

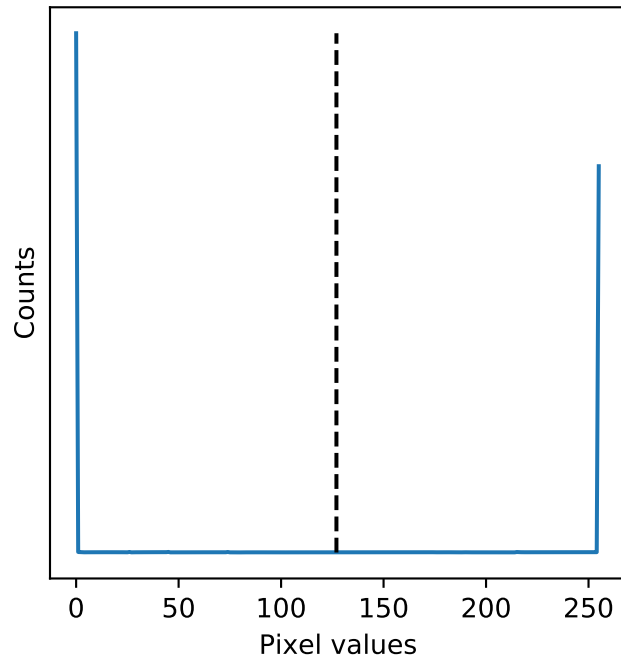
Original Image



Processed Image



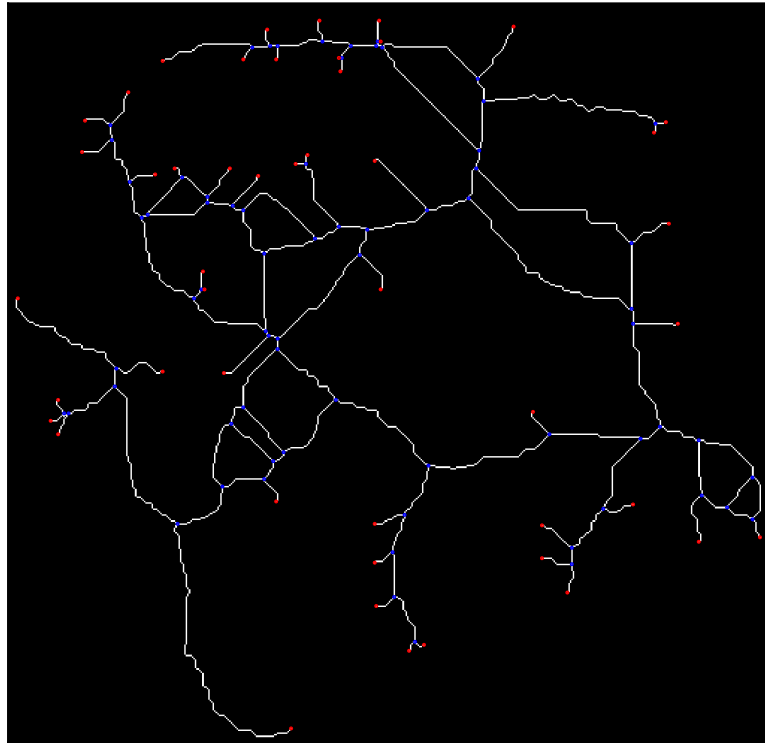
Histogram of Processed Image



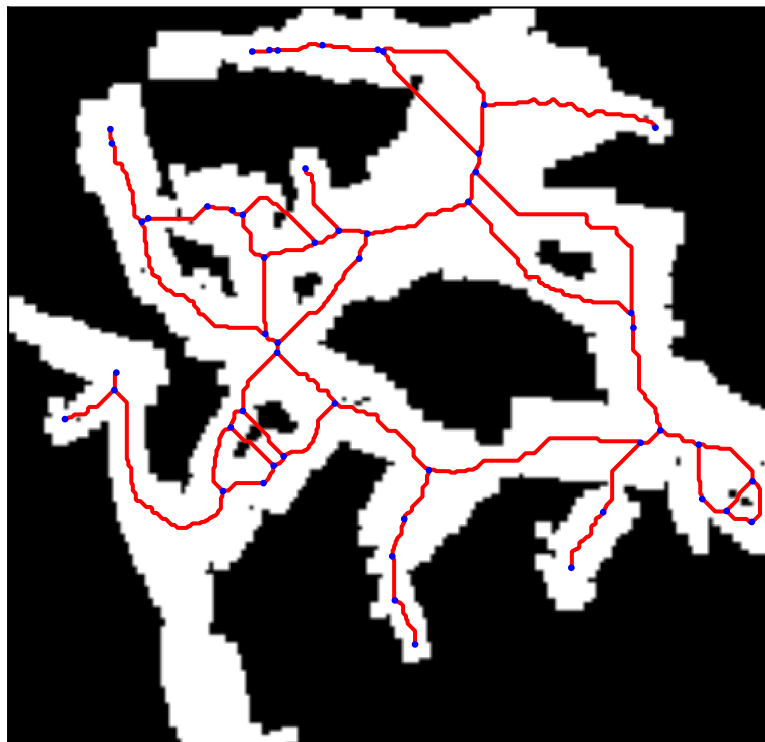
Binary Image



Skeletal Image



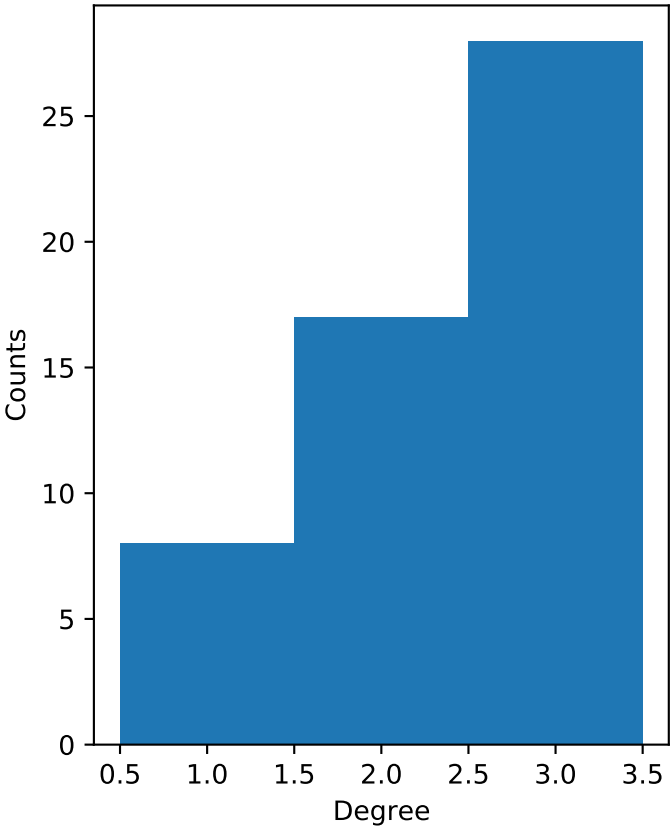
Final Graph



