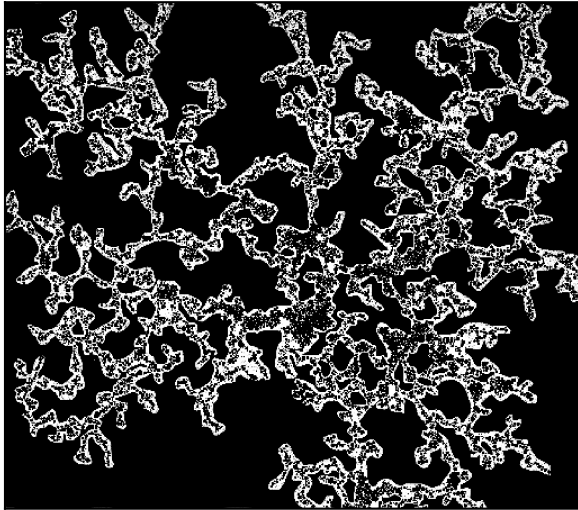
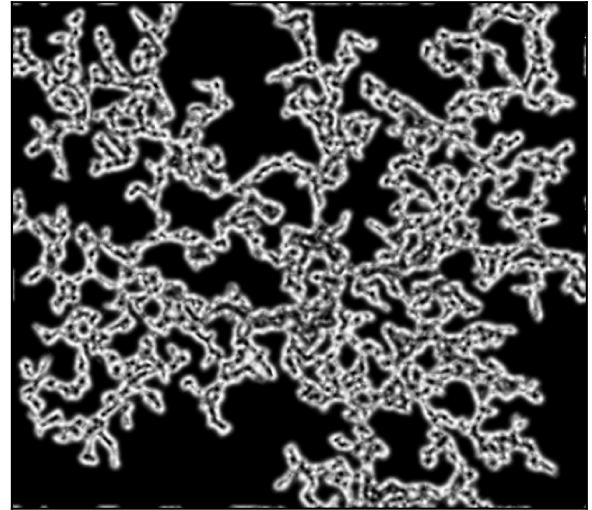


