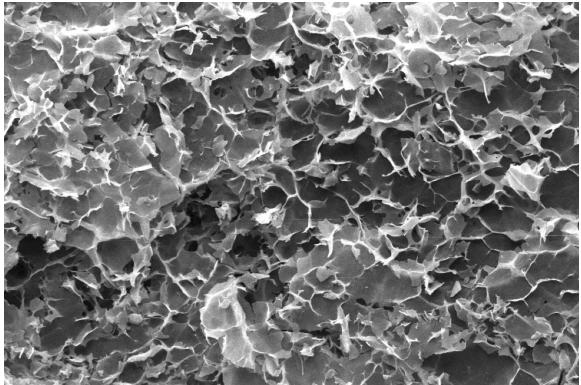
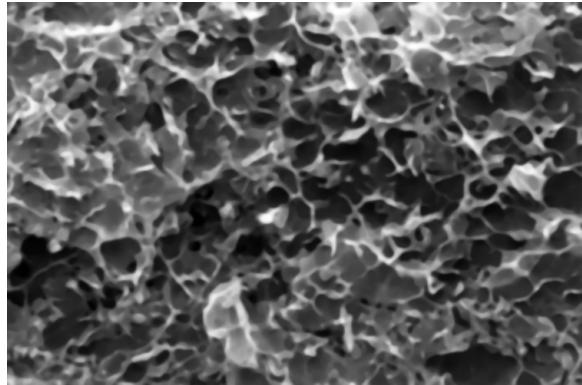


