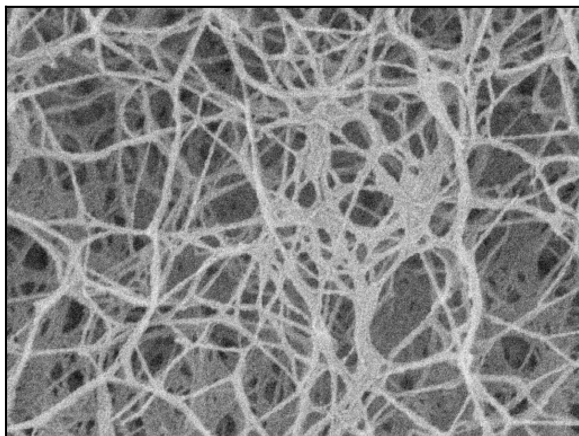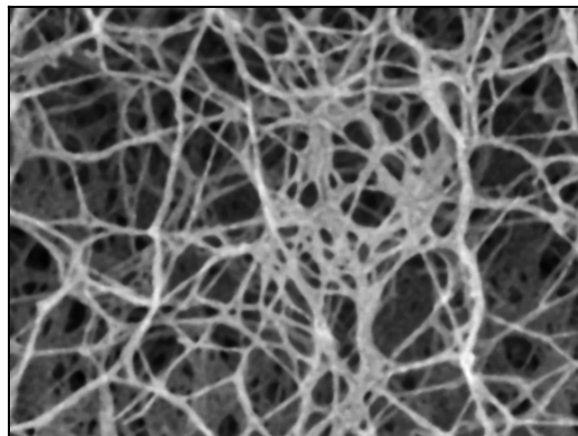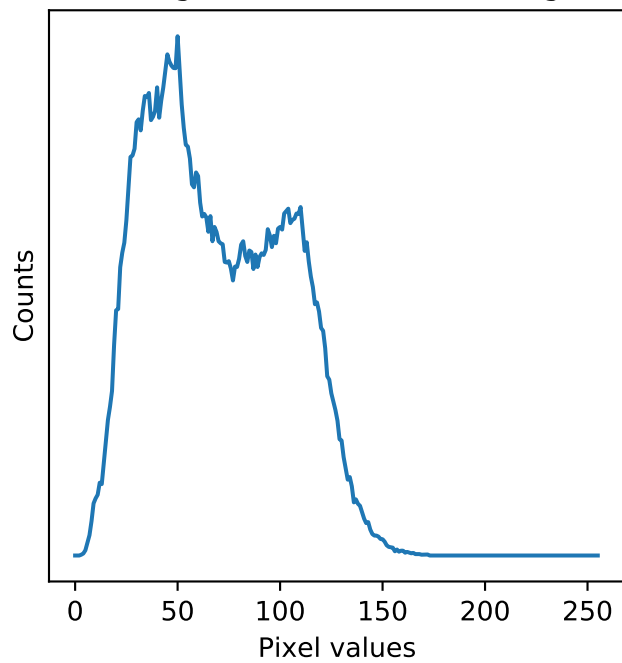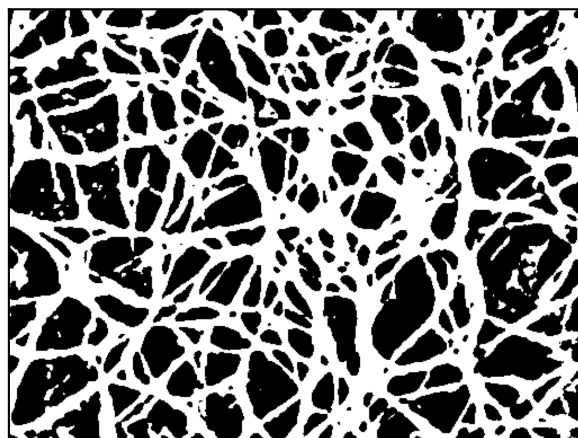Original Image