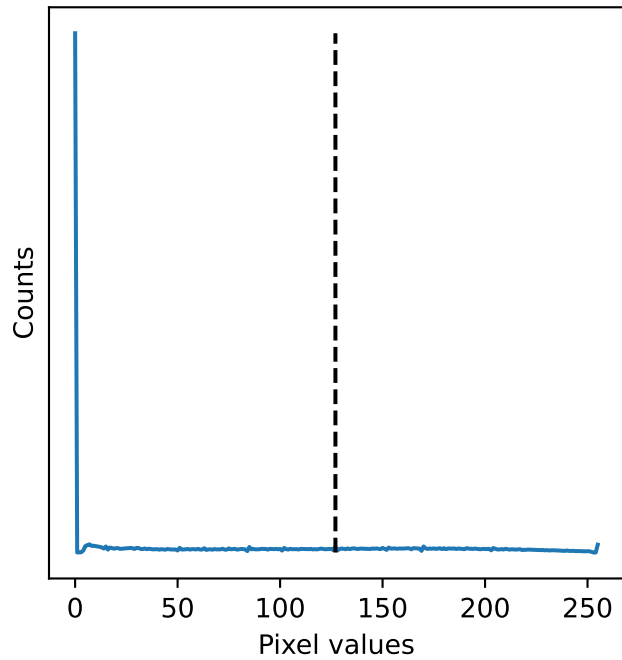
Original Image



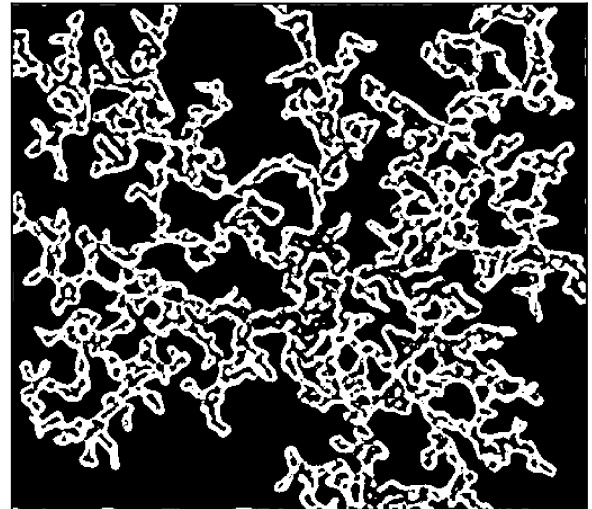
Processed Image



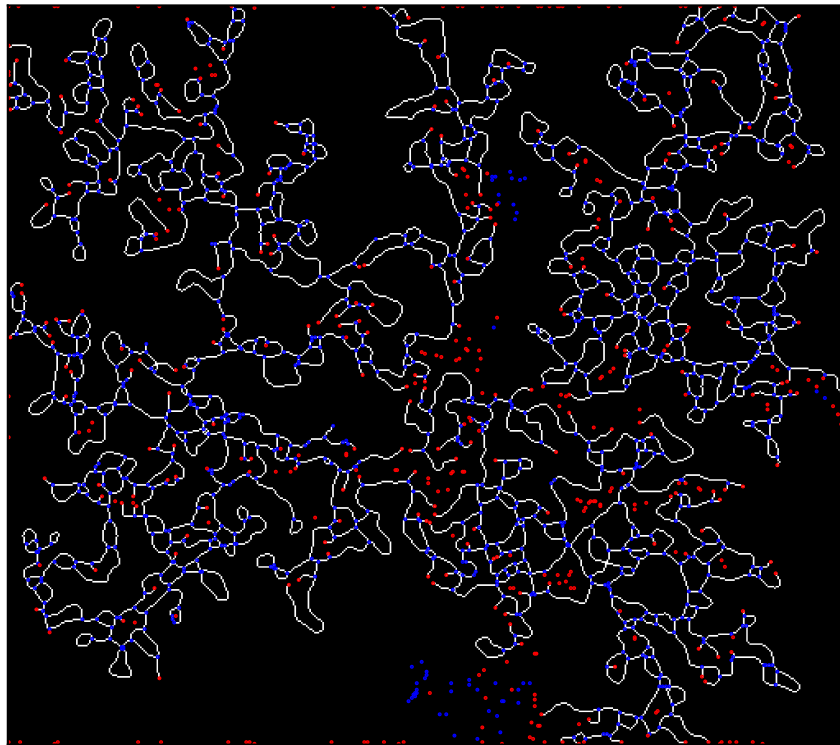
Histogram of Processed Image



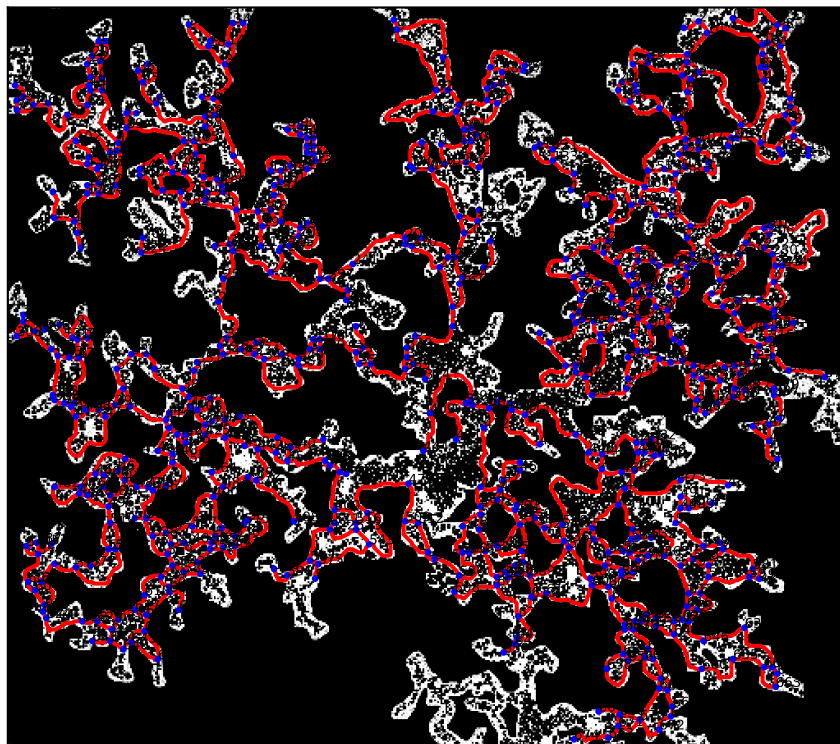
Binary Image



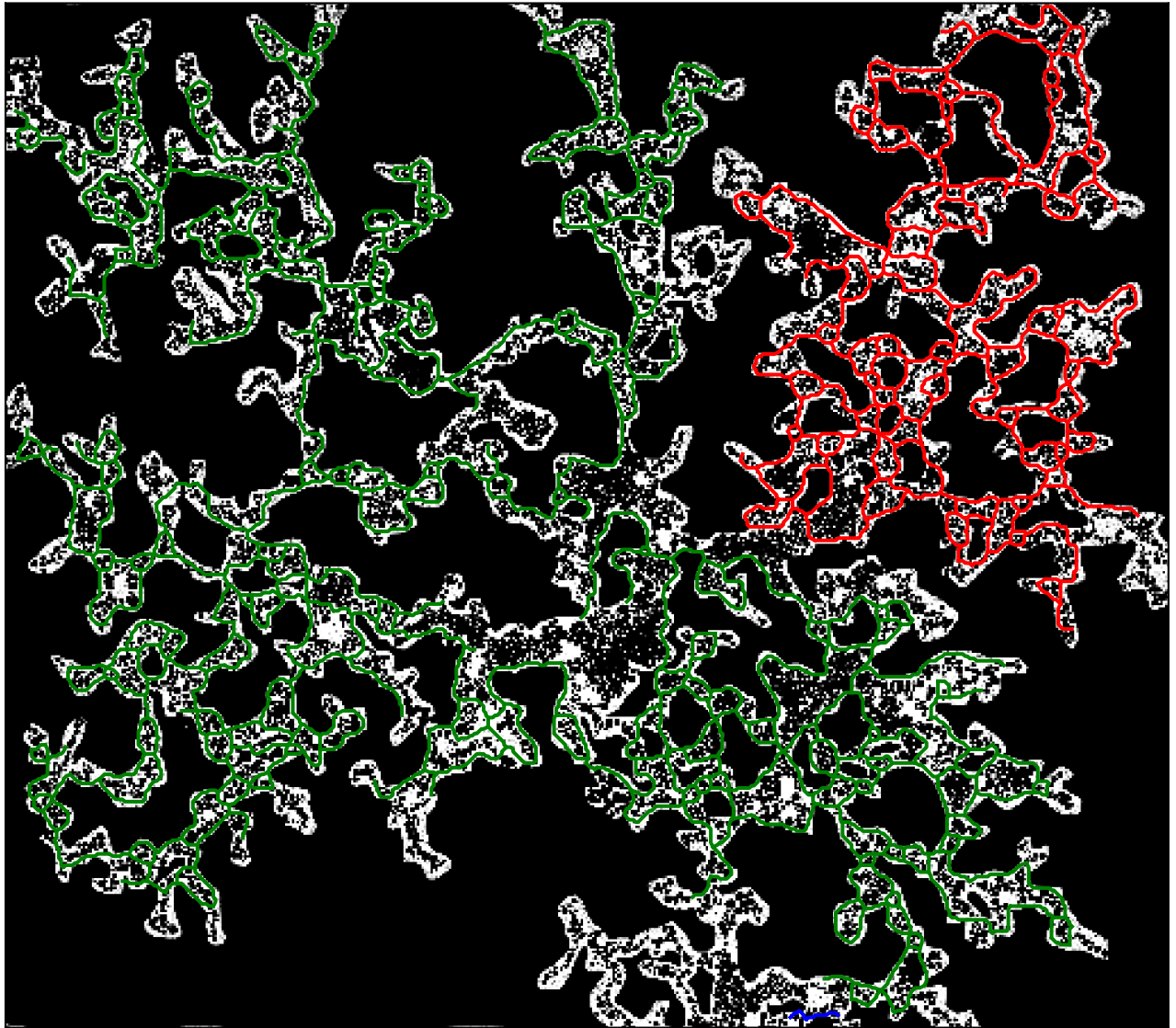
Skeletal Image



Final Graph



Sub Graphs



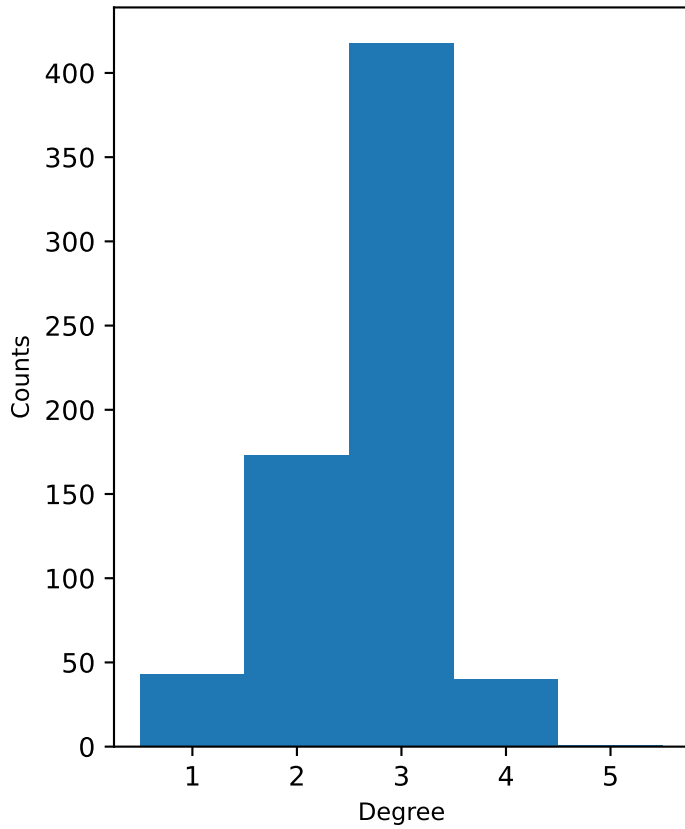
### Unweighted GT parameters

Number of nodes	675
Number of edges	904
Average degree	2.67852
Network diameter	NaN
Average nodal connectivity	NaN
Graph density	0.00397
Global efficiency	0.04283
Wiener Index	inf
Assortativity coefficient	0.08186
Average clustering coefficient	0.12444
Average betweenness centrality	0.02194
Average eigenvector centrality	0.00808
Average closeness centrality	0.02603
Subgraph Count	3
Large Subgraph Node Count	487
Large Subgraph Edge Count	629
Small Subgraph Node Count	2
Small Subgraph Edge Count	1
Graph Conductance (max)	0.016988744191312403
Graph Conductance (min)	7.215435729946272e-05

