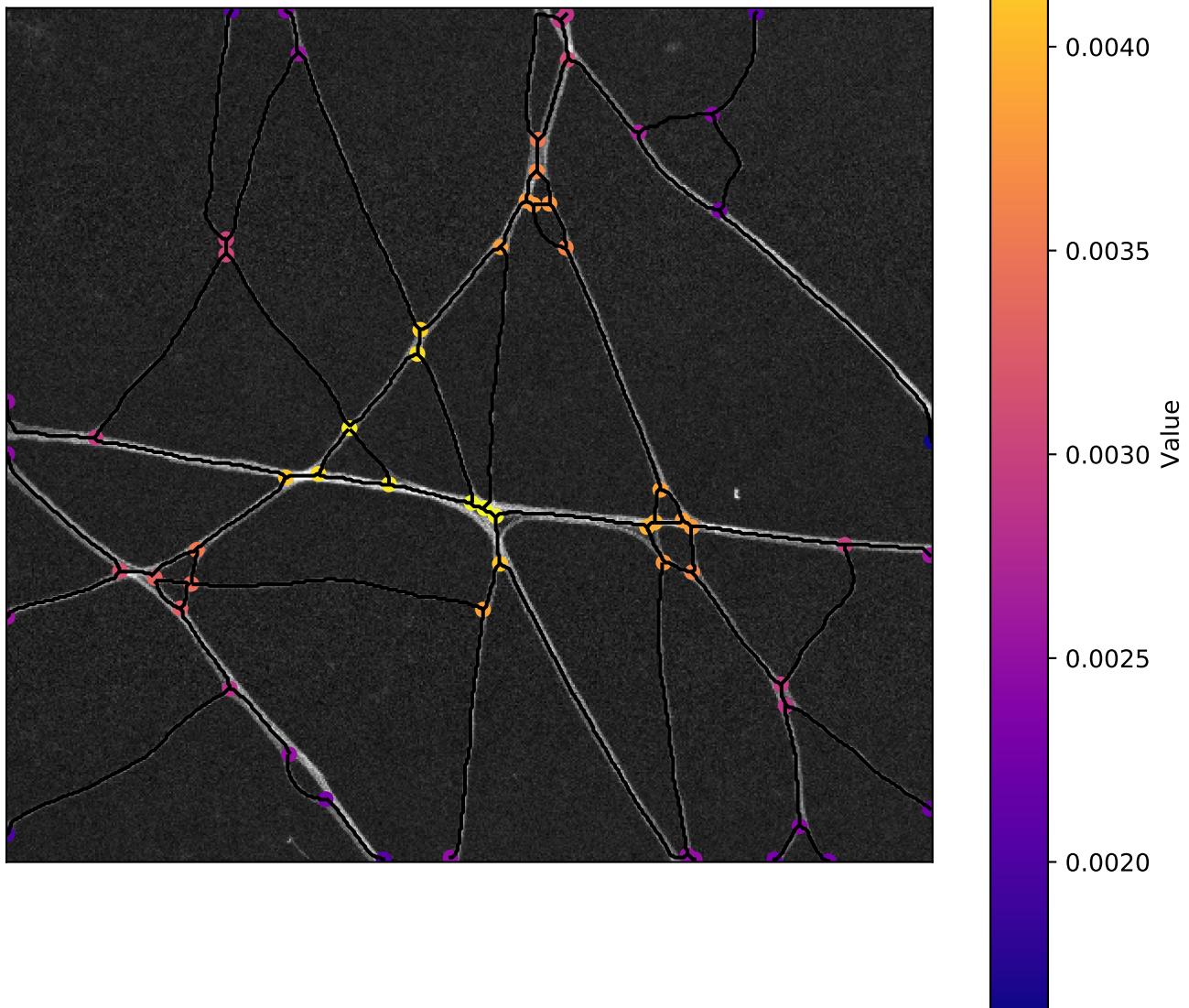
Width-Weighted Betweenness Centrality Heatmap



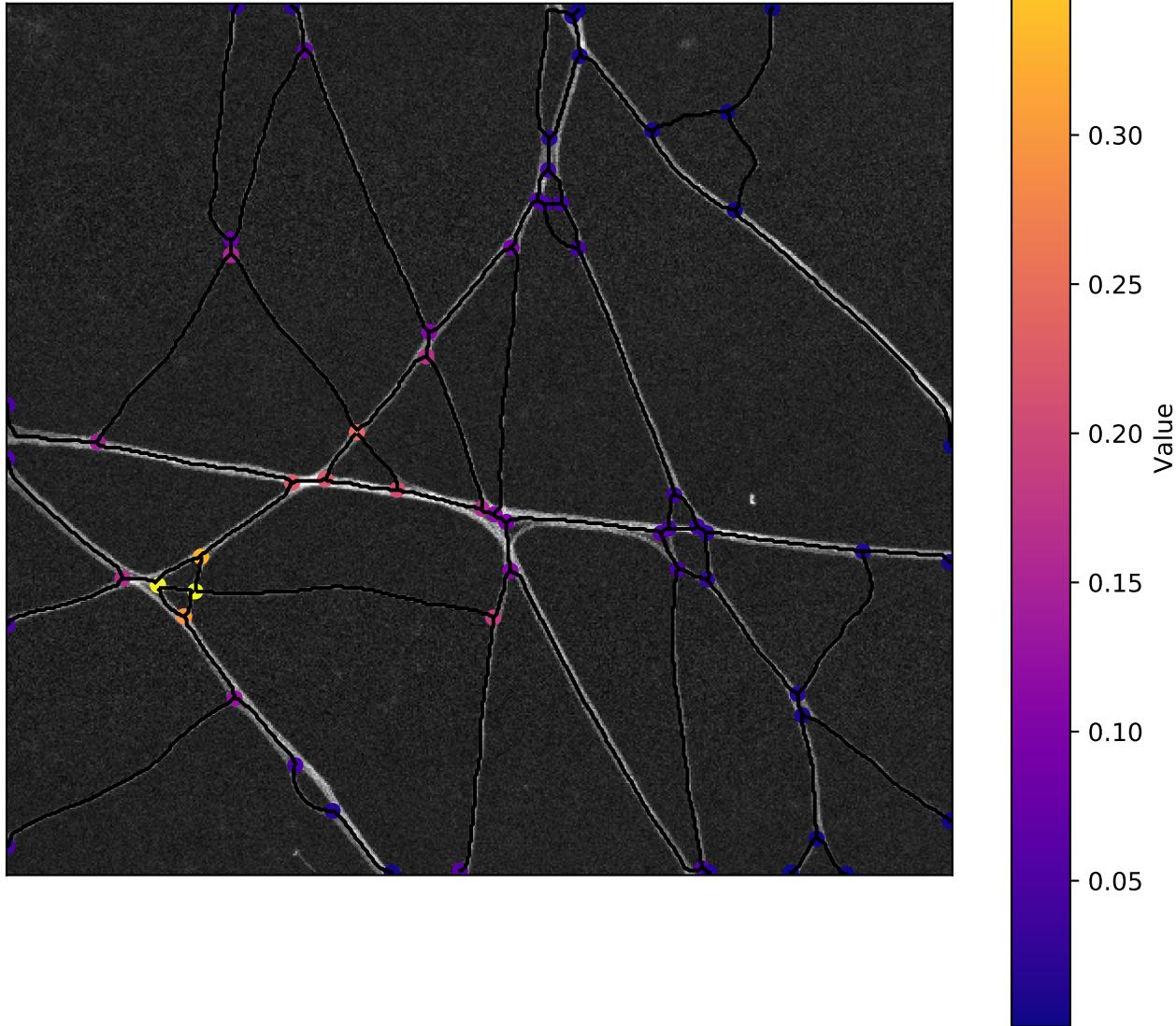
Closeness Centrality Heatmap



