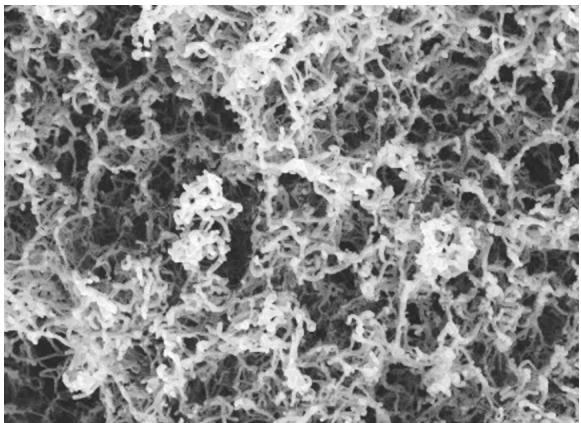
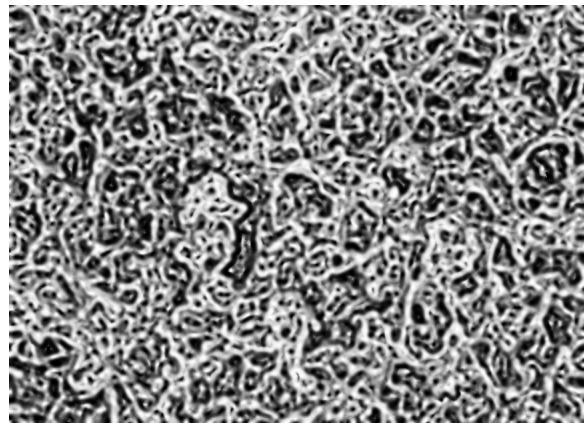