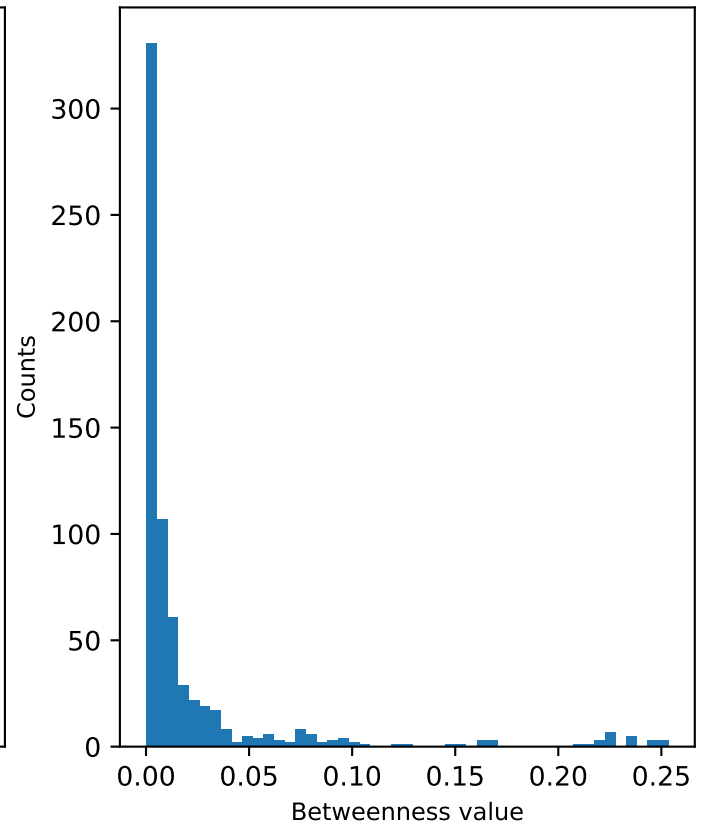
### Weighted GT Parameters

Weighted average degree	1.12764
Length-weighted Wiener Index	inf
Max flow between periphery	NaN
Weighted assortativity coefficient	0.30141
Width-weighted average betweenness centrality	0.01906
Length-weighted average closeness centrality	0.00176
Width-weighted average eigenvector centrality	0.00272