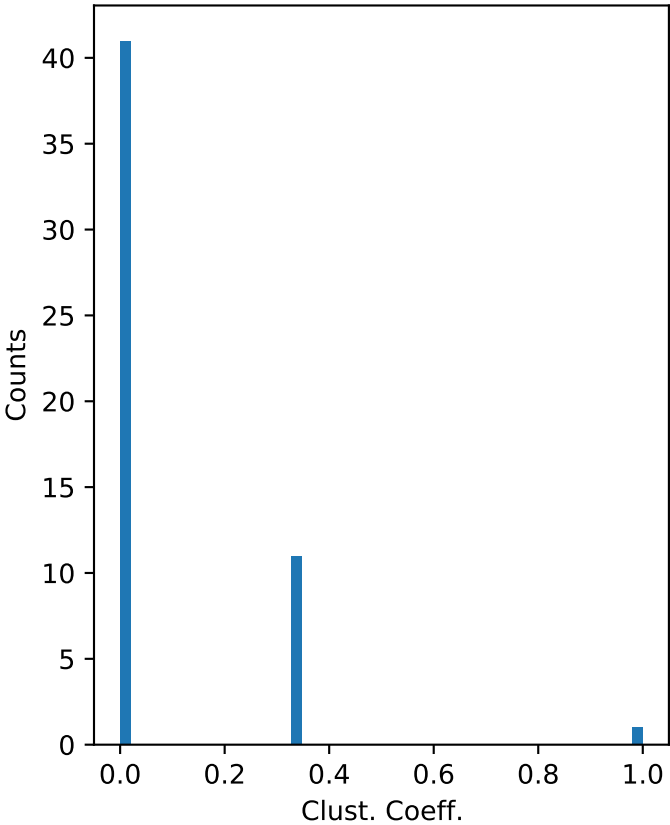
### Unweighted GT Parameters

Number of nodes	53.0
Number of edges	63.0
Average degree	2.37736
Network diameter	17.0
Graph density	0.04572
Global efficiency	0.21983
Wiener Index	9237.0
Average clustering coefficient	0.08805
Average nodal connectivity	1.27286