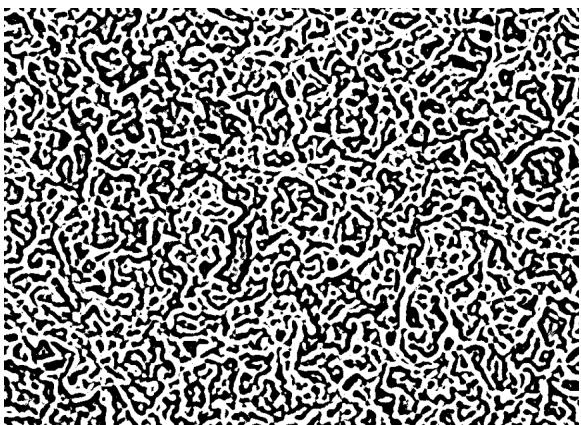
Original Image



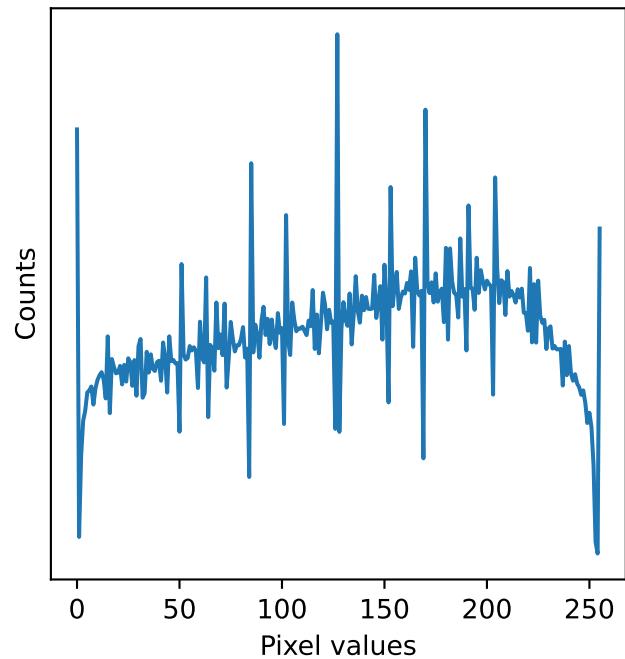
Processed Image



