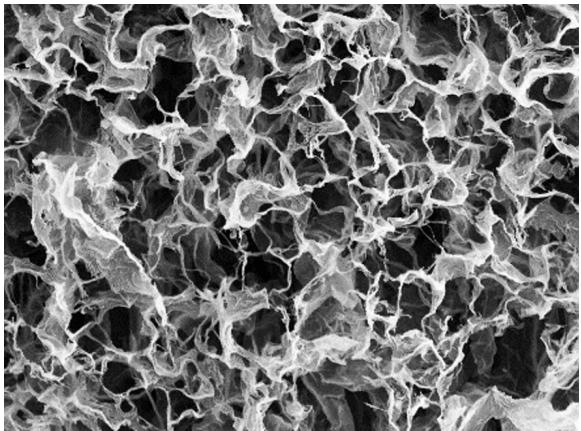
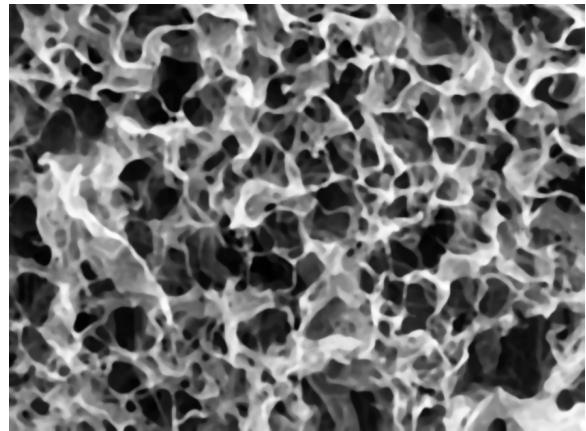