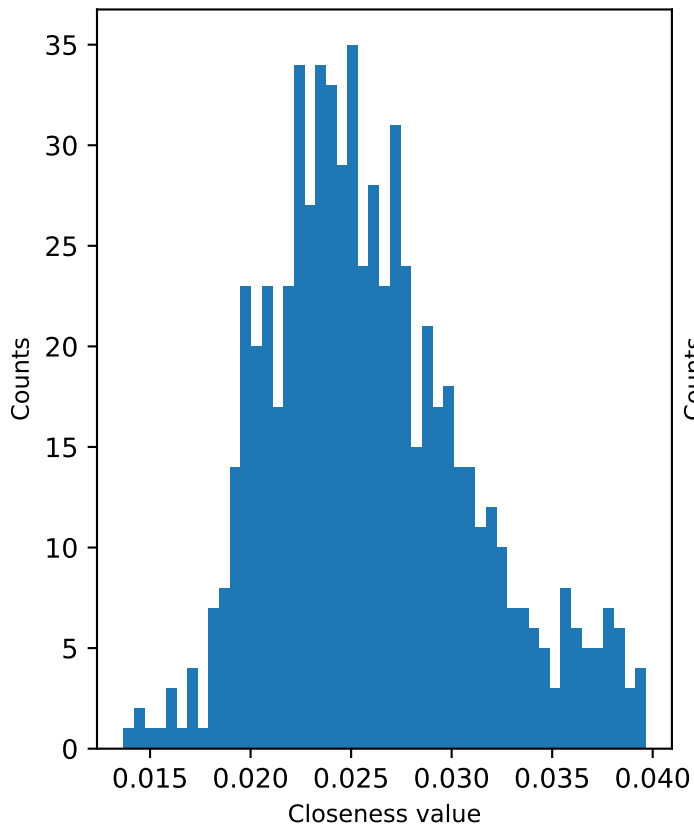
Degree Distribution:  $\sigma=0.688$



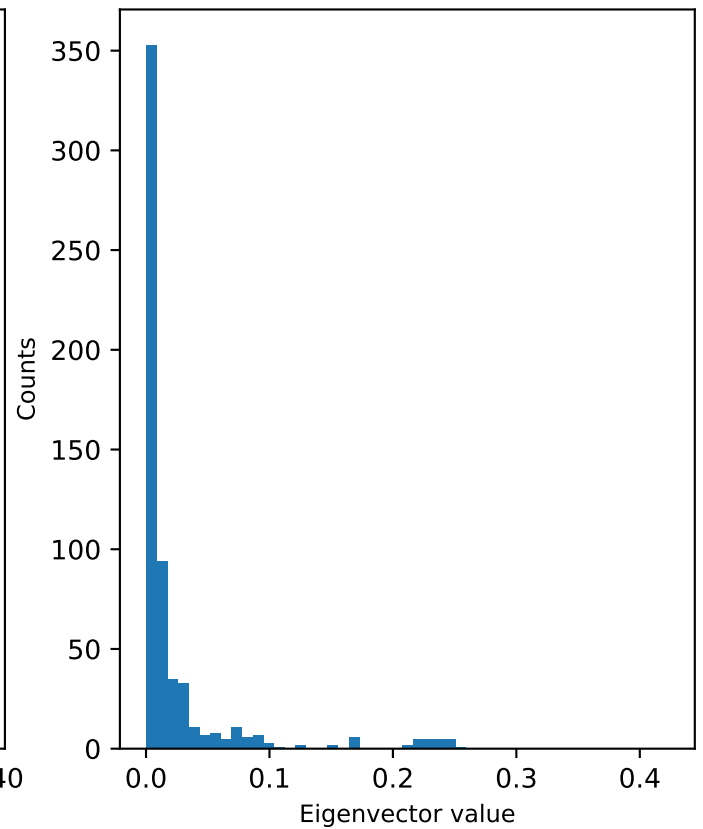
Betweenness Centrality:  $\sigma=0.047$



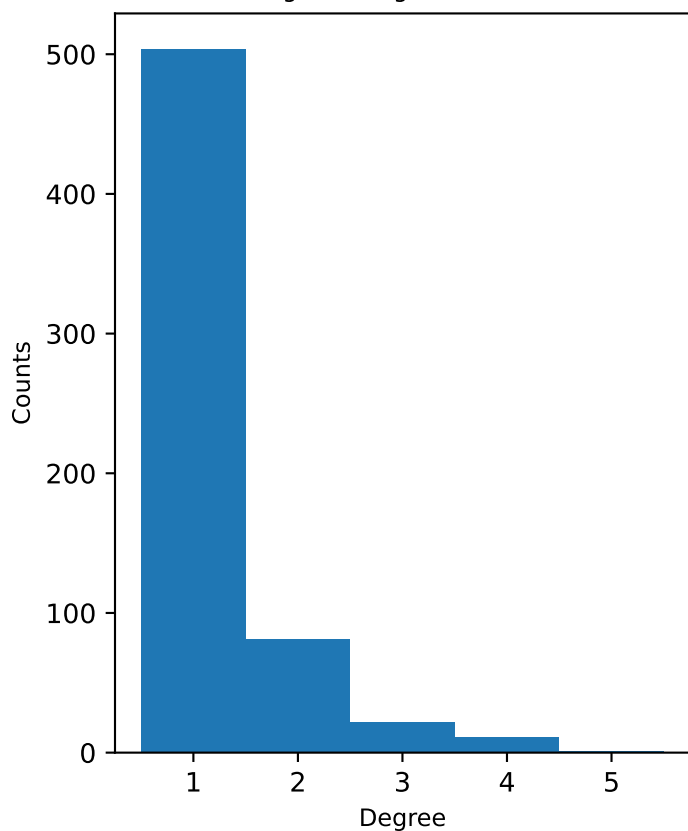
Closeness Centrality:  $\sigma=0.005$



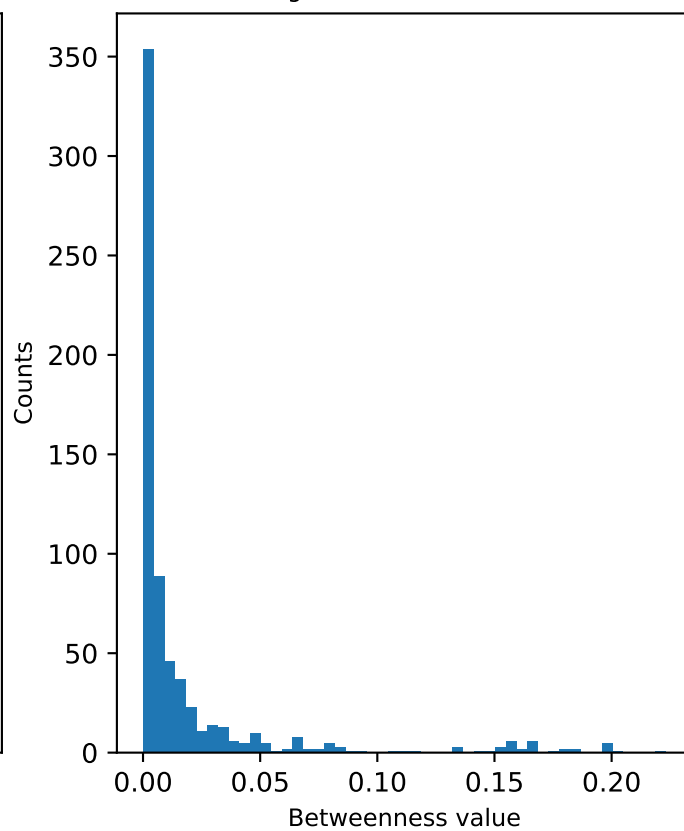
Eigenvector Centrality:  $\sigma=0.038$



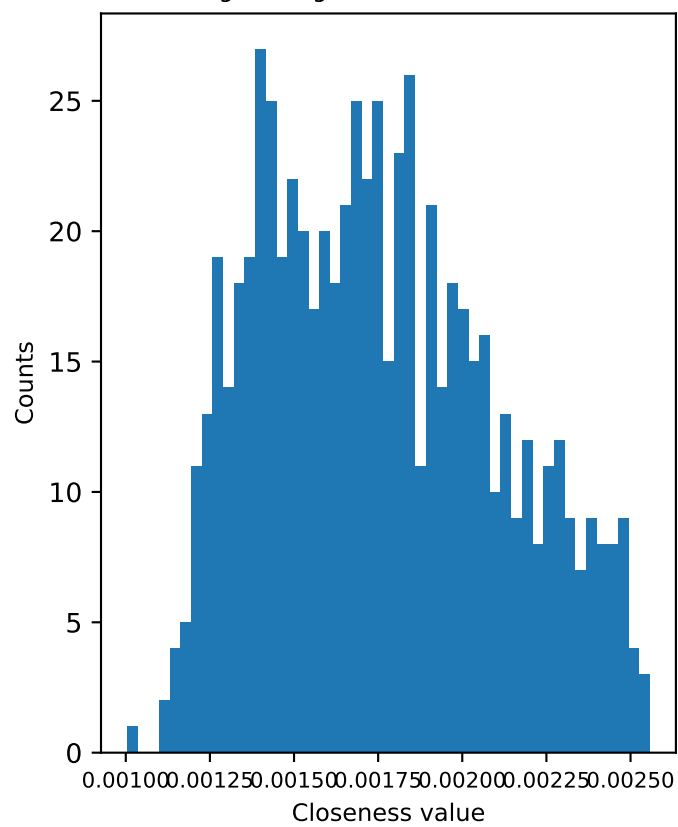
Weighted Degree:  $\sigma=0.651$



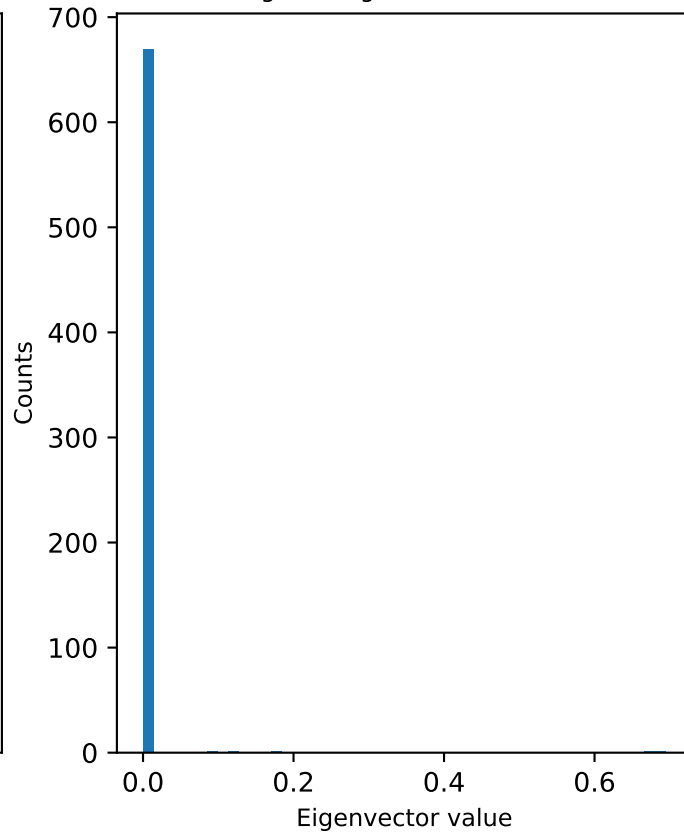
Width-Weighted Betweenness:  $\sigma=0.039$



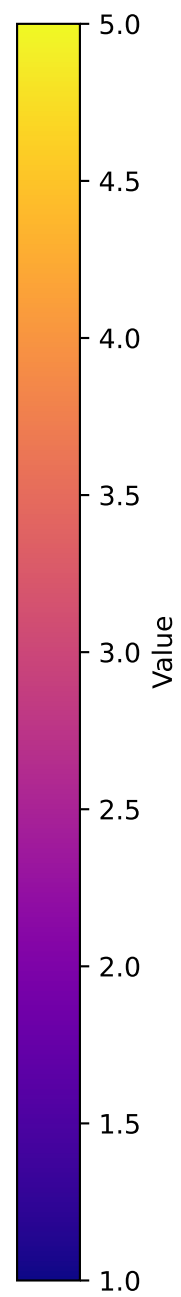
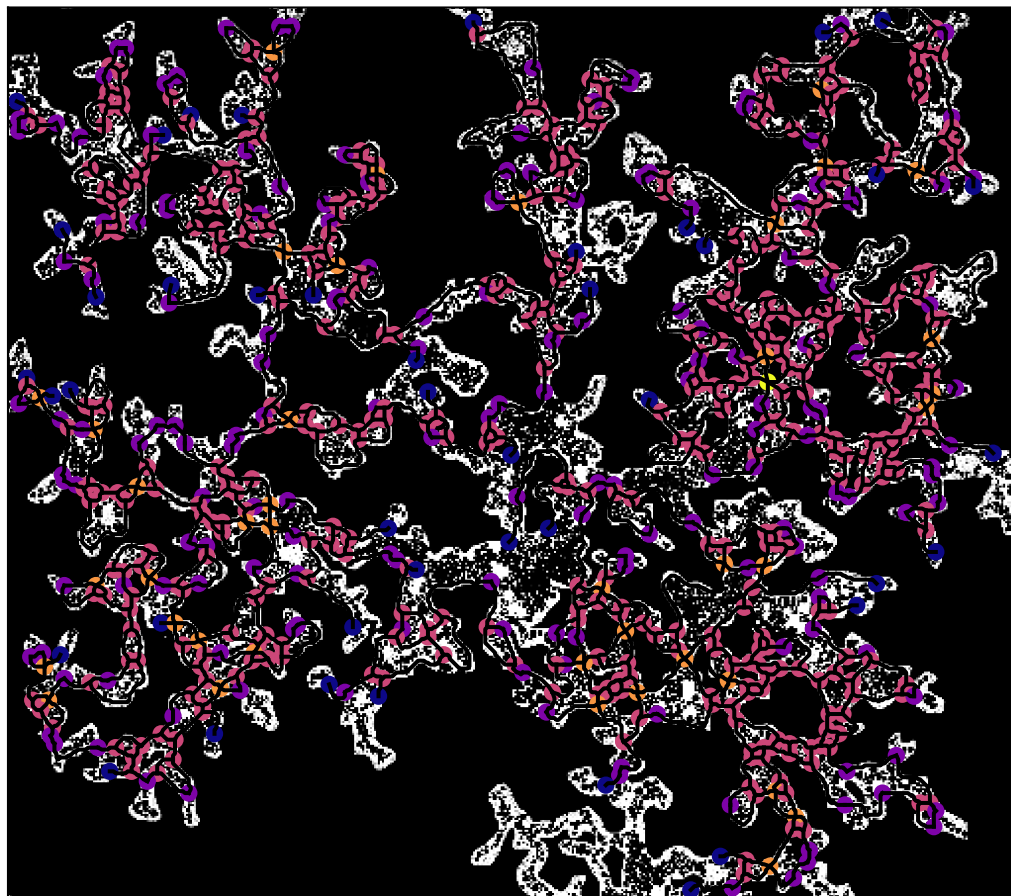
Length-Weighted Closeness:  $\sigma=0.0$