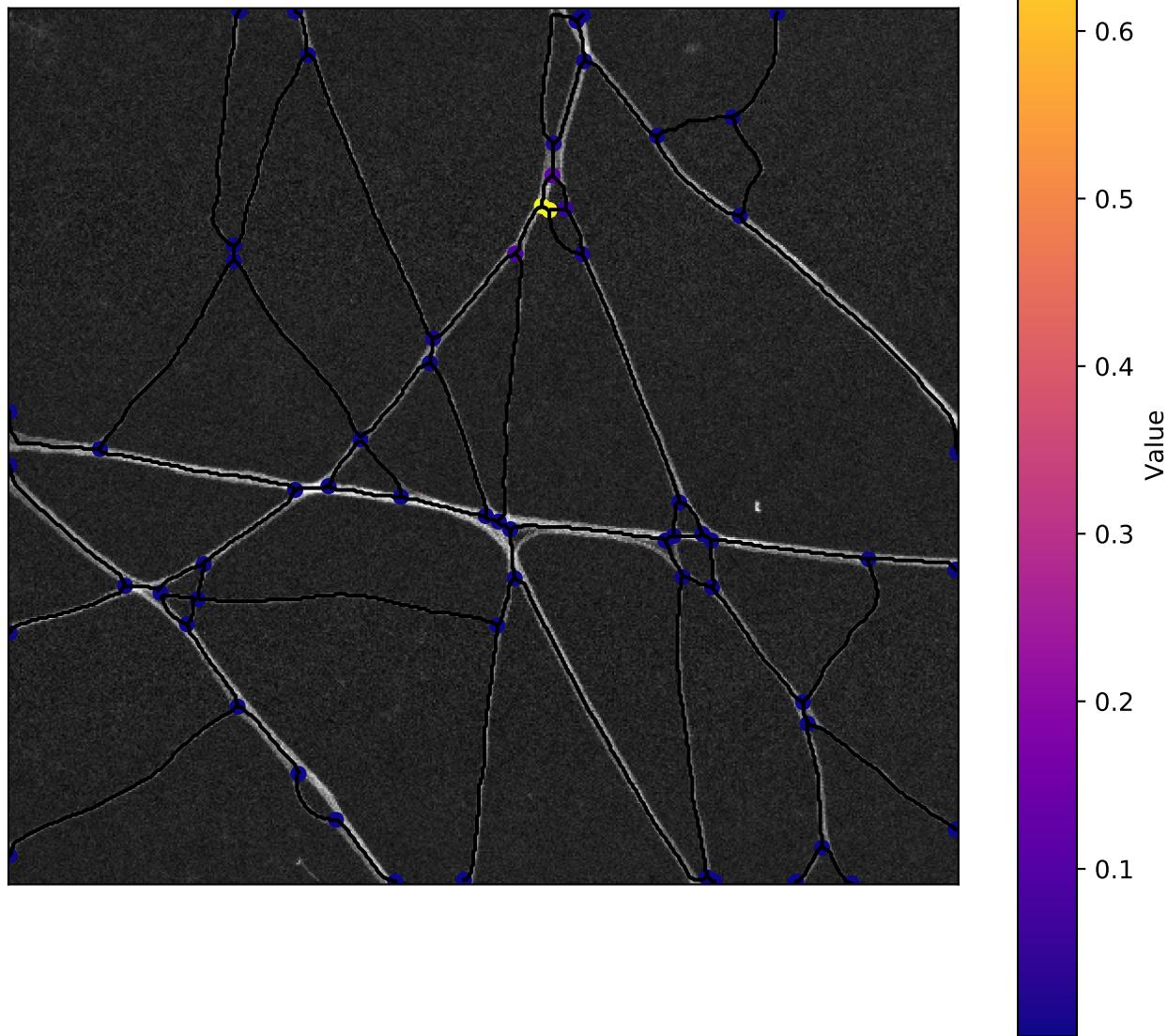
Length-Weighted Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Width-Weighted Eigenvector Centrality Heatmap



Run Info

Test_STEM || 2023-04-07 14:51:17
|| Global Threshold (14) || Gamma = 0.75 || Low-pass filter10
|| Remove Objects of Size 500