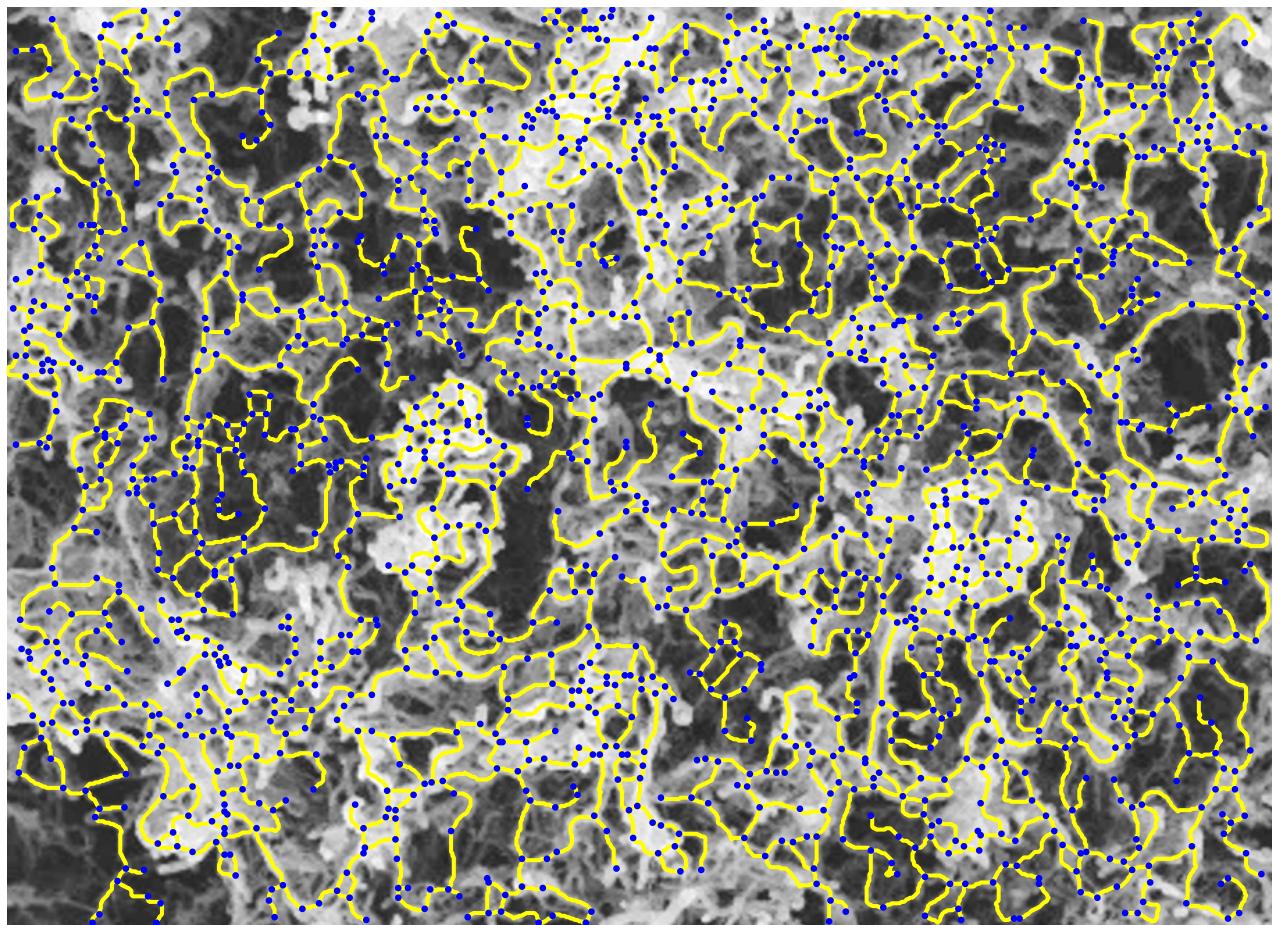
Binary Image



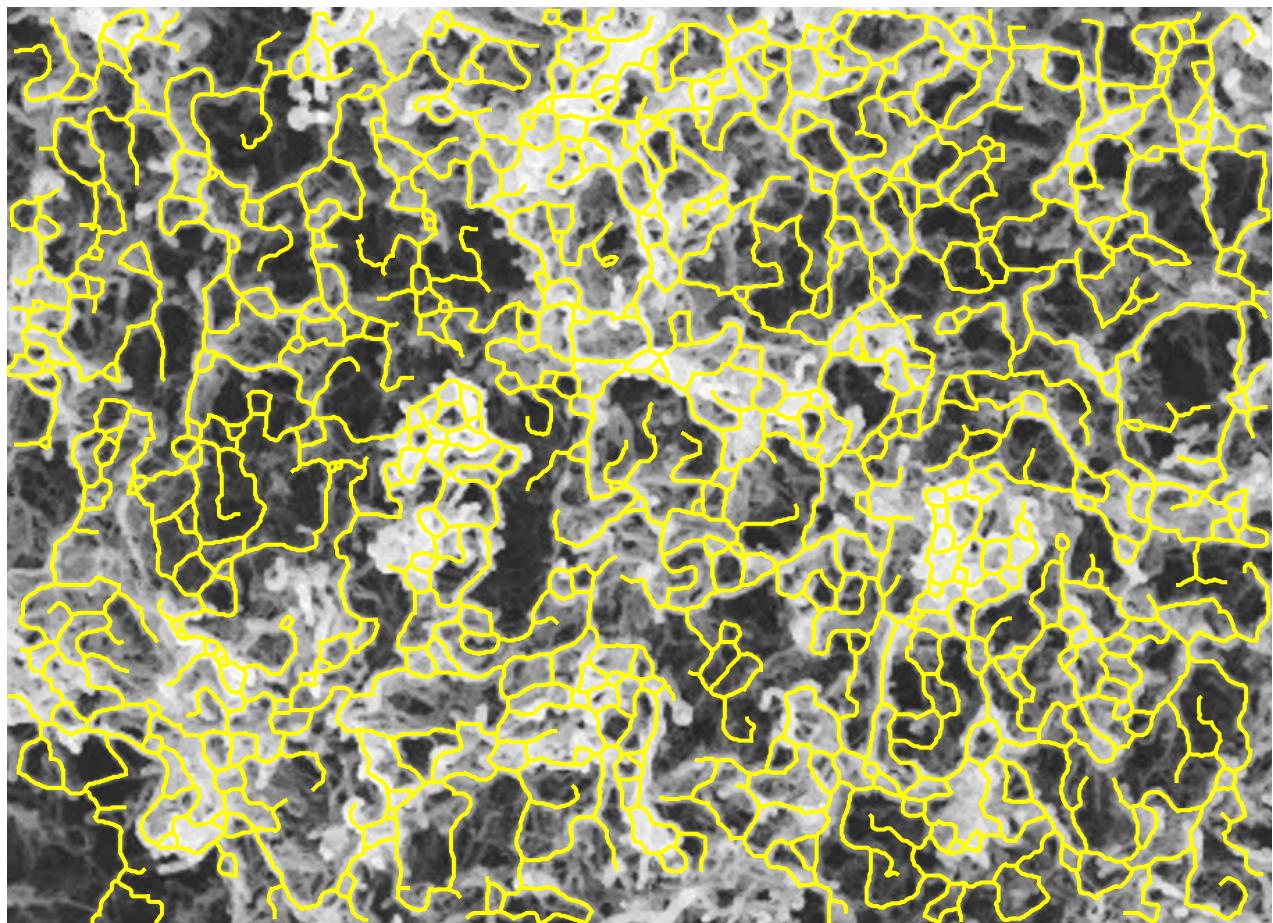
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