Width-Weighted Eigenvector Cent.:  $\sigma=0.038$

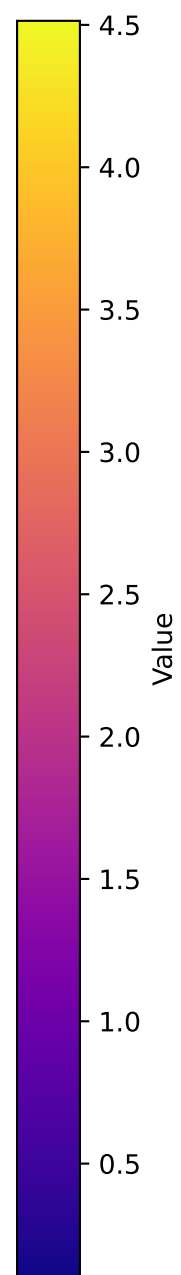
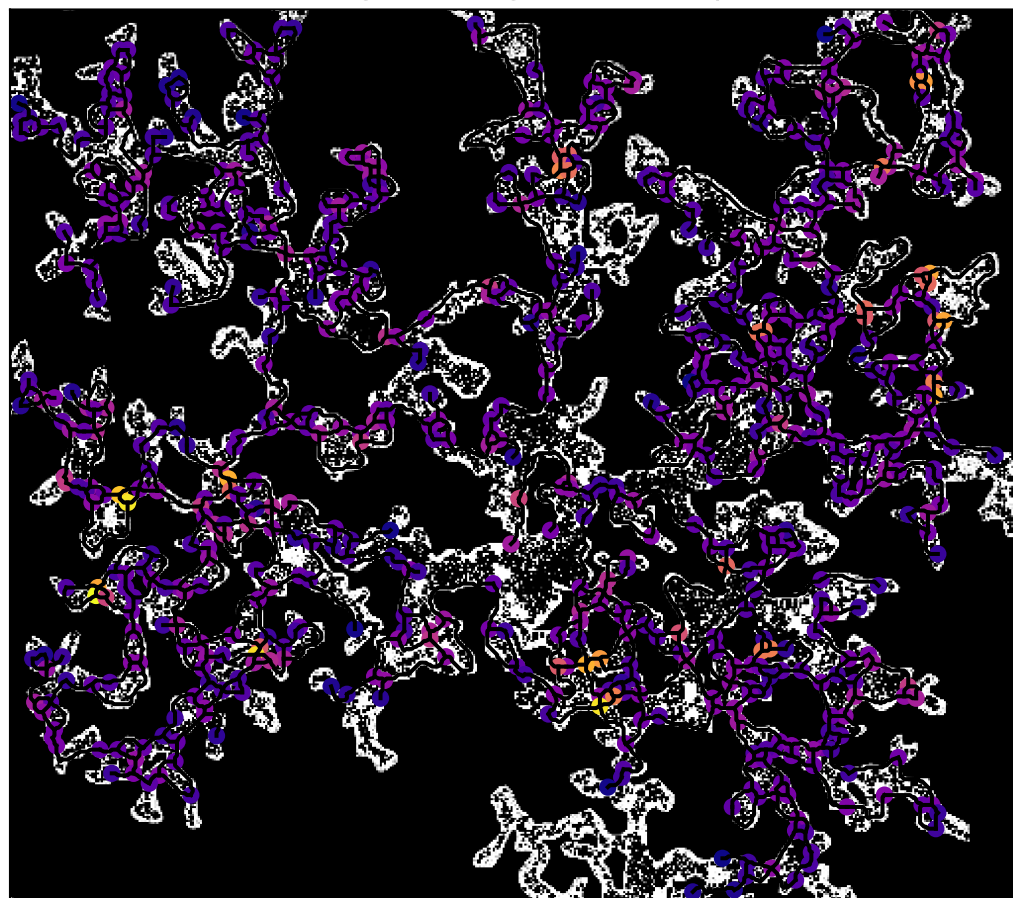


Degree Heatmap

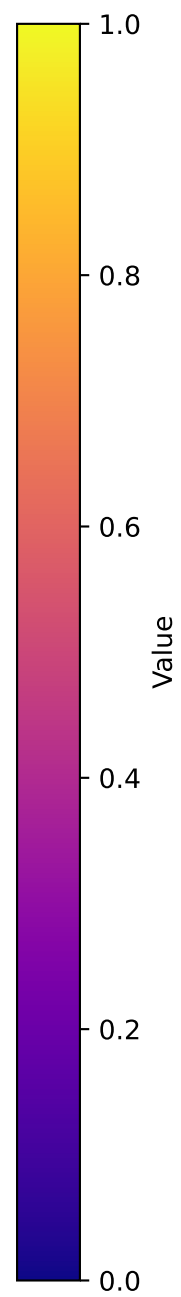
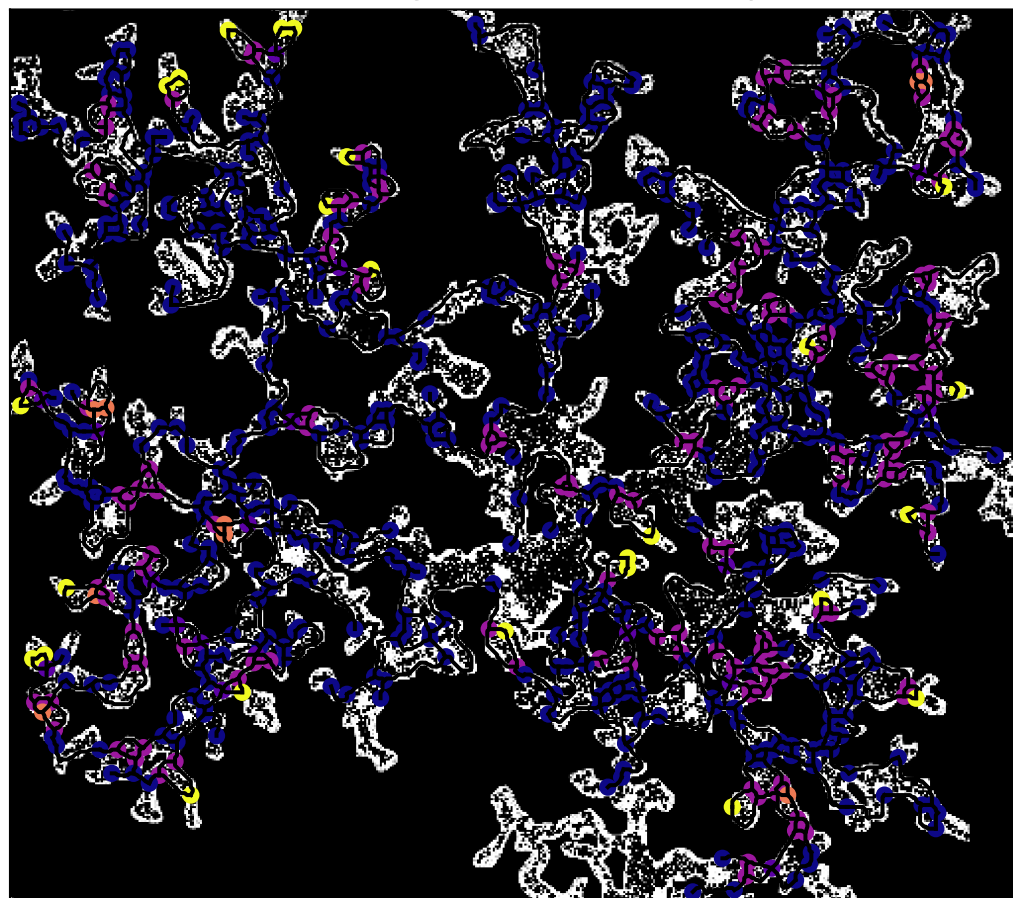