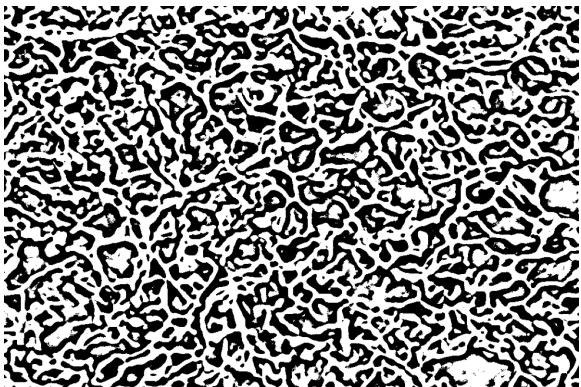
Original Image



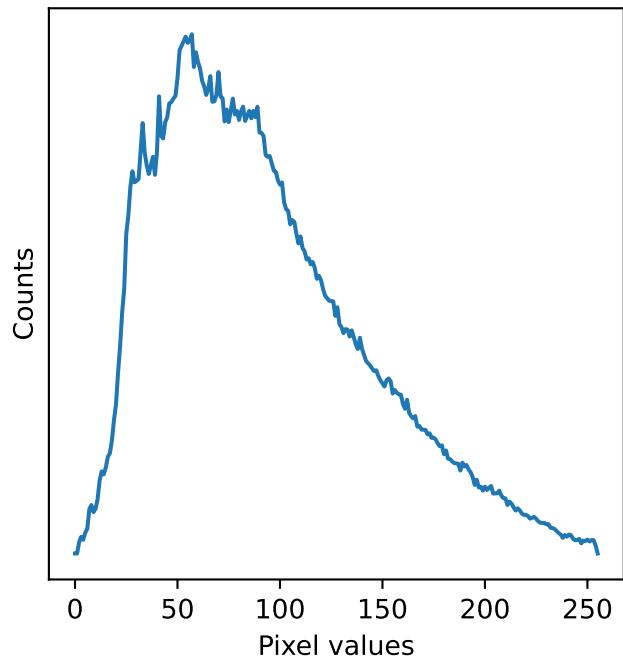
Processed Image