Assortativity coefficient	0.22008
Average betweenness centrality	0.11183
Average closeness centrality	0.15572
Average eigenvector centrality	0.10476

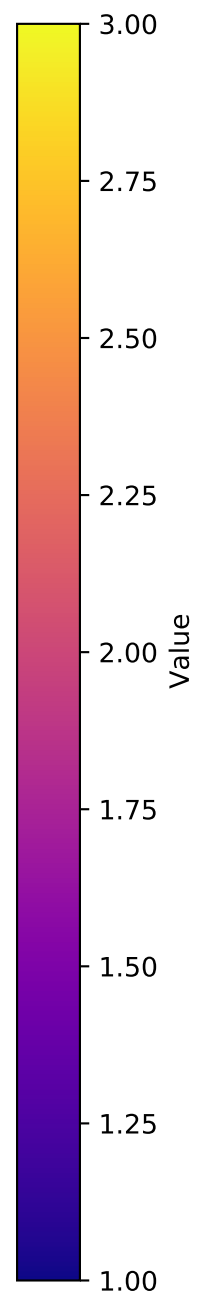
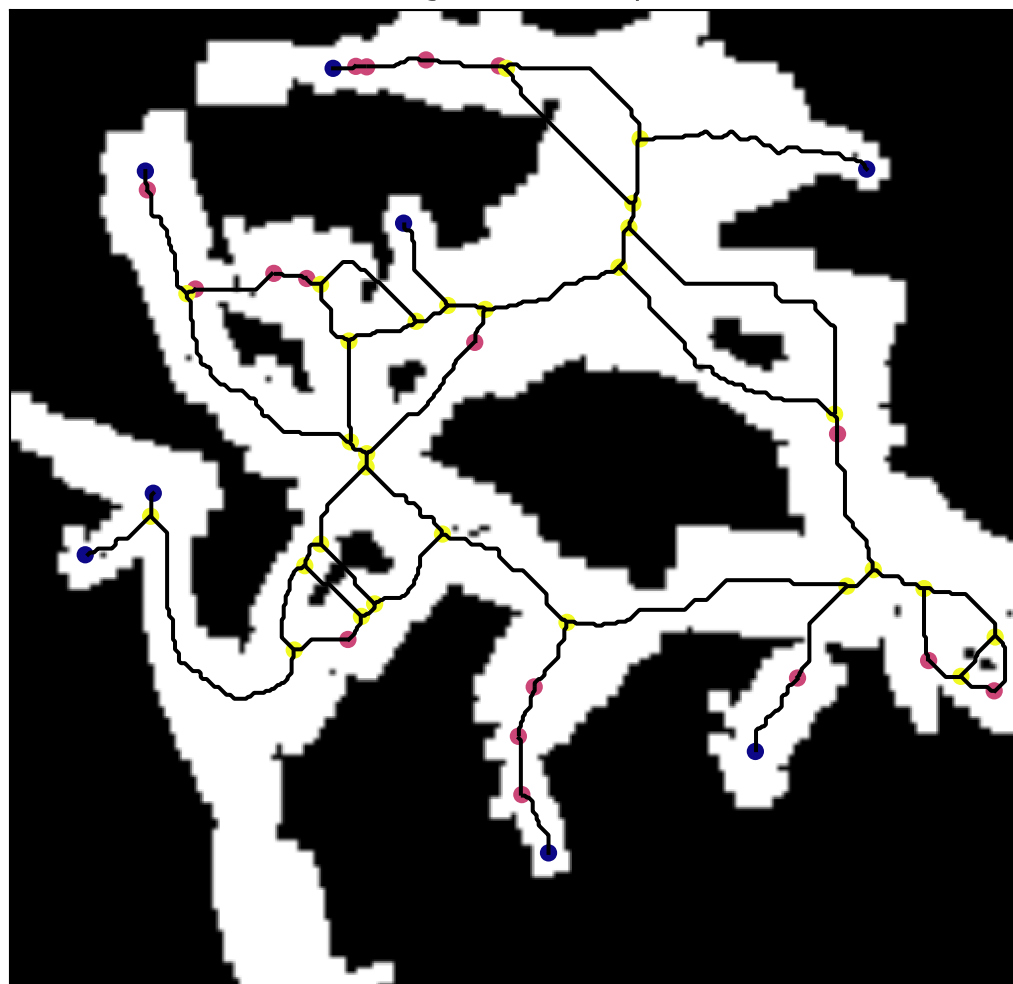
### Degree Distribution: $\sigma=0.74$