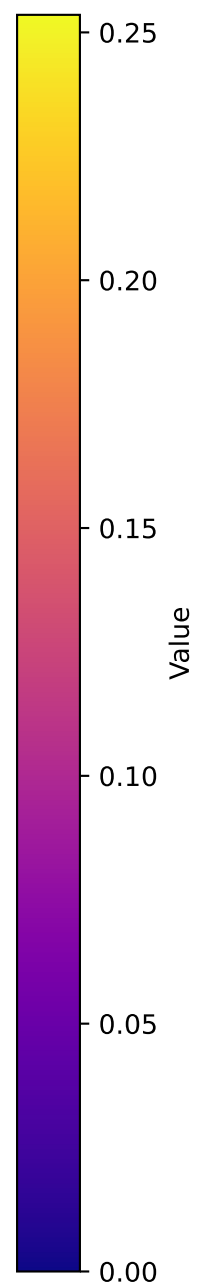
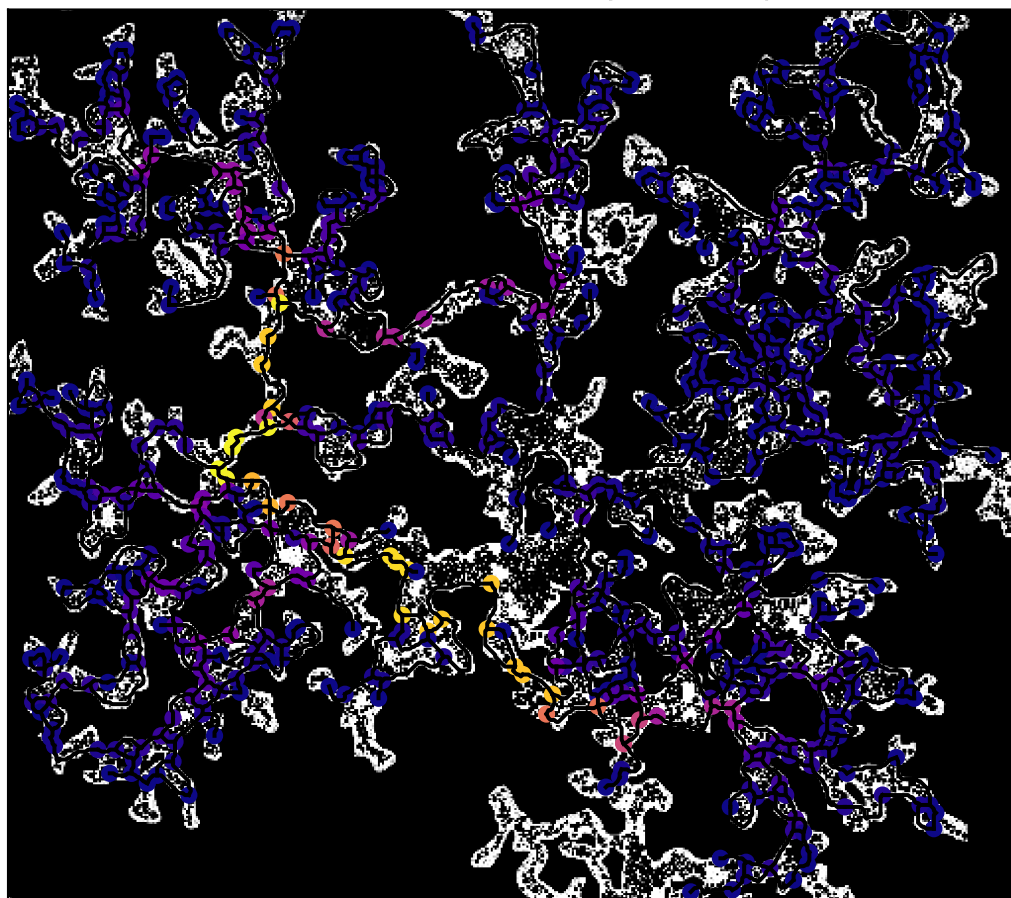
Weighted Degree Heatmap



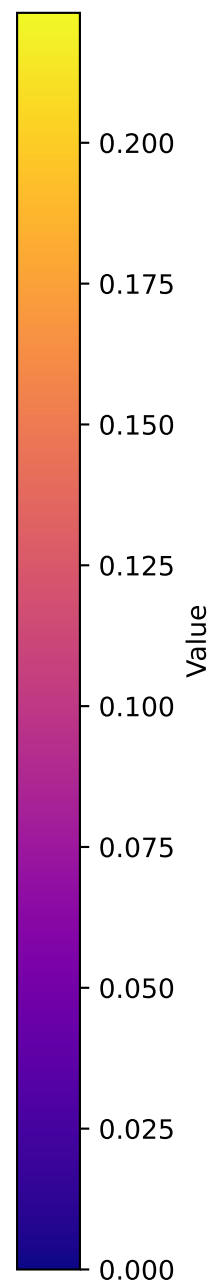
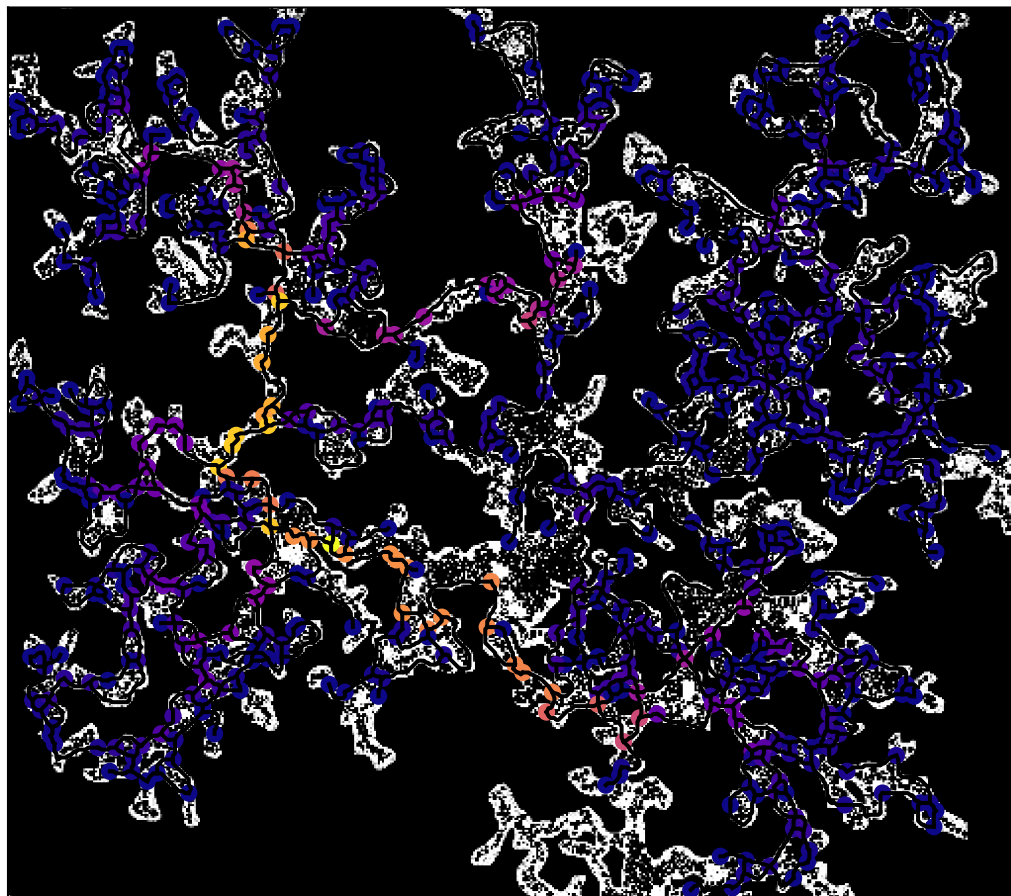
Clustering Coefficient Heatmap