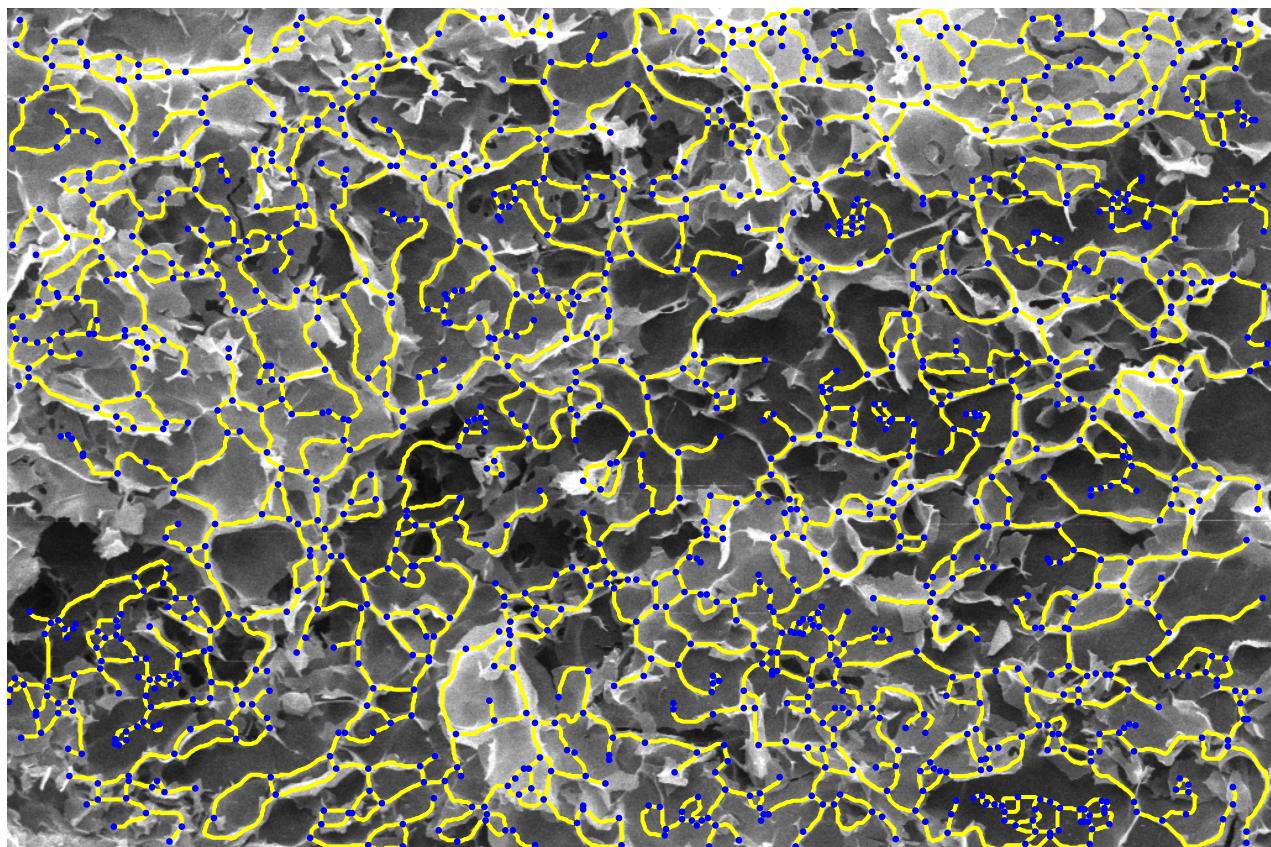
Binary Image



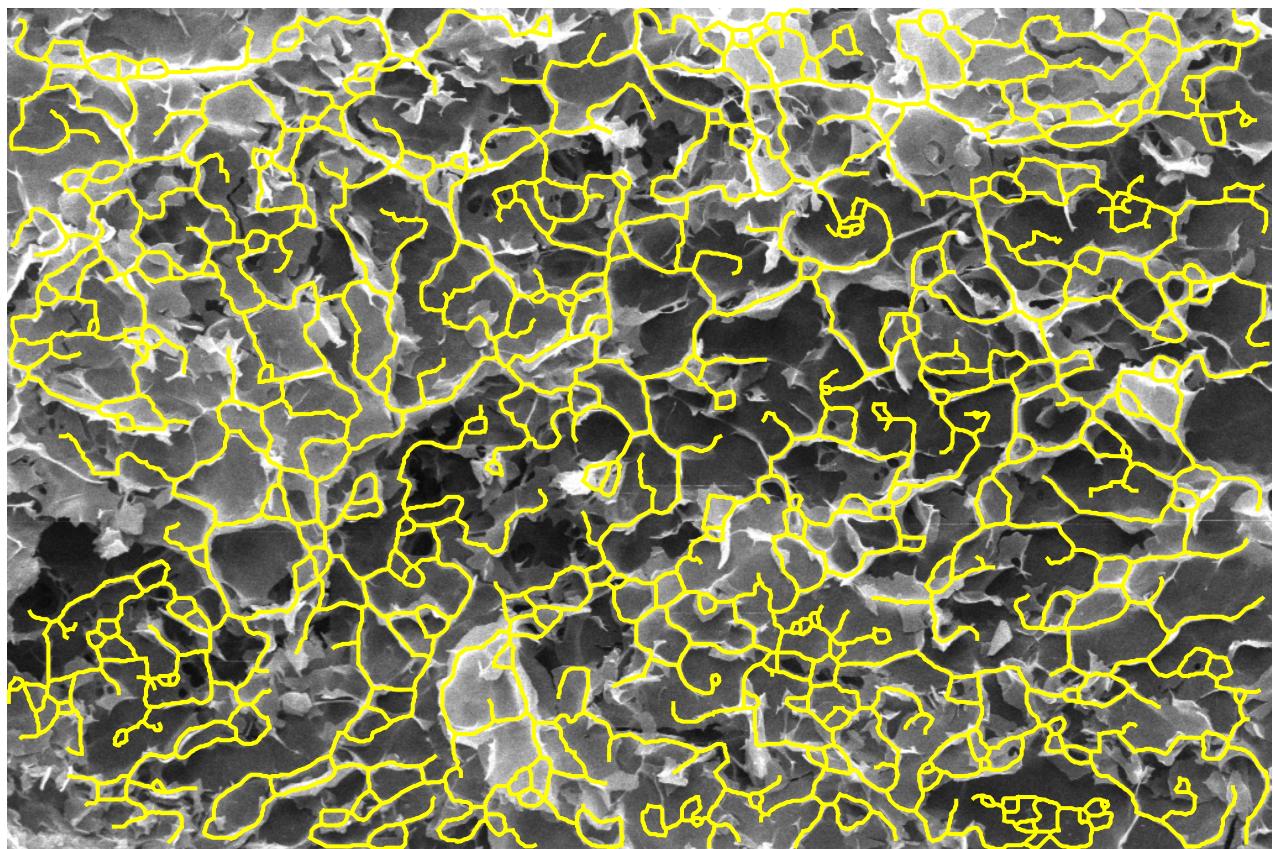
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