Processed Image
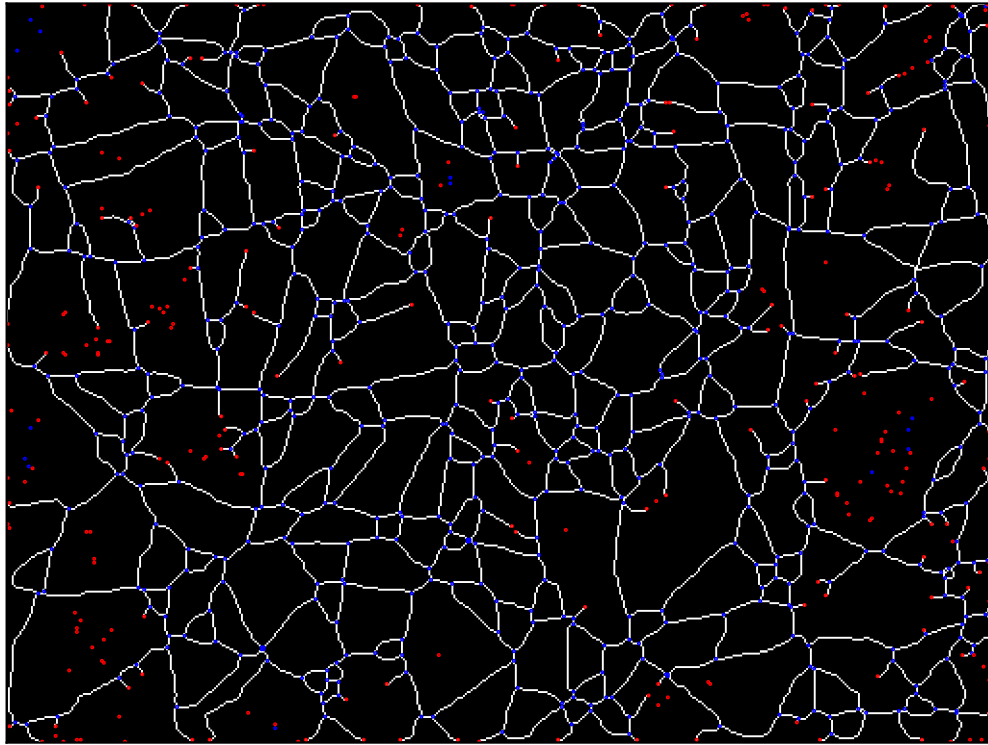
Histogram of Processed Image
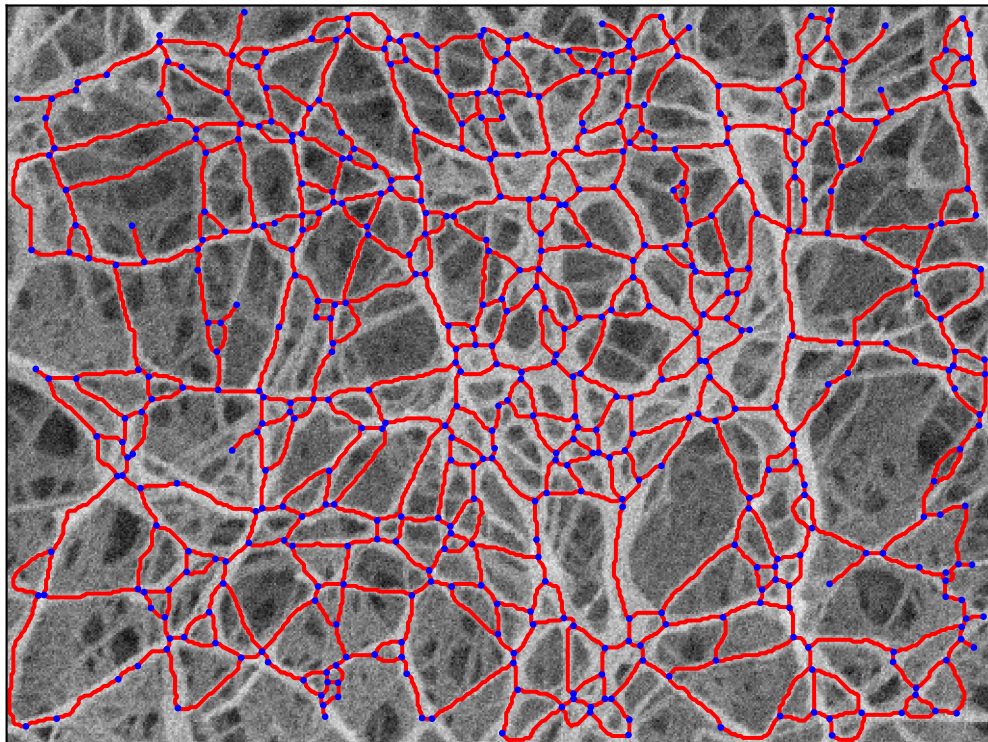