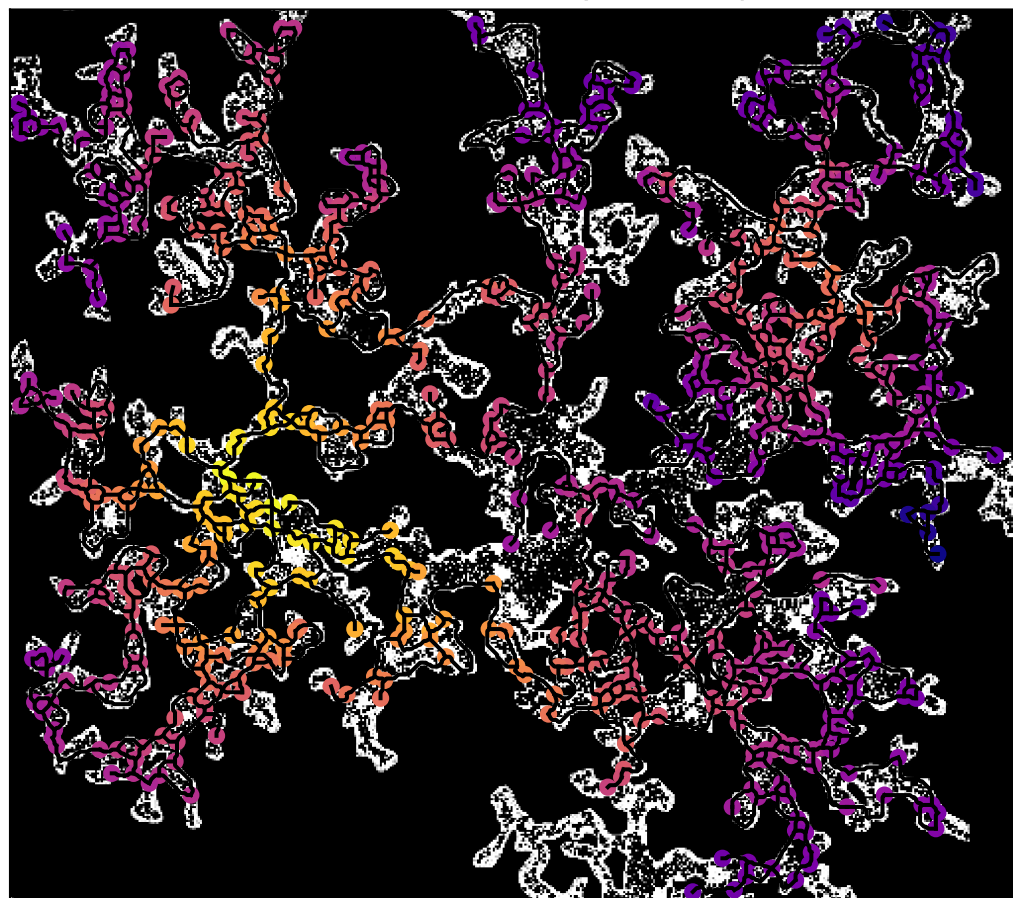
Betweenness Centrality Heatmap



Width-Weighted Betweenness Centrality Heatmap



Closeness Centrality Heatmap



Value

0.035

0.030

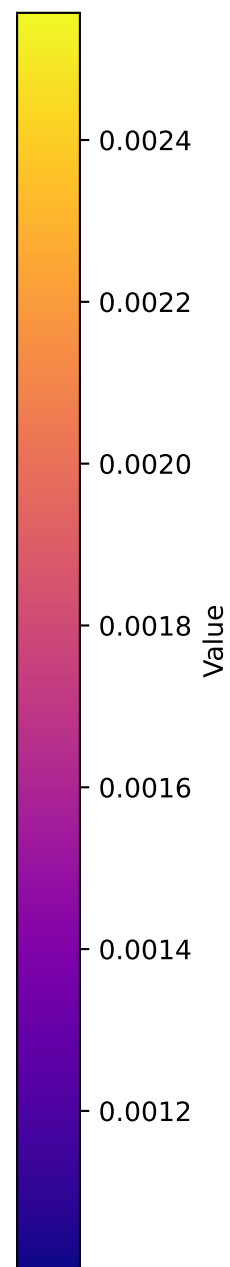
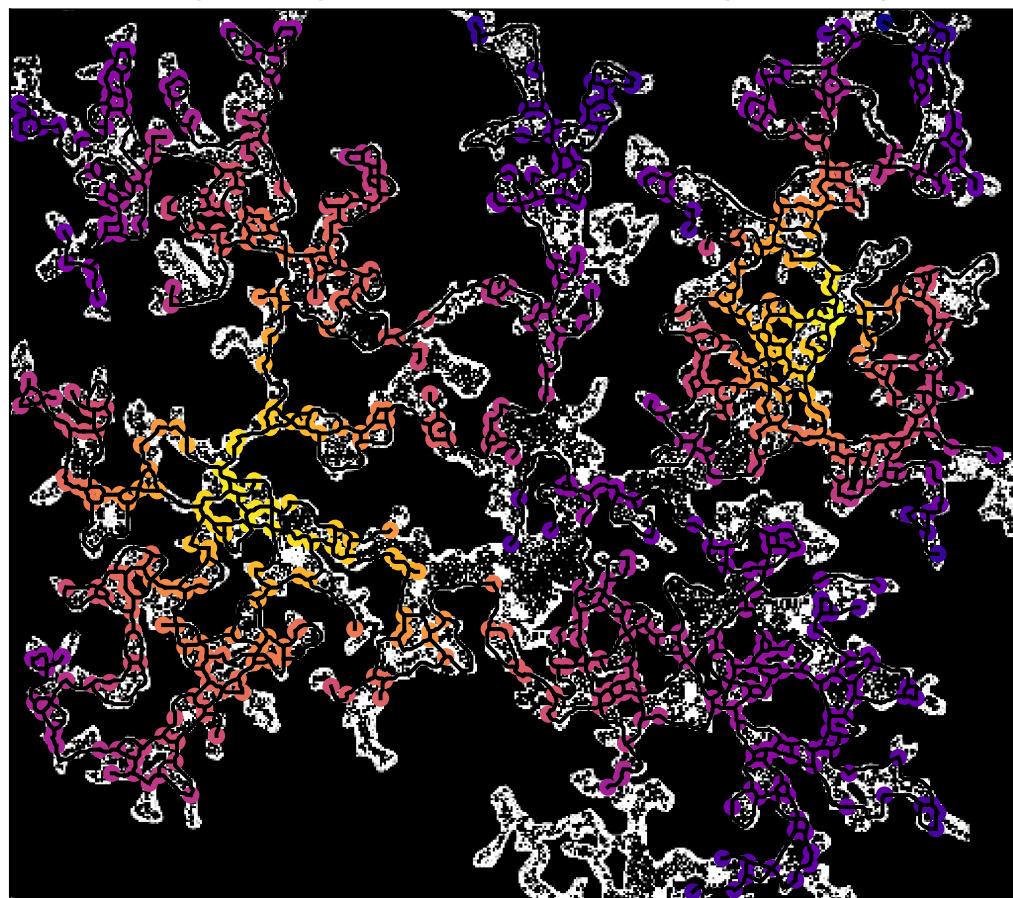
0.025