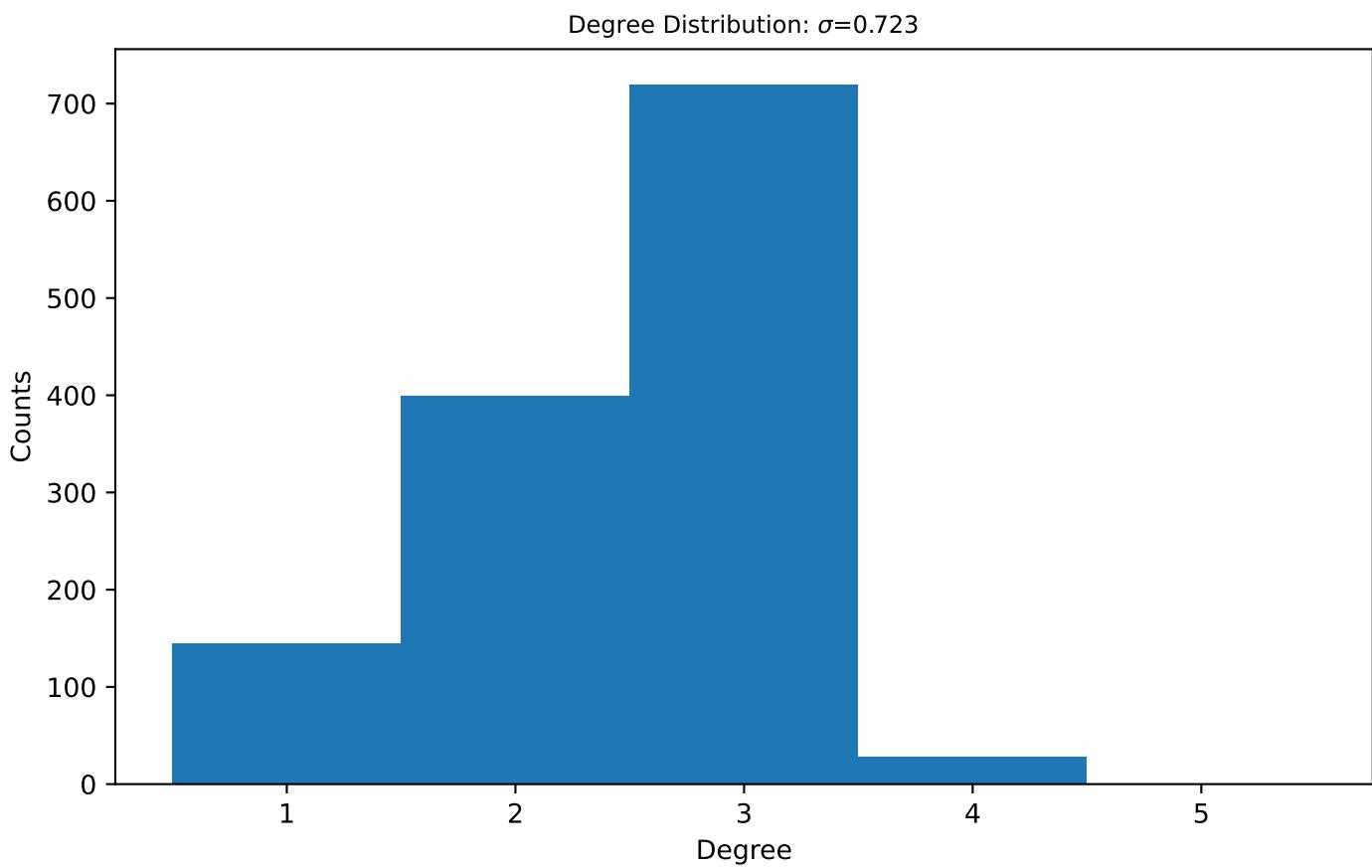


### Unweighted GT parameters

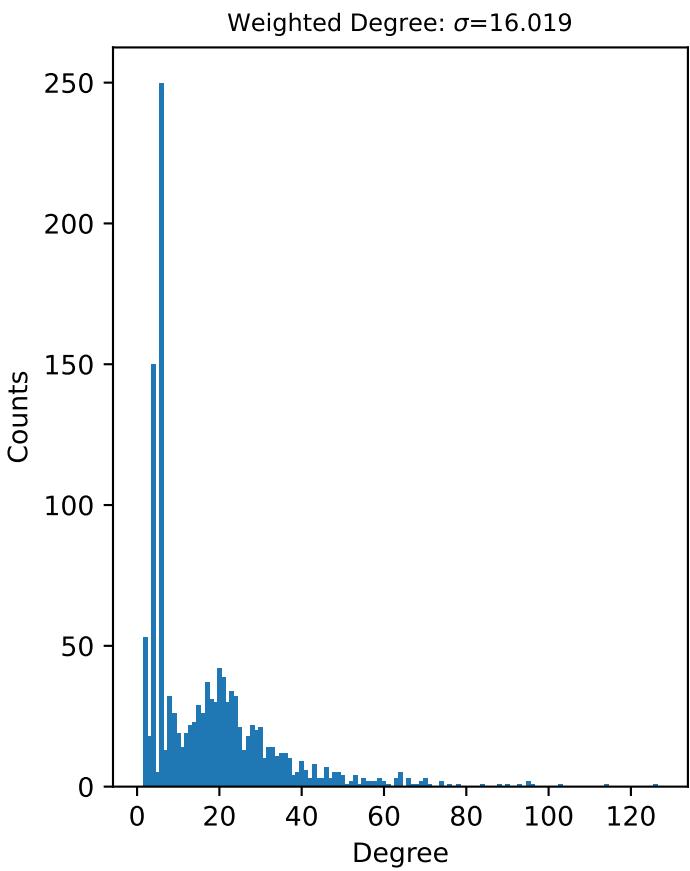
Number of nodes	1293.0
Number of edges	1610.0
Average edge angle (degrees)	167.121
Median edge angle (degrees)	90.0
Average degree	2.49033
Network diameter	77.0
Graph density	0.00193