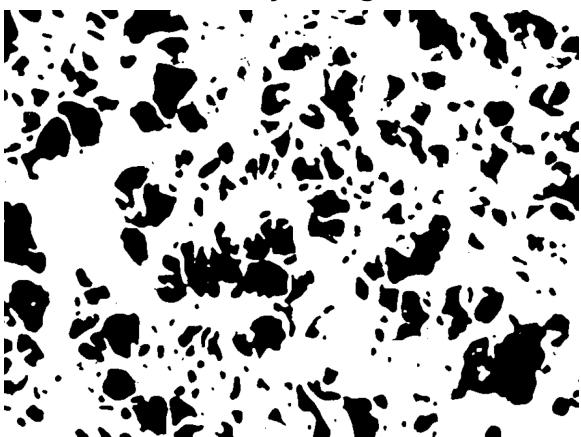
Original Image



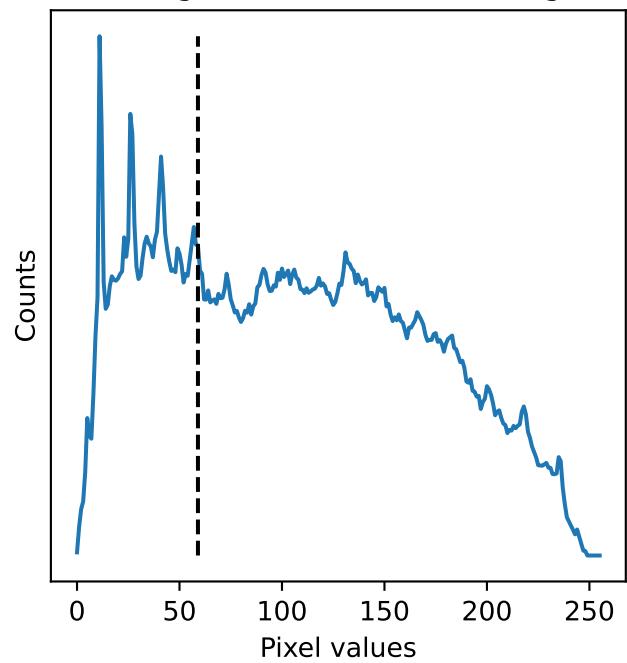
Processed Image