0.020

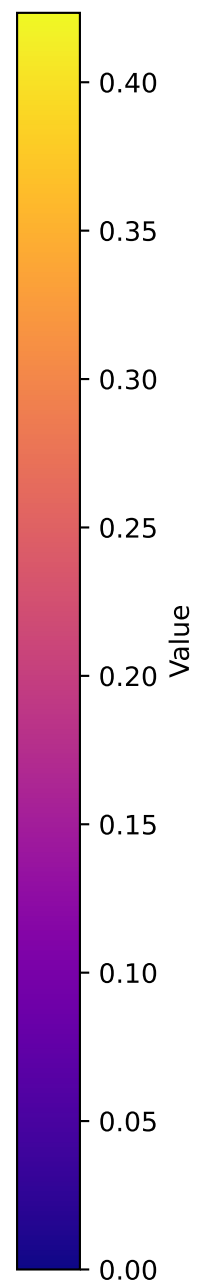
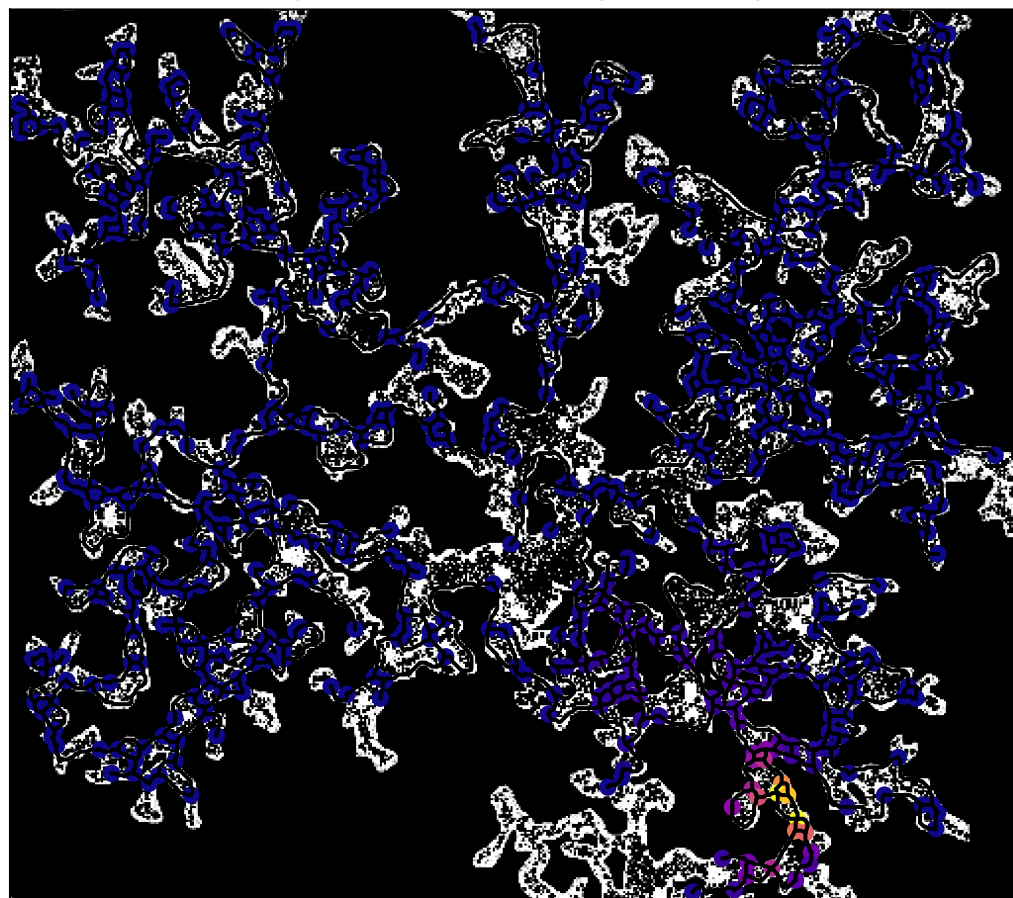
0.015



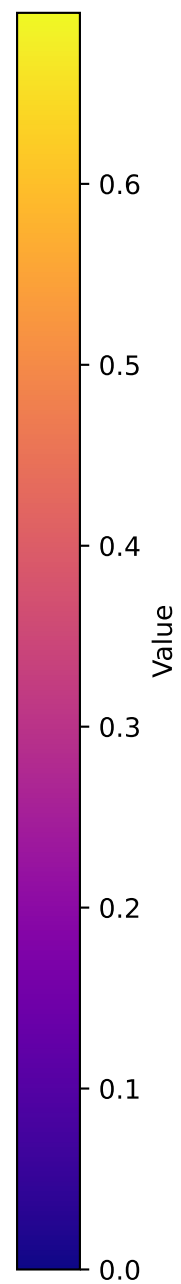
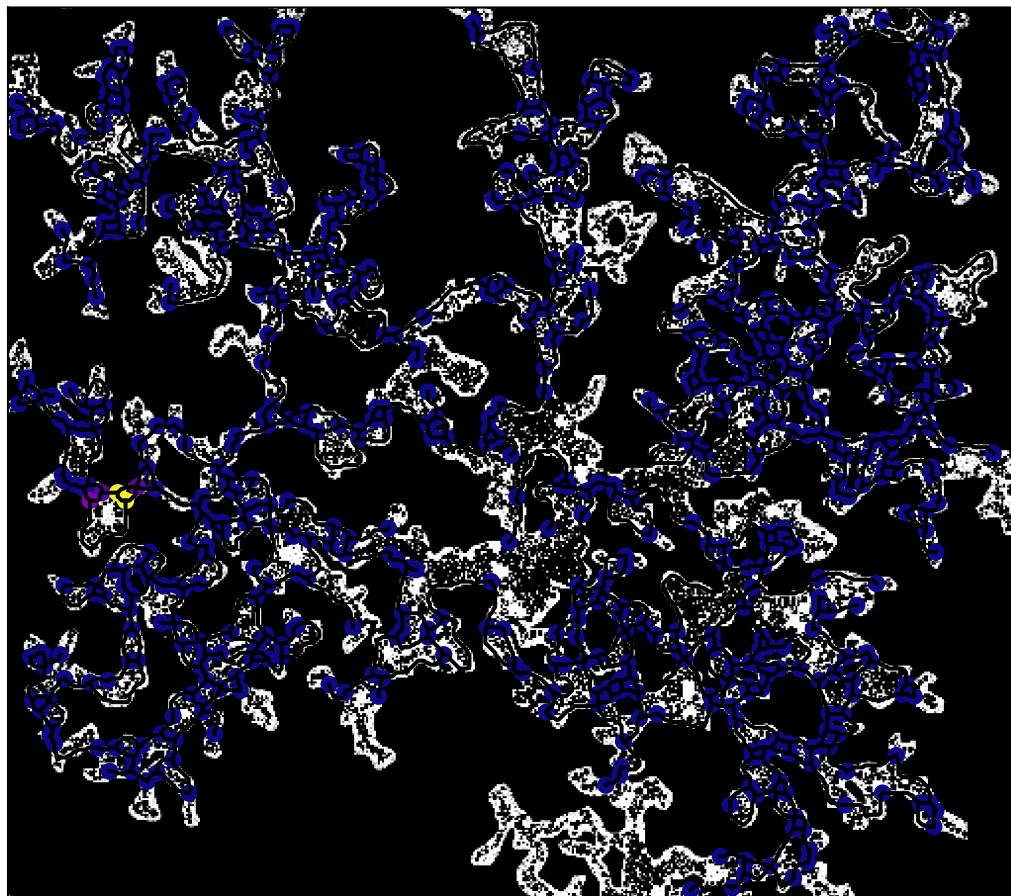
Length-Weighted Closeness Centrality Heatmap



Eigenvector Centrality Heatmap



Width-Weighted Eigenvector Centrality Heatmap





#### Run Info

examples/Cont-SR\_NPs.tif || 2024-01-30 11:36:27

|| Global Threshold (127) || Median Filter || Gaussian Blur, 3 bit kernel || Autolevel || Low-pass filter10  
|| Merge Nodes || Prune Dangling Edges || Remove Objects of Size 500 || Remove Self Loops