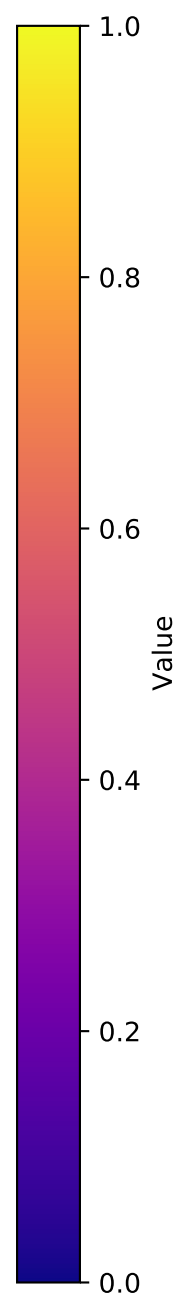
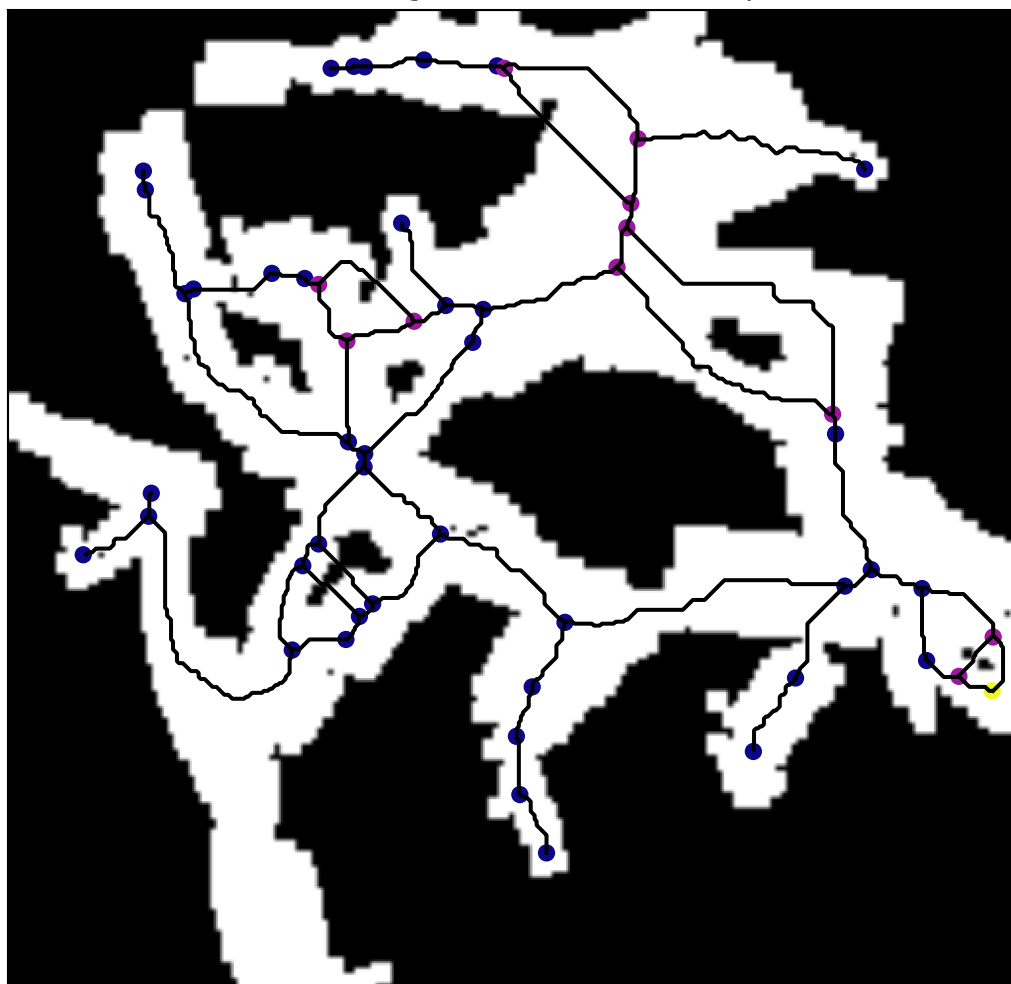
### Clustering Coefficients: $\sigma=0.187$