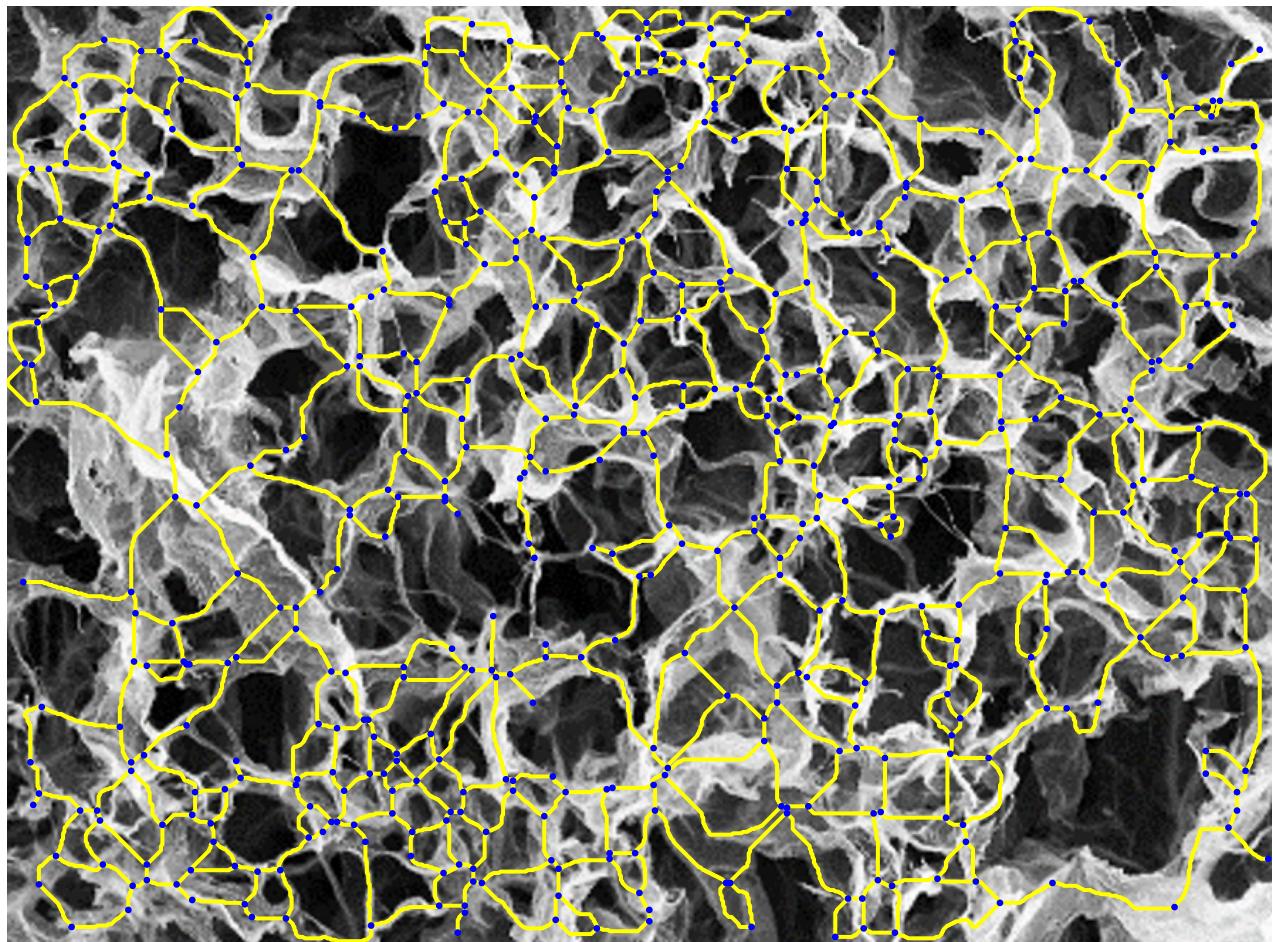
Binary Image



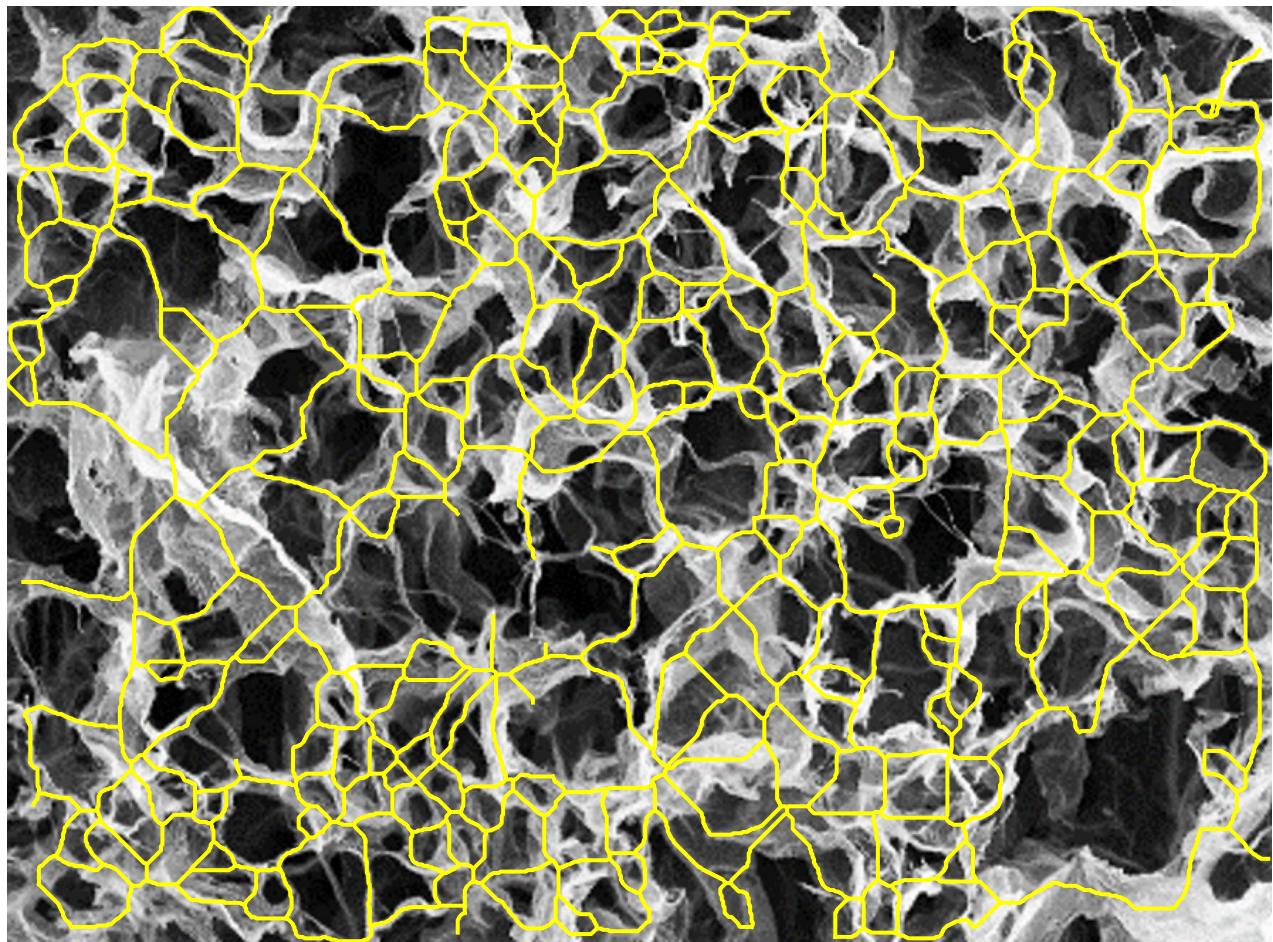
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