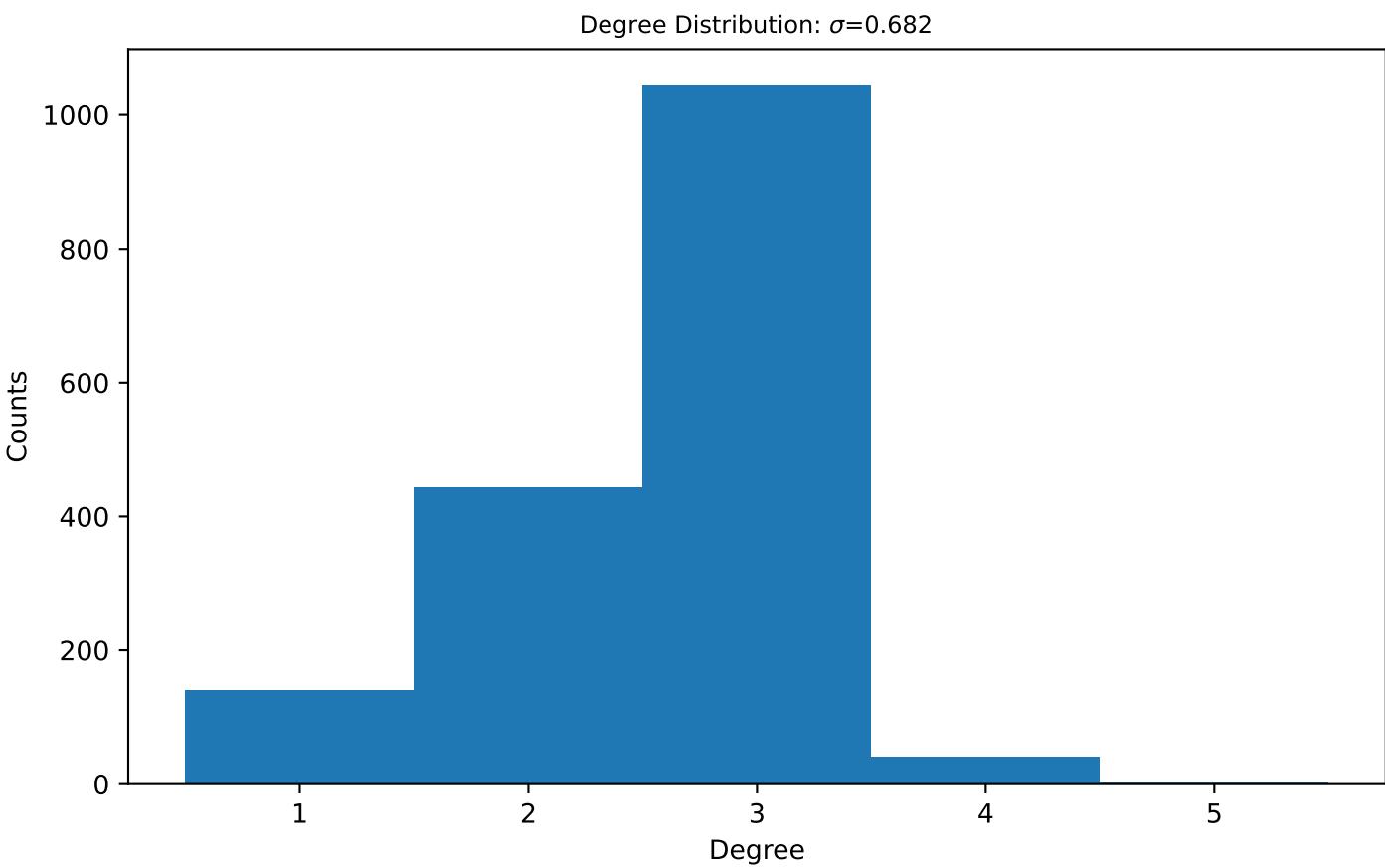


### Unweighted GT parameters

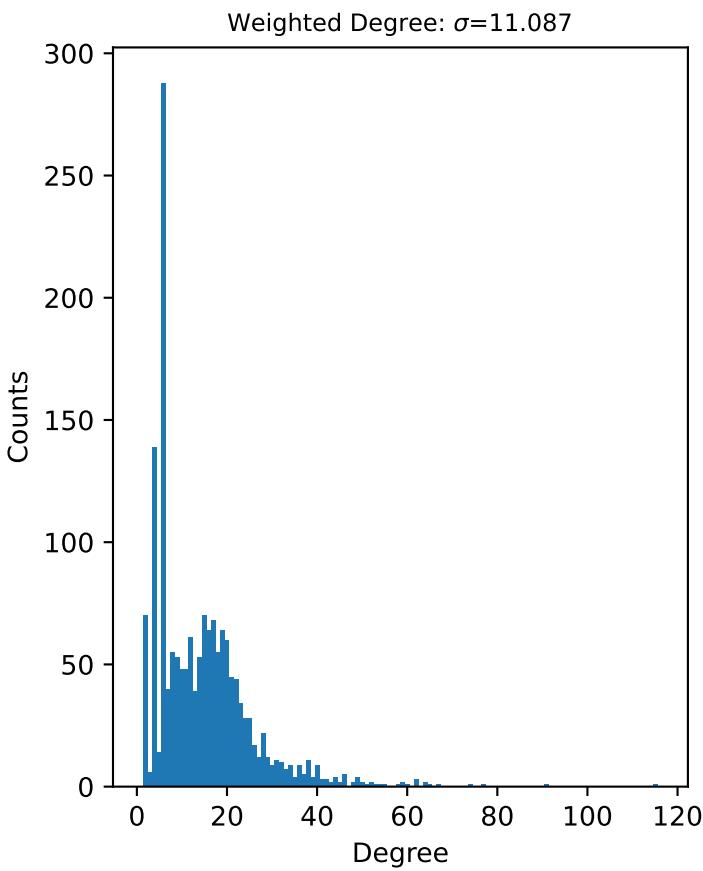
Number of nodes	1673.0
Number of edges	2170.0
Average edge angle (degrees)	165.208
Median edge angle (degrees)	90.0
Average degree	2.59414
Network diameter	122.0
Graph density	0.00155