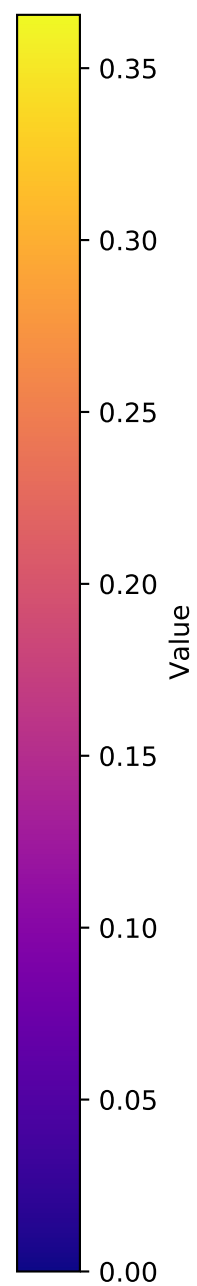
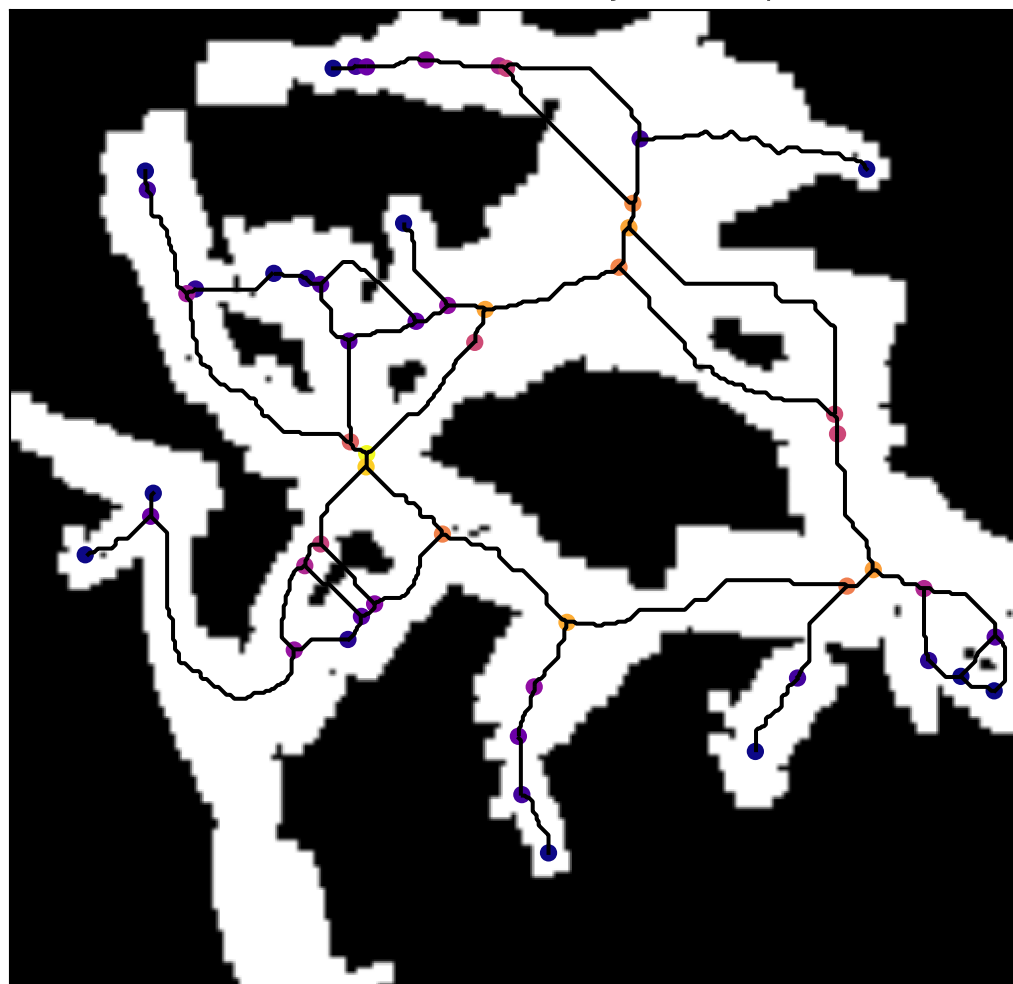
Degree Heatmap