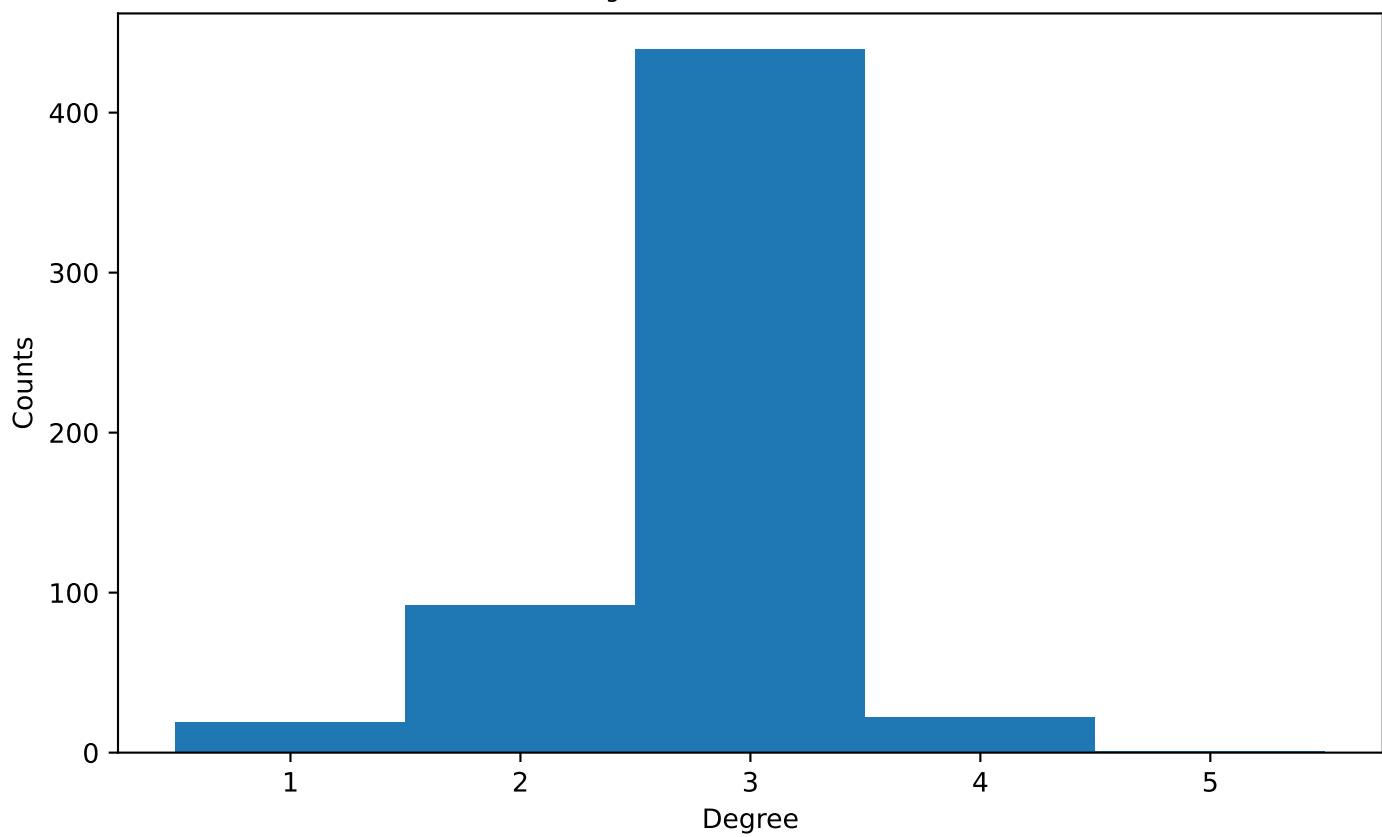
### Unweighted GT parameters

Number of nodes	574.0
Number of edges	808.0
Average edge angle (degrees)	170.239
Median edge angle (degrees)	90.0
Average degree	2.81533
Network diameter	48.0
Graph density	0.00491