### Weighted GT parameters

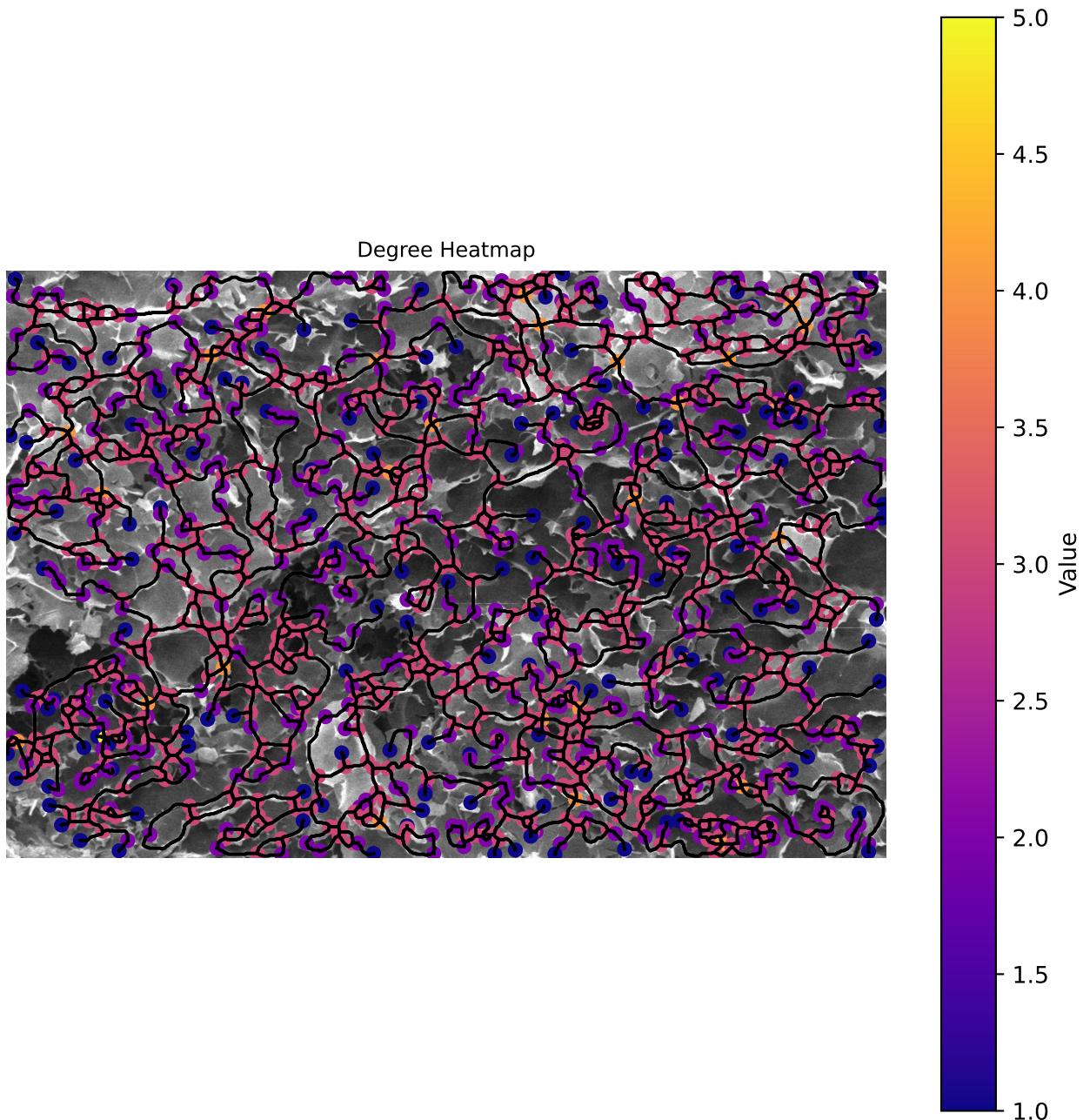
Diameter-weighted average degree	17.90807
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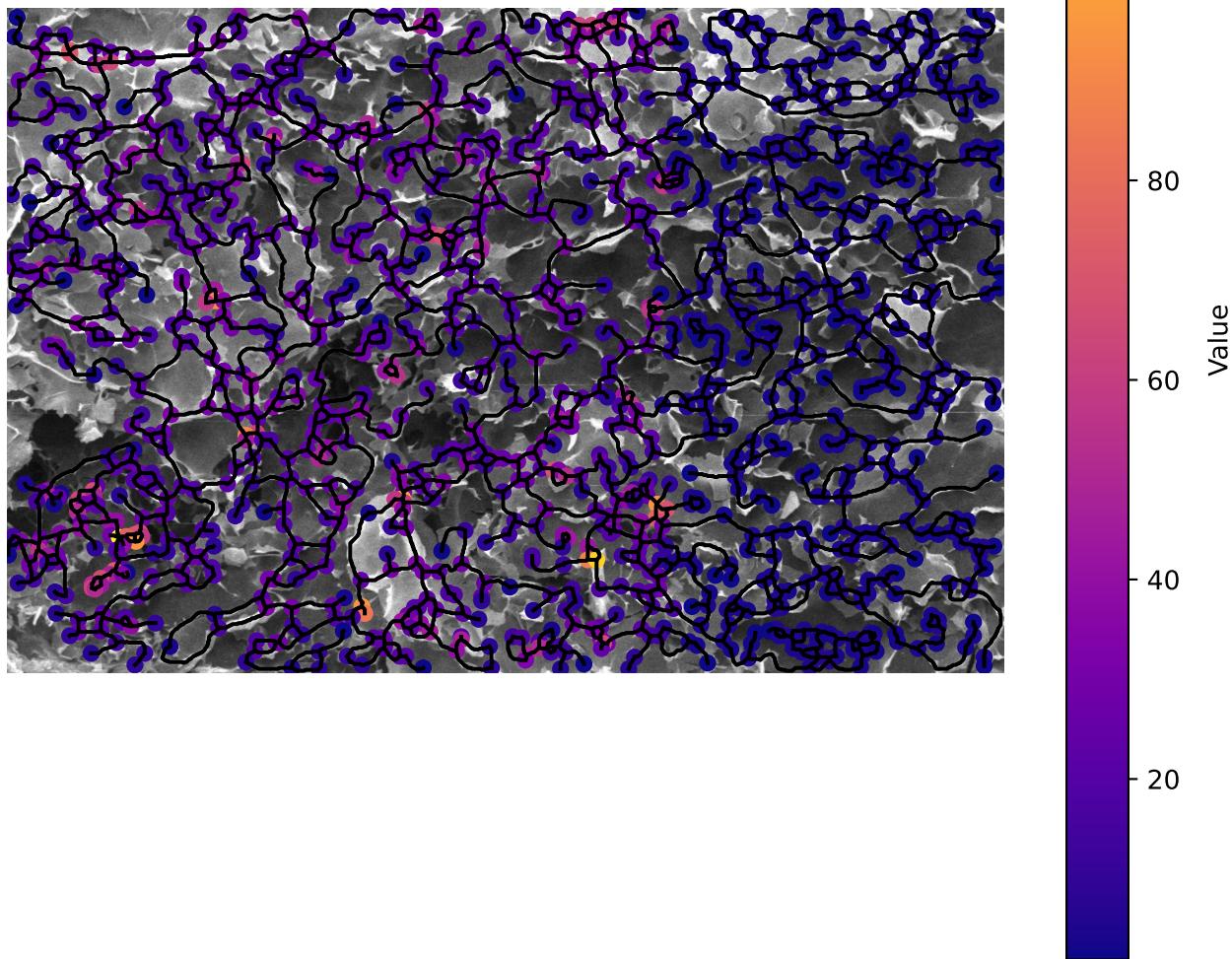




Degree Heatmap



Weighted Degree Heatmap



## Run Info

h (1).tif  
2025-05-21 19:41:21

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

Adaptive Threshold, 27 bit kernel || Gamma = 0.78  
Median Filter || Gaussian Blur, 5.0 bit kernel  
Low-pass filter, 11 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