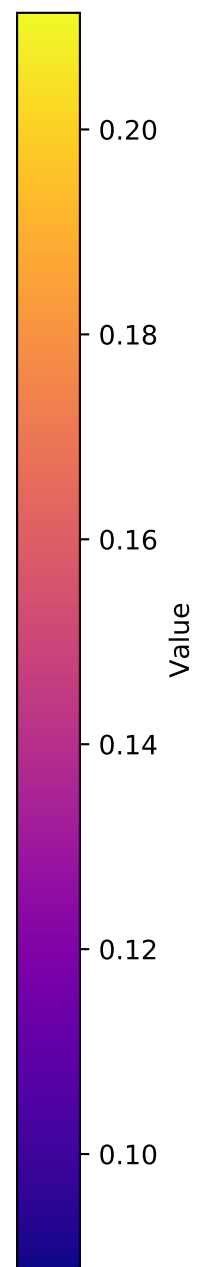
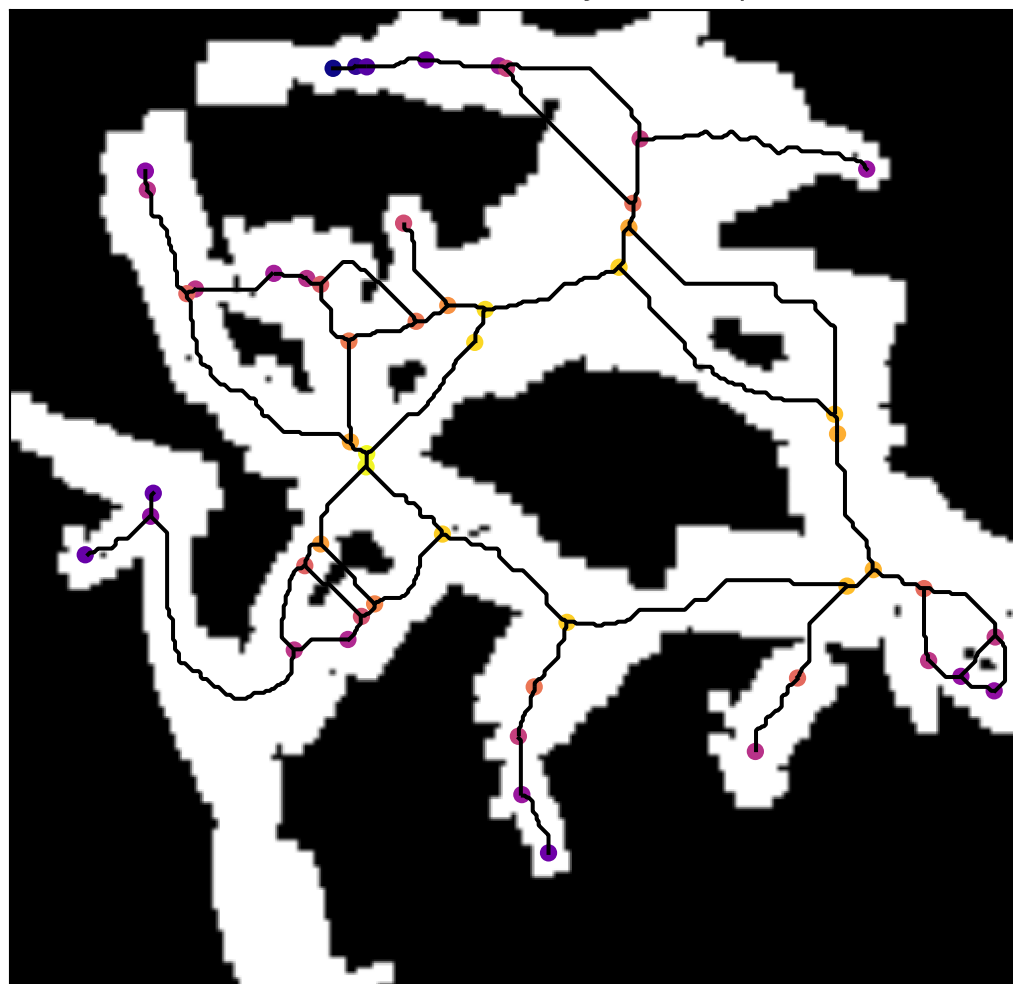
Clustering Coefficient Heatmap