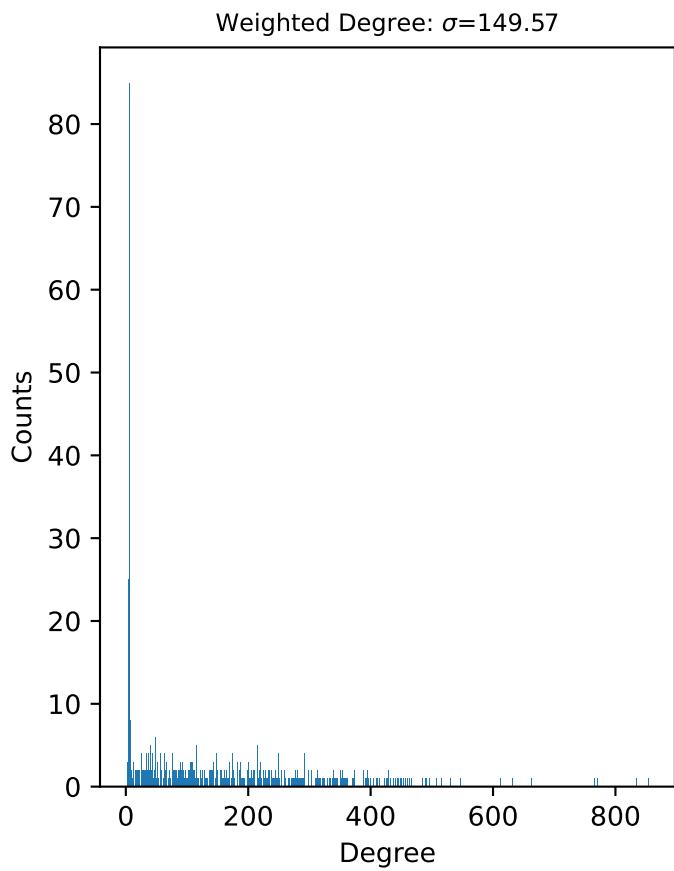
### Weighted GT parameters

Diameter-weighted average degree	149.86237
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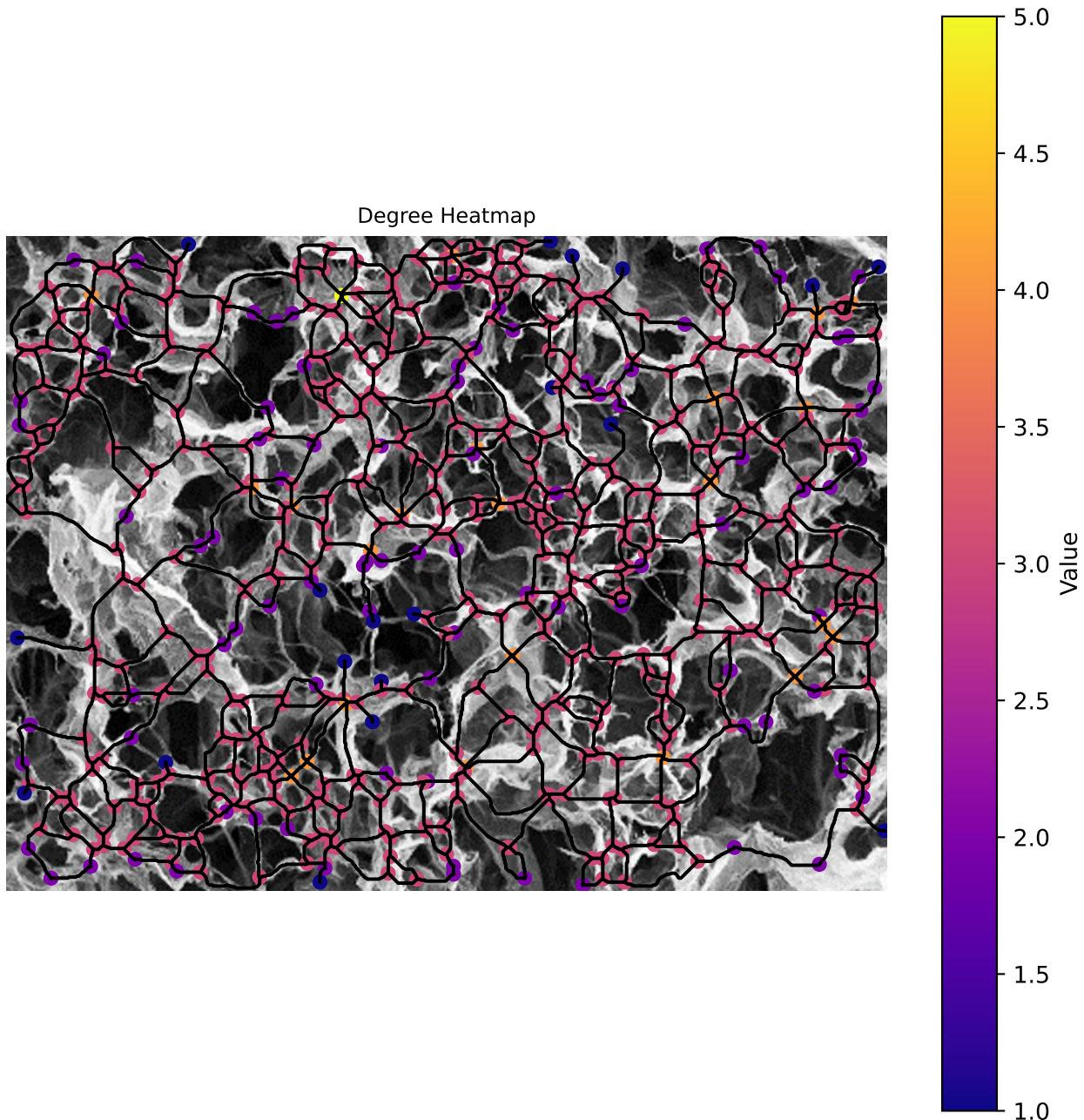
Degree Distribution:  $\sigma=0.552$