Binary Image
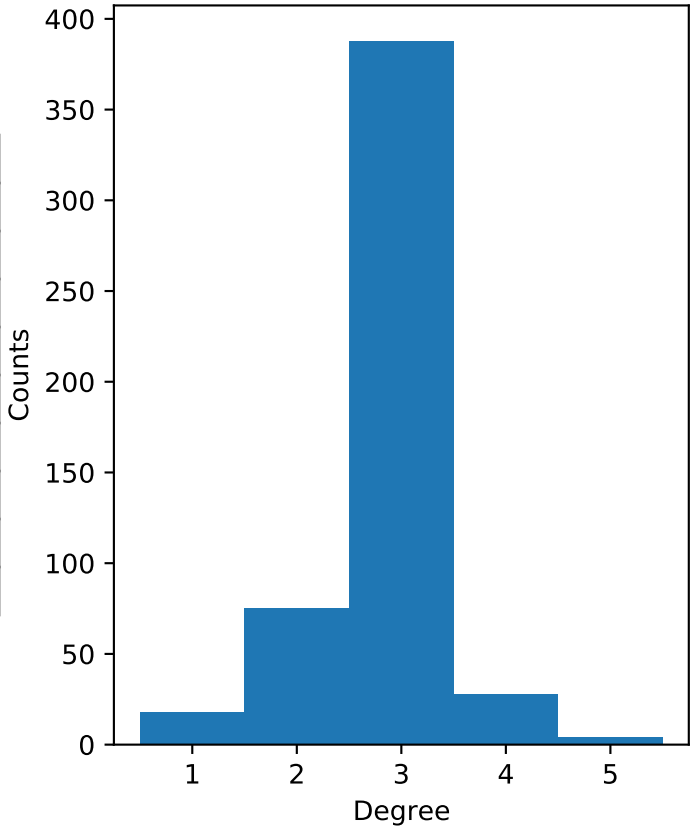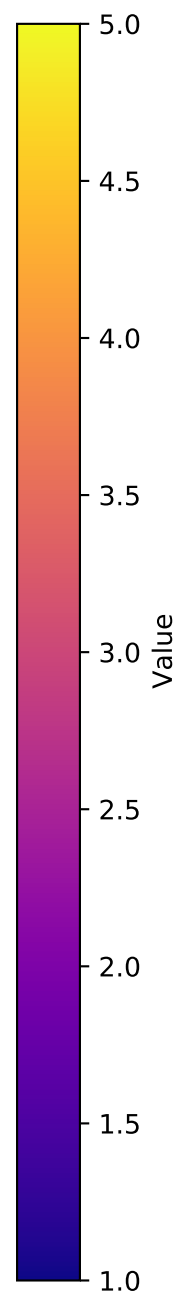
Skeletal Image

Final Graph
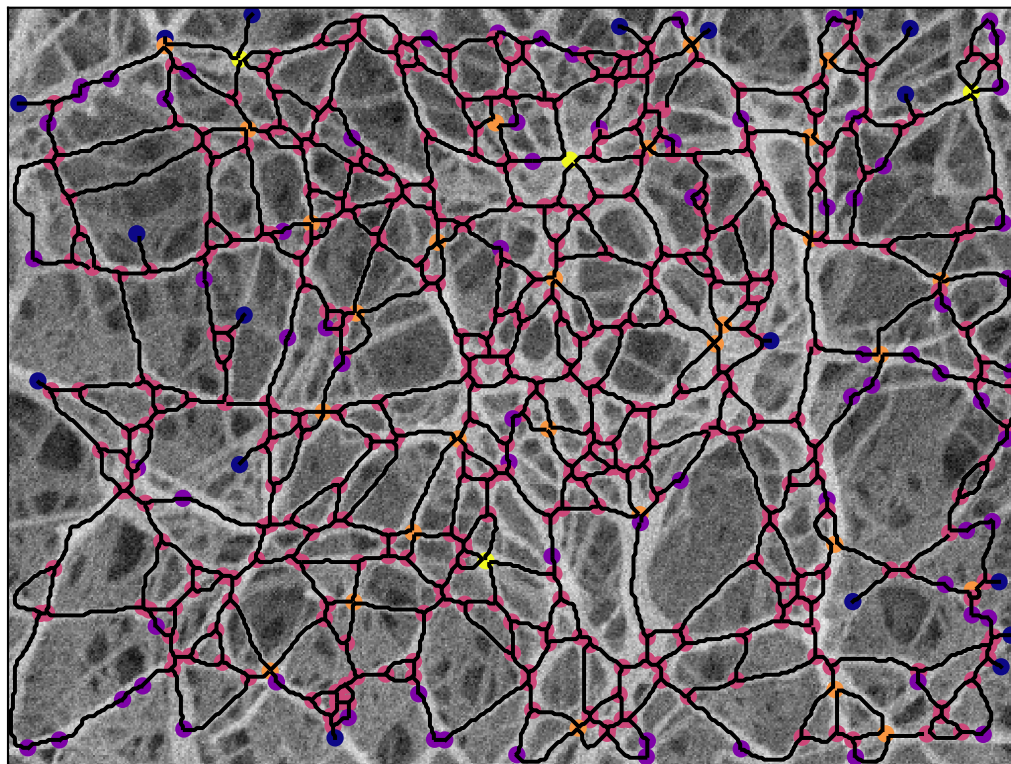
## Unweighted GT Parameters

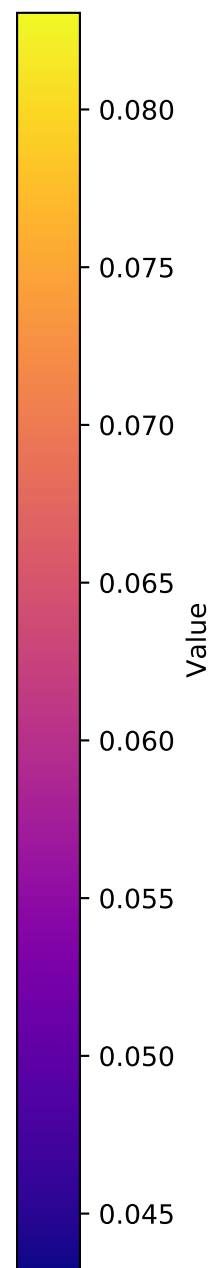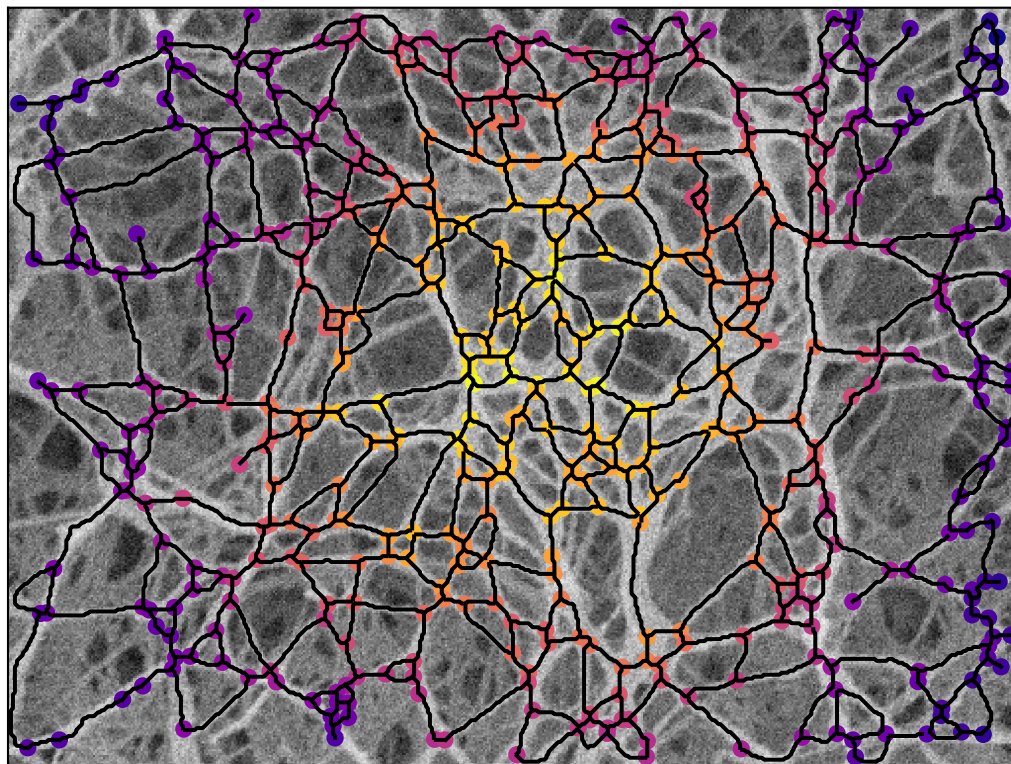| | |
|---|---|
| Number of nodes | 513.0 |
| Number of edges | 732.0 |
| Average degree | 2.8538 |
| Network diameter | 40.0 |
| Graph density | 0.00557 |
| Global efficiency | 0.08982 |
| Wiener Index | 2110288.0 |
| Average nodal connectivity | 2.45916 |
| Assortativity coefficient | -0.04063 |
| Average closeness centrality | 0.06376 |

## Degree Distribution: $\sigma$=0.593

Degree Heatmap

Closeness Centrality Heatmap

Run Info
Test_SEM || 2023-04-07 14:09:13
|| Adaptive Threshold, 111 bit kernel|| Gamma = 0.5 || Median Filter || Gaussian Blur, 3 bit kernel
|| Merge Nodes || Prune Dangling Edges || Remove Objects of Size 500 || Remove Self Loops || Multigraph allowed