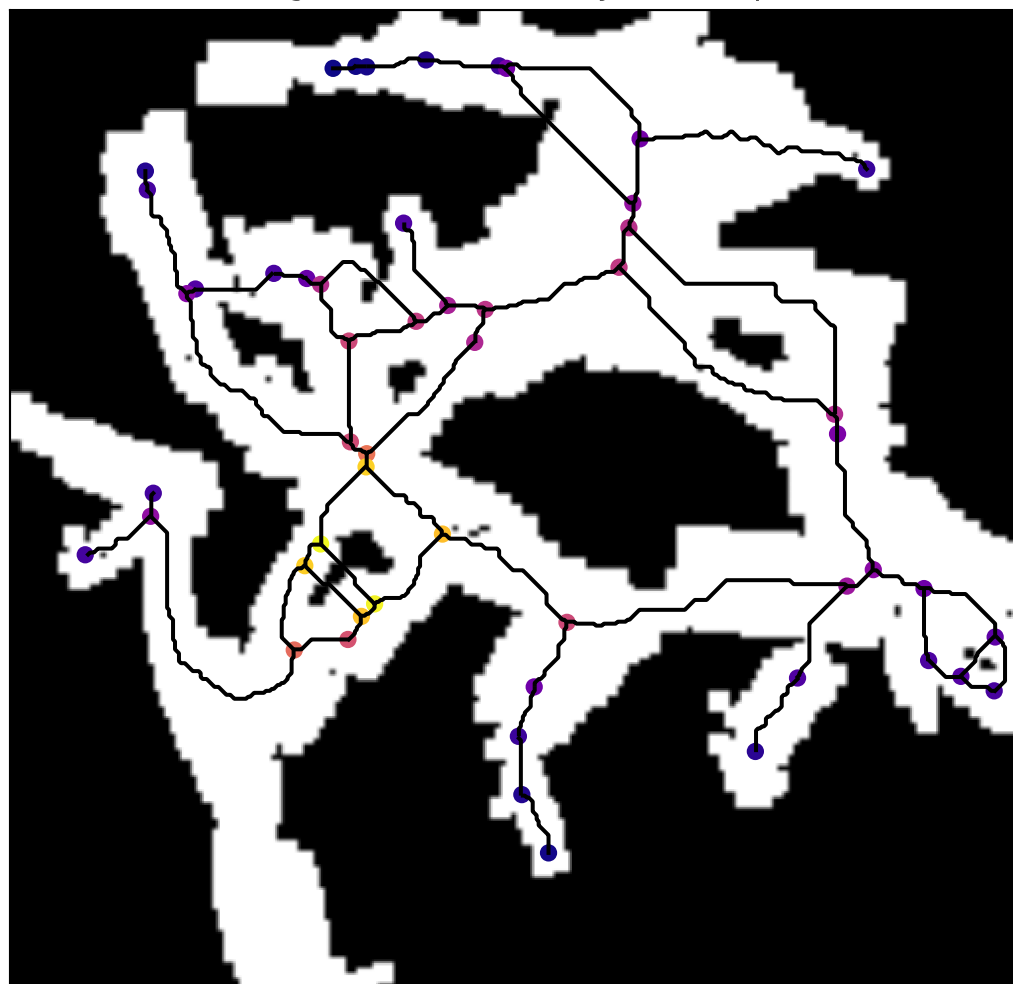
Betweenness Centrality Heatmap



Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Value

0.30

0.25

0.20

0.15

0.10

0.05



Run Info  
final2 || 2021-06-24 14:35:05  
|| Global Threshold (127)  
|| Merge Nodes || Prune Dangling Edges || Remove Self Loops