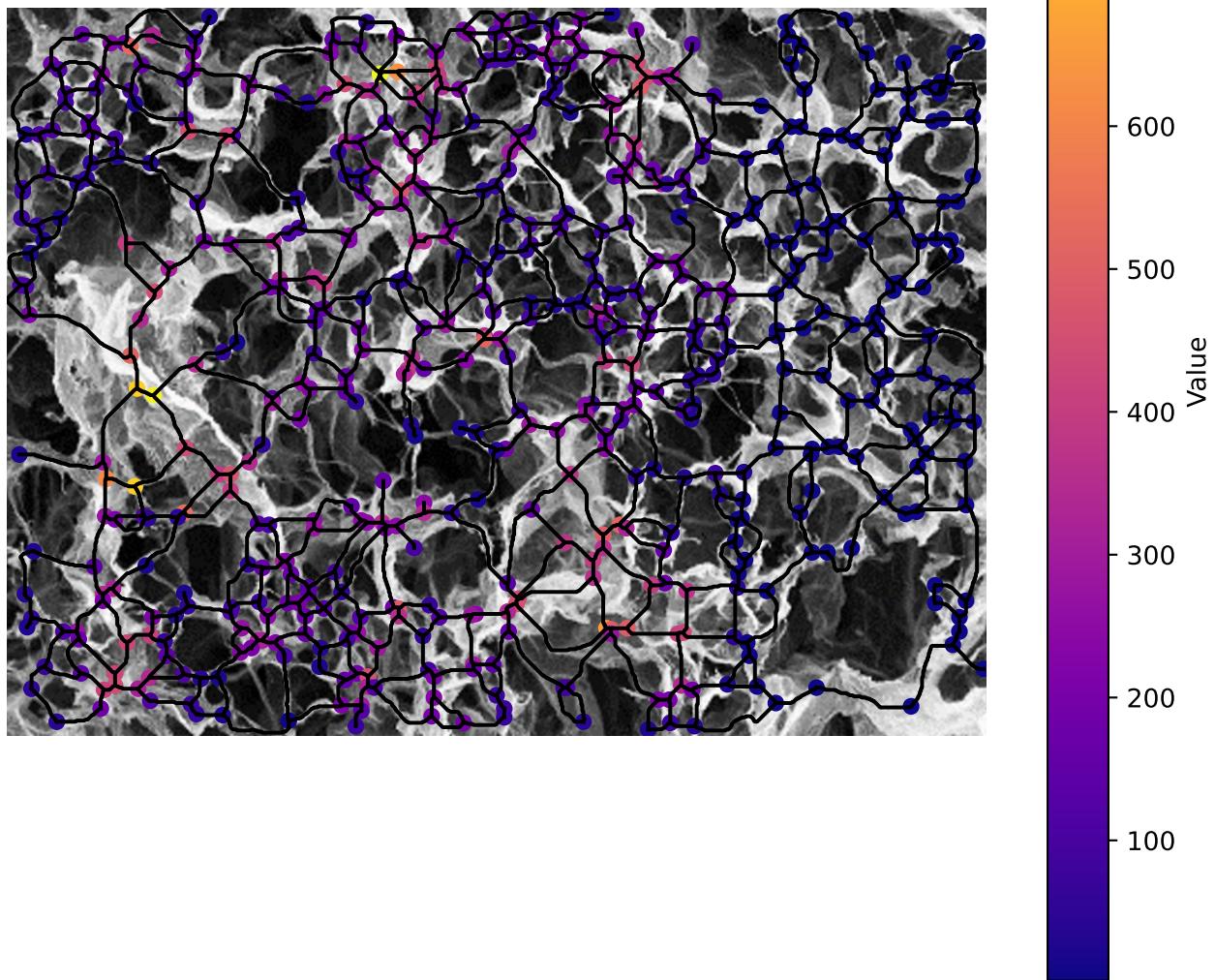




Degree Heatmap



Weighted Degree Heatmap



## Run Info

CCF copy.jpeg  
2025-05-21 14:57:01

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\*\*\*Image Filter Configurations\*\*\*  
Global Threshold (59.0) || Gamma = 0.92  
Median Filter || Gaussian Blur, 3.0 bit kernel  
Low-pass filter, 1 window size

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

\*\*\*Image Scale\*\*\*  
Size = 661 x 891 px || Scale Factor = 1.0

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