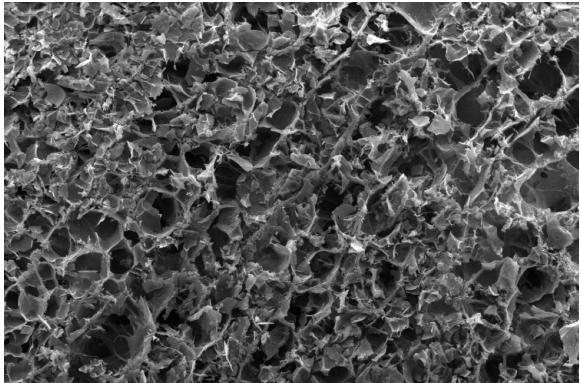
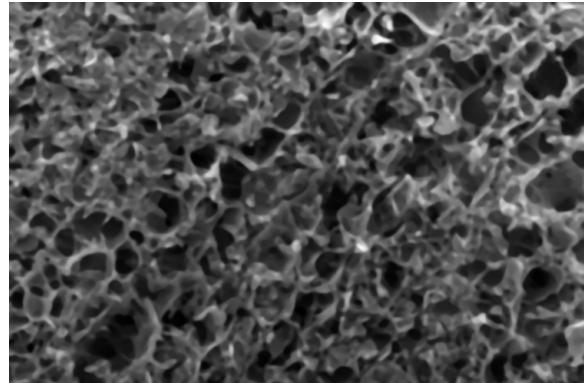


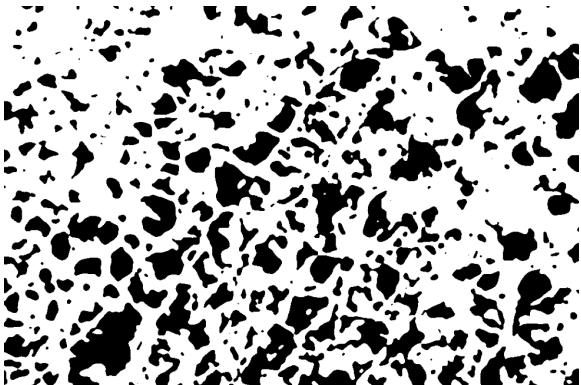
Original Image



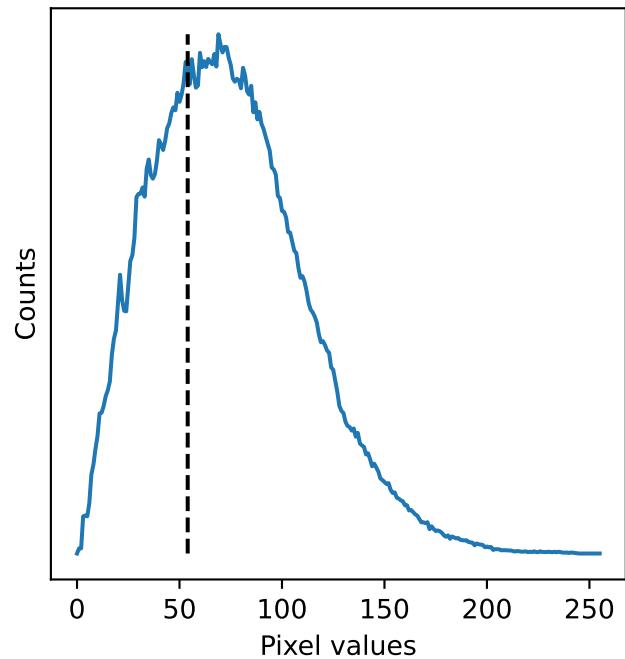
Processed Image



