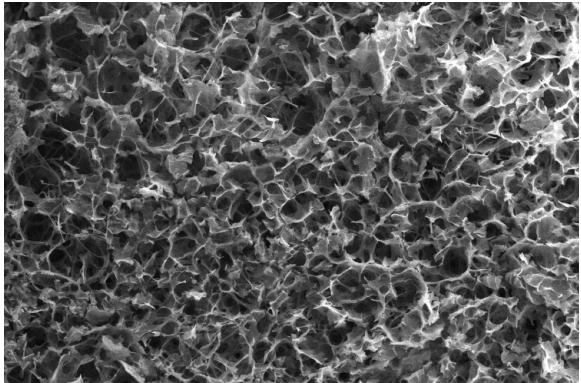
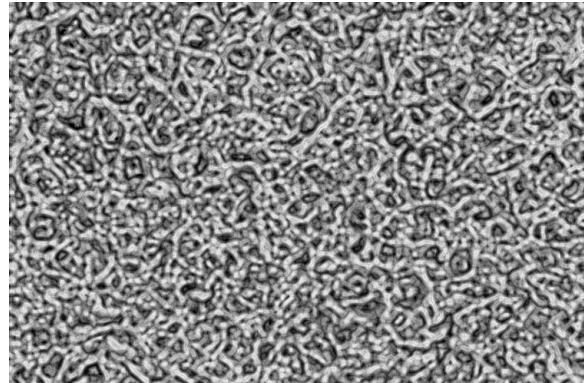


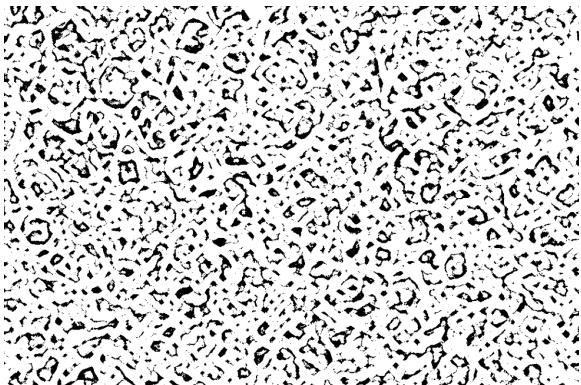
Original Image



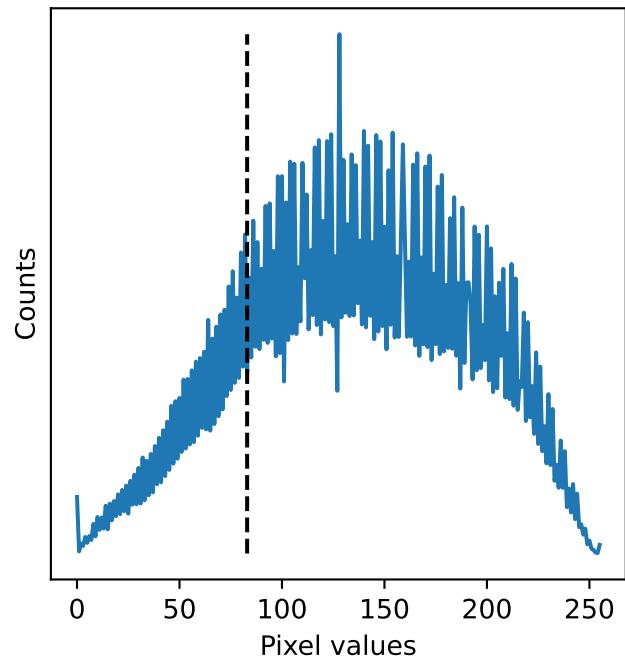
Processed Image



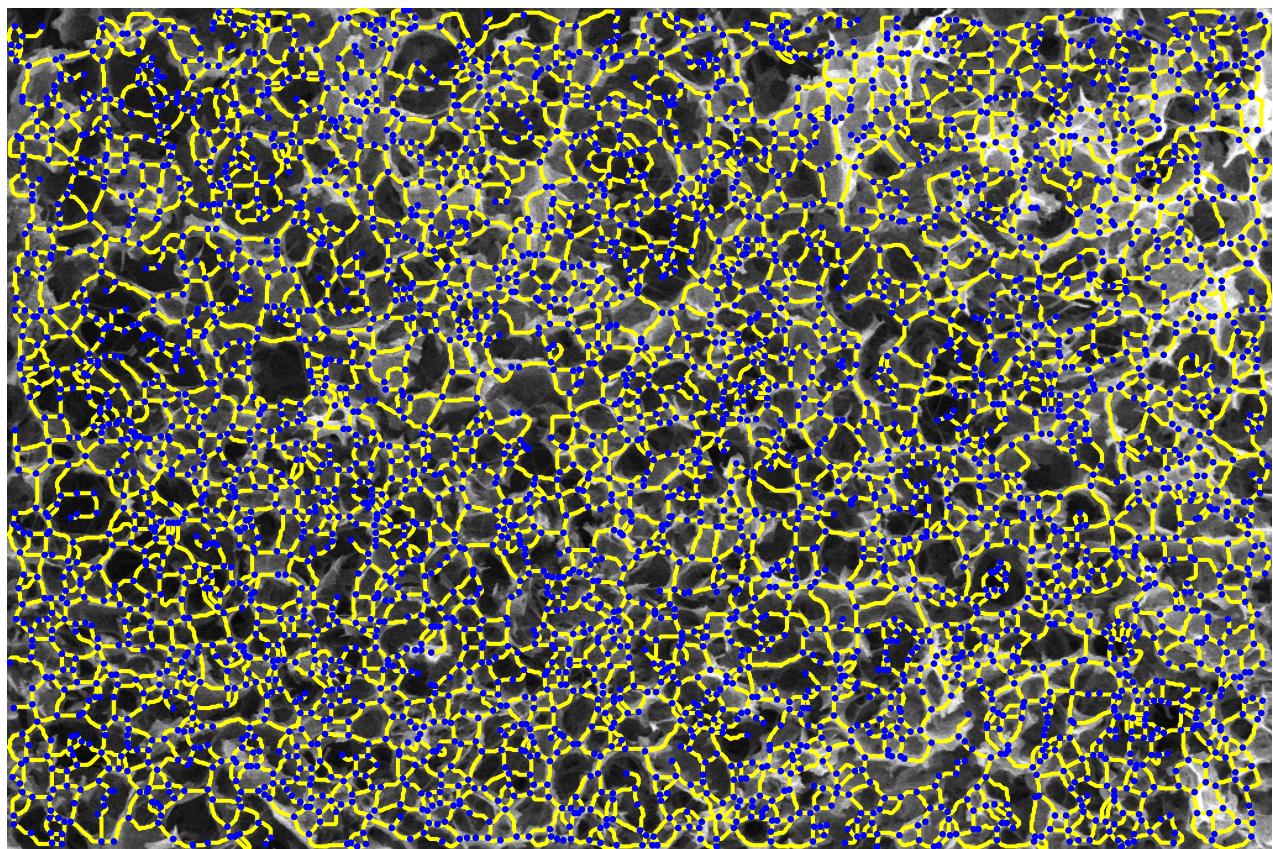
Binary Image



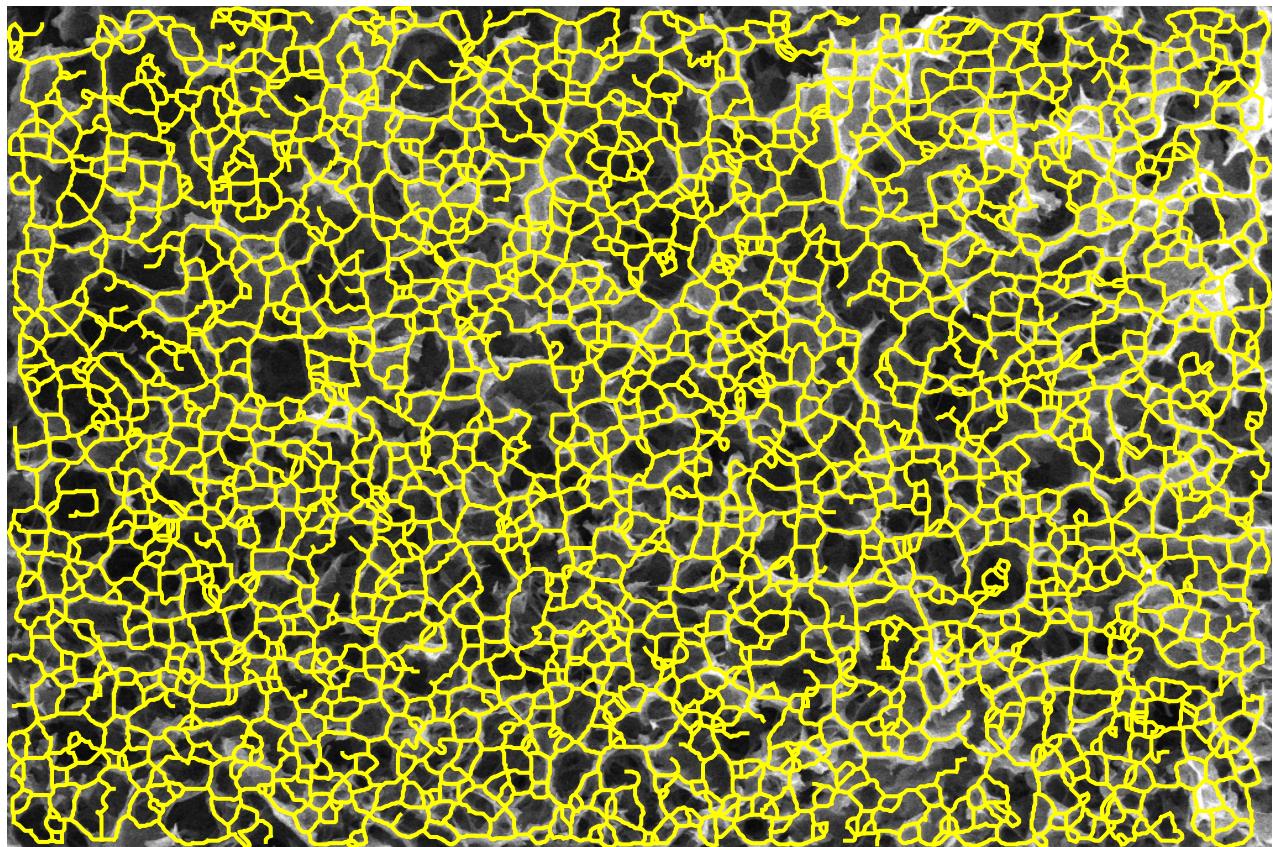
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



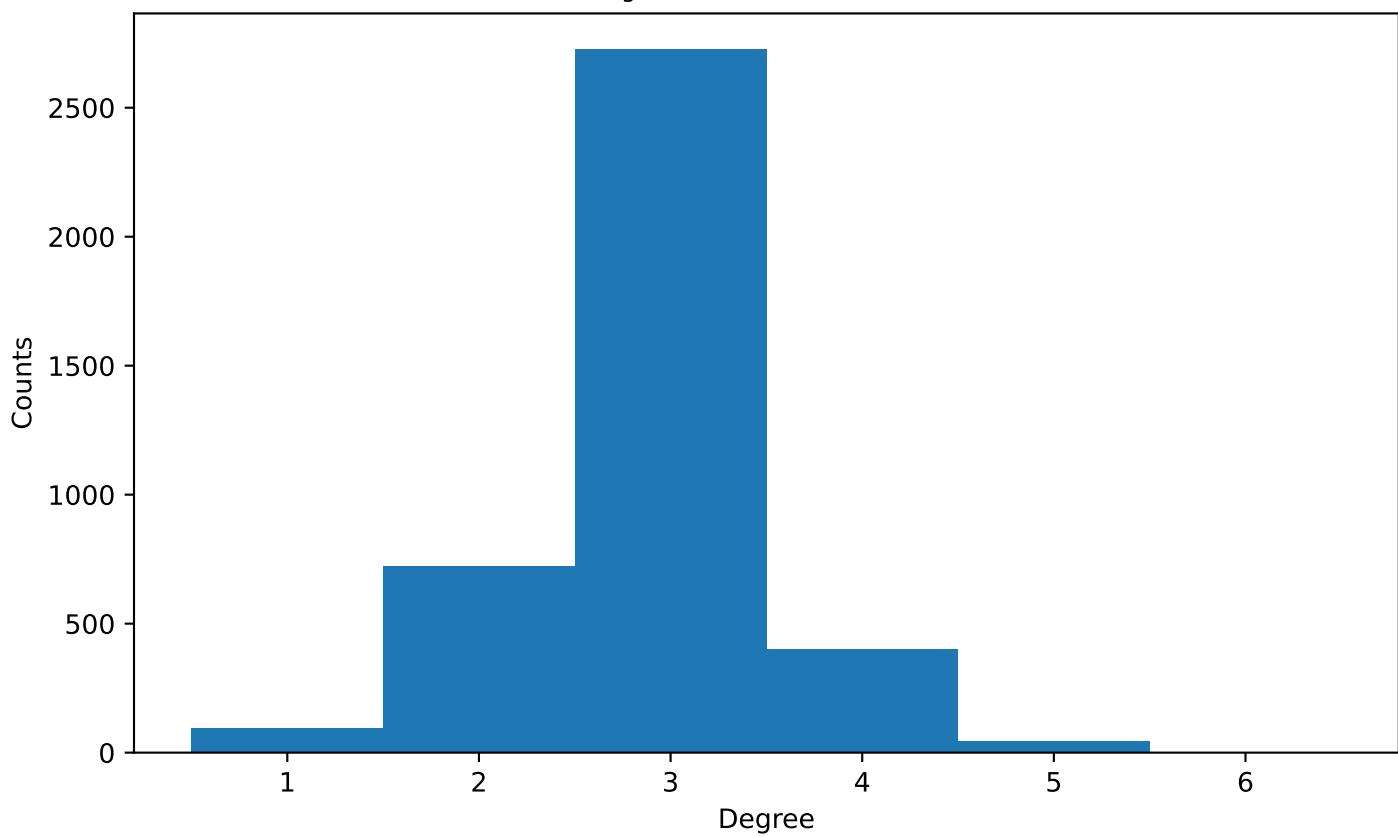
Unweighted GT parameters

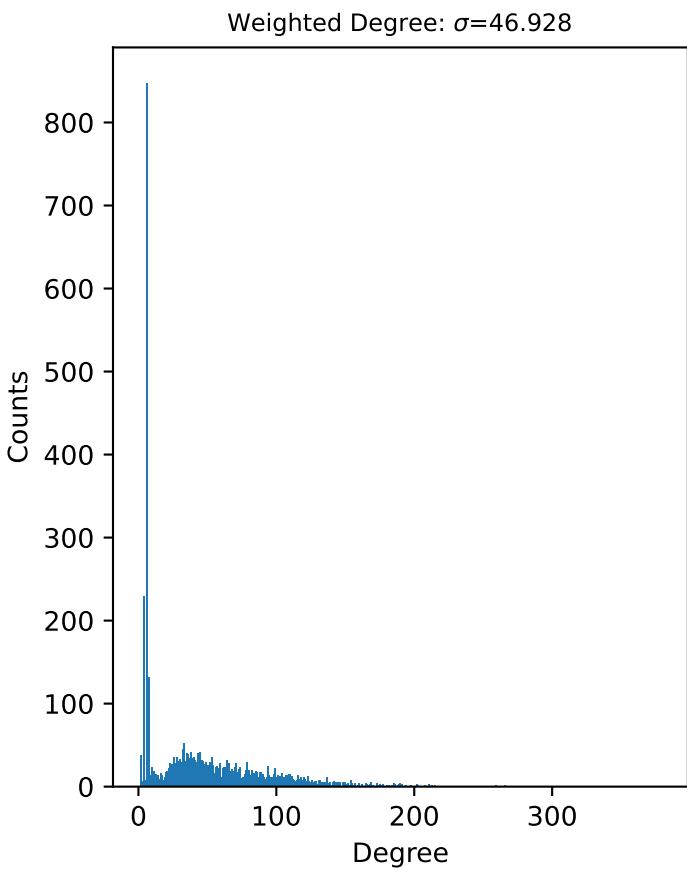
| | |
|------------------------------|---------|
| Number of nodes | 3998.0 |
| Number of edges | 5790.0 |
| Average edge angle (degrees) | 159.023 |
| Median edge angle (degrees) | 90.0 |
| Average degree | 2.89645 |
| Network diameter | 110.0 |
| Graph density | 0.00072 |

Weighted GT parameters

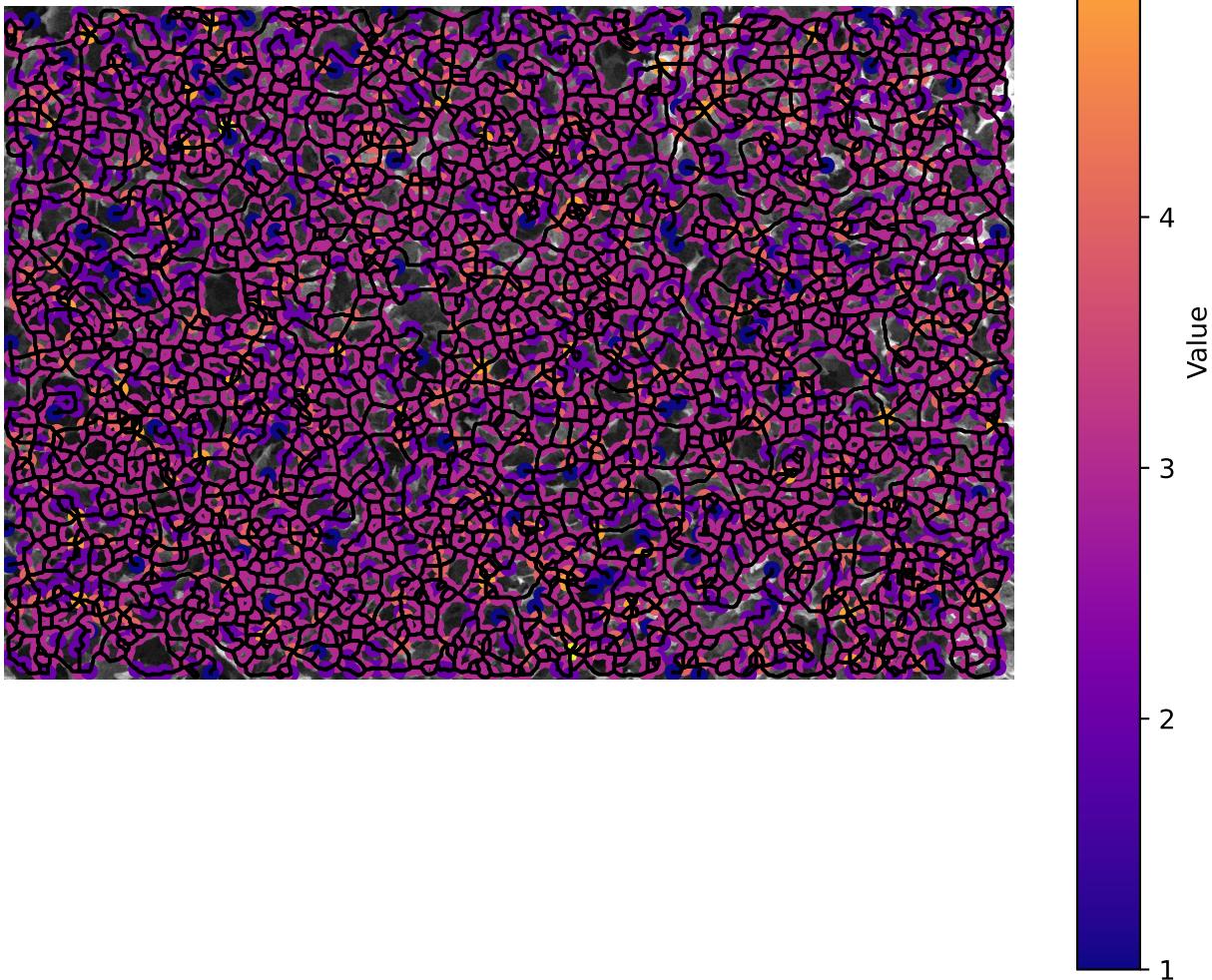
| | |
|----------------------------------|----------|
| Diameter-weighted average degree | 48.27827 |
|----------------------------------|----------|

Degree Distribution: $\sigma=0.646$

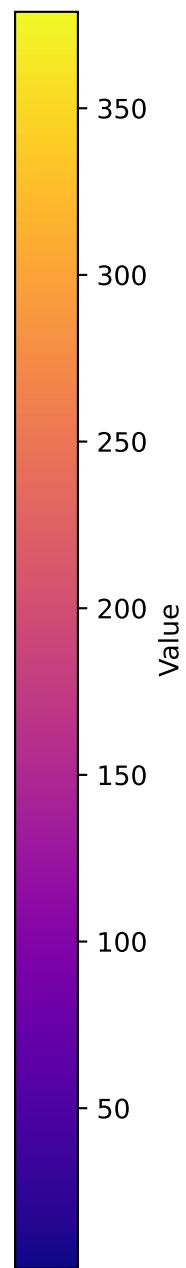
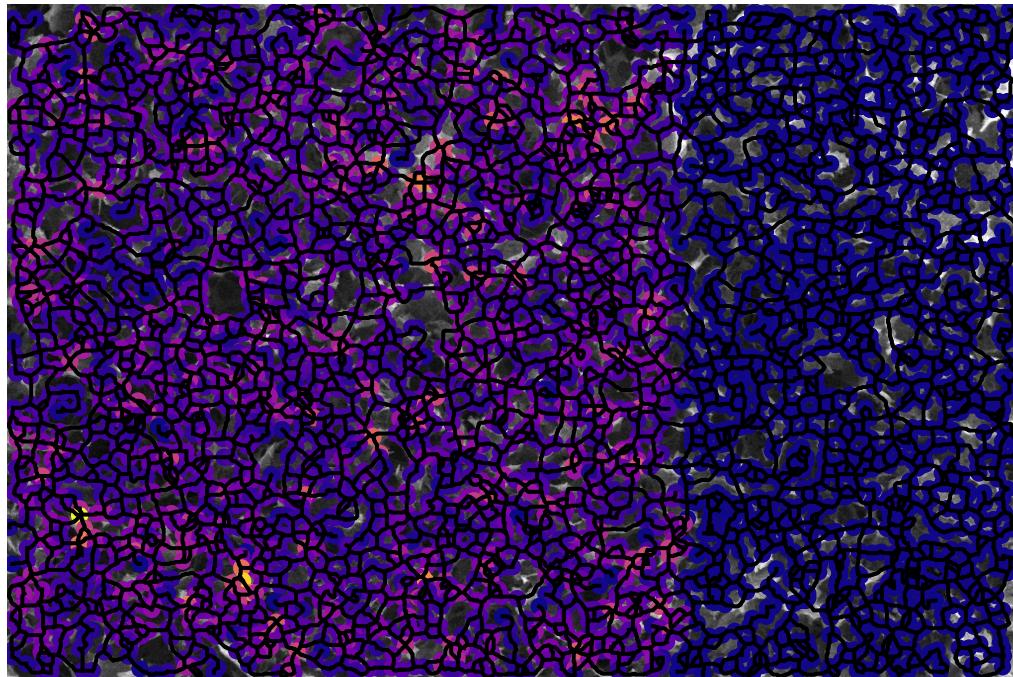




Degree Heatmap



Weighted Degree Heatmap



Run Info

d (2).tif
2025-06-04 18:10:42

Image Filter Configurations
Global Threshold (83.0) || Gamma = 1.02
Median Filter || Gaussian Blur, 5.0 bit kernel || Autolevel, 7.0 bit kernel
Scharf Gradient || Low-pass filter, 3 window size

Microscopy Parameters
Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1
Resistivity = 1.0Ωm

Image Scale
Size = 682 x 1024 px || Scale Factor = 0.6666666666666666

Graph Extraction Configurations
Weight Type: Diameter || Merge Nodes || Prune Dangling Edges
Remove Objects of Size = 500 || Remove Self Loops