### Weighted GT parameters

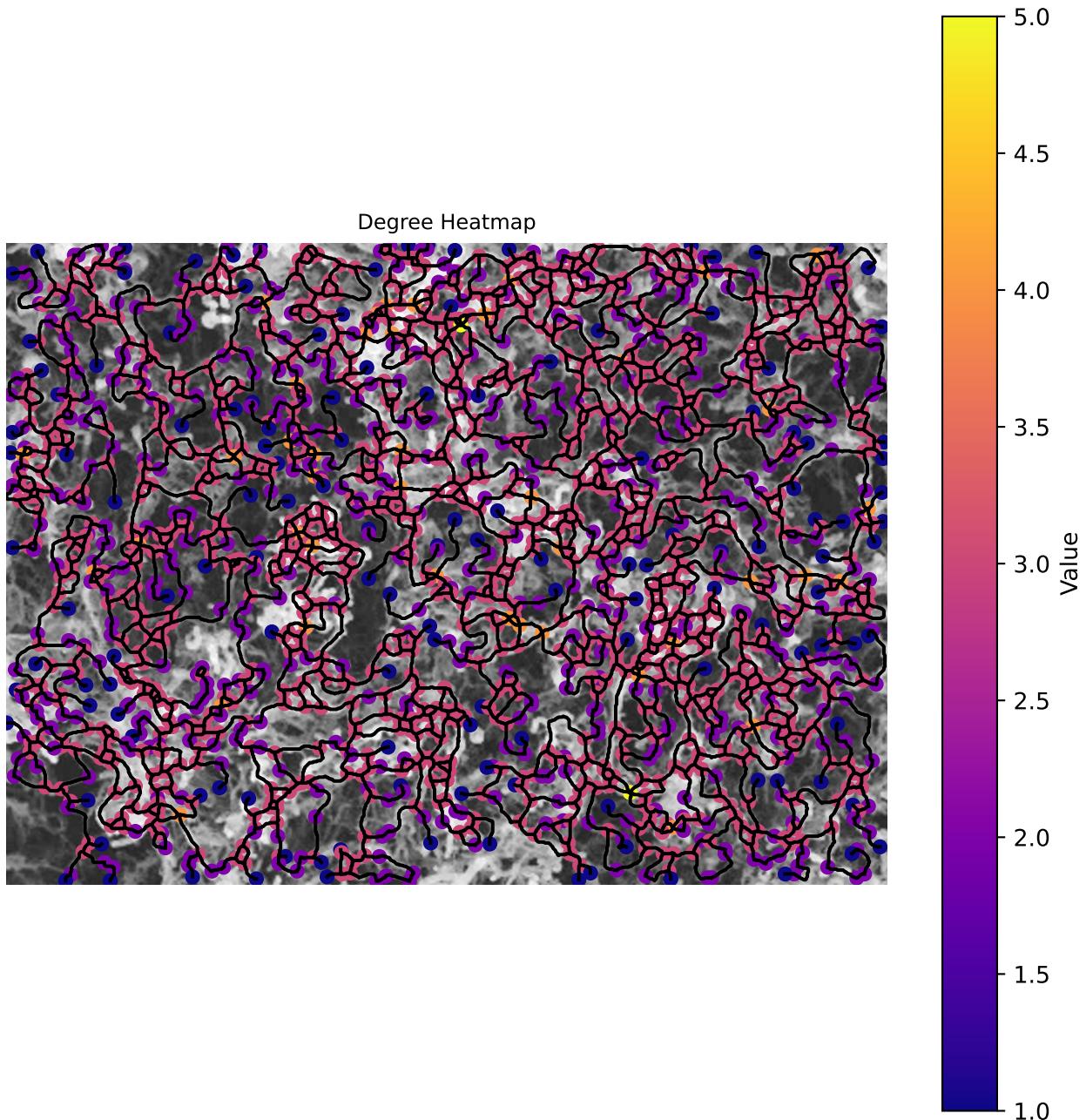
Diameter-weighted average degree	14.77643
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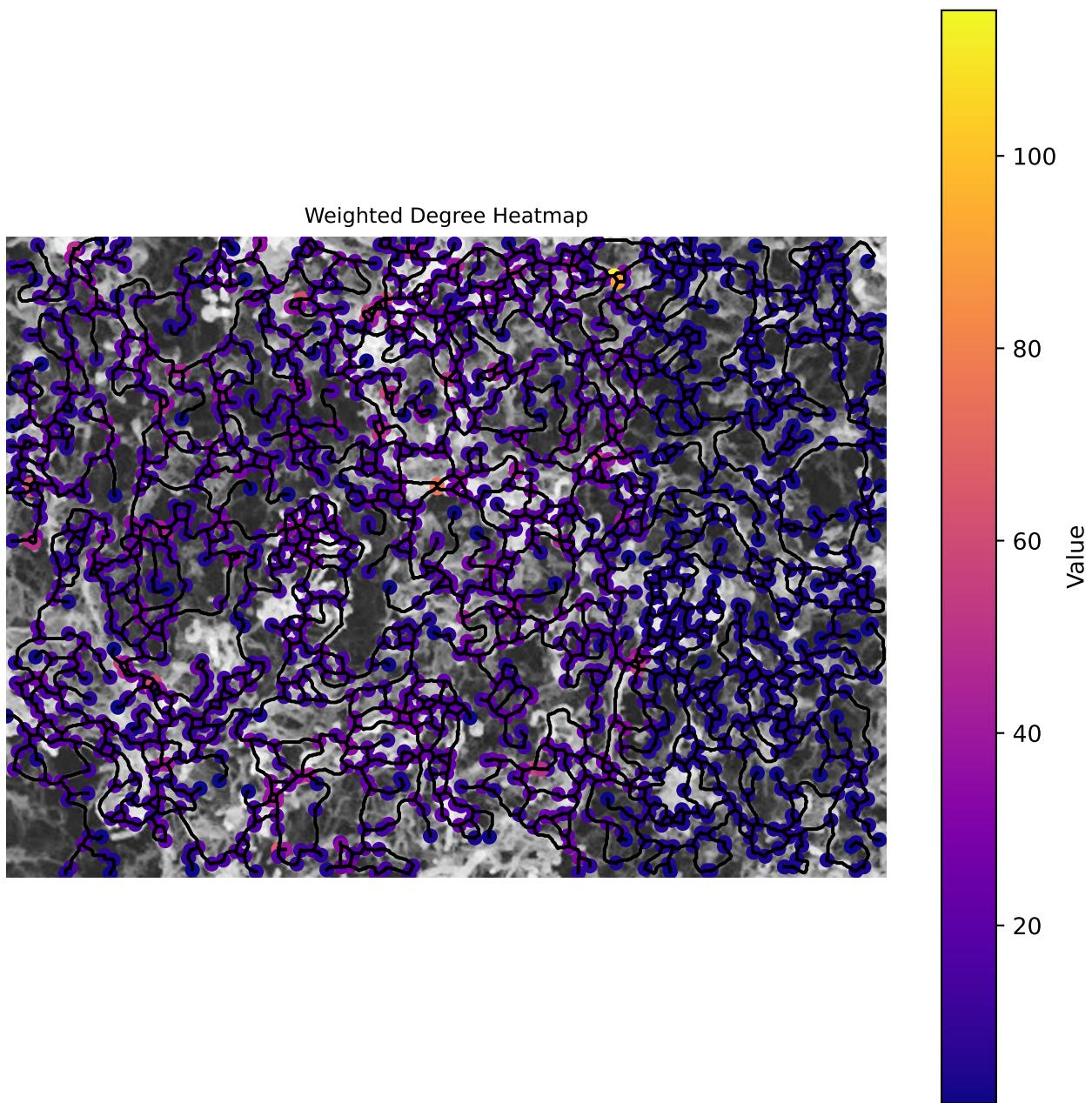




Degree Heatmap



Weighted Degree Heatmap



## Run Info

CANN copy.jpeg  
2025-05-21 14:38:34

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\*\*\*Image Filter Configurations\*\*\*

Adaptive Threshold, 25 bit kernel || Gamma = 0.9400000000000001  
Median Filter || Gaussian Blur, 7.0 bit kernel || Autolevel, 7.0 bit kernel  
Low-pass filter, 3 window size

\*\*\*Microscopy Parameters\*\*\*

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

\*\*\*Image Scale\*\*\*

Size = 662 x 910 px || Scale Factor = 1.0

\*\*\*Graph Extraction Configurations\*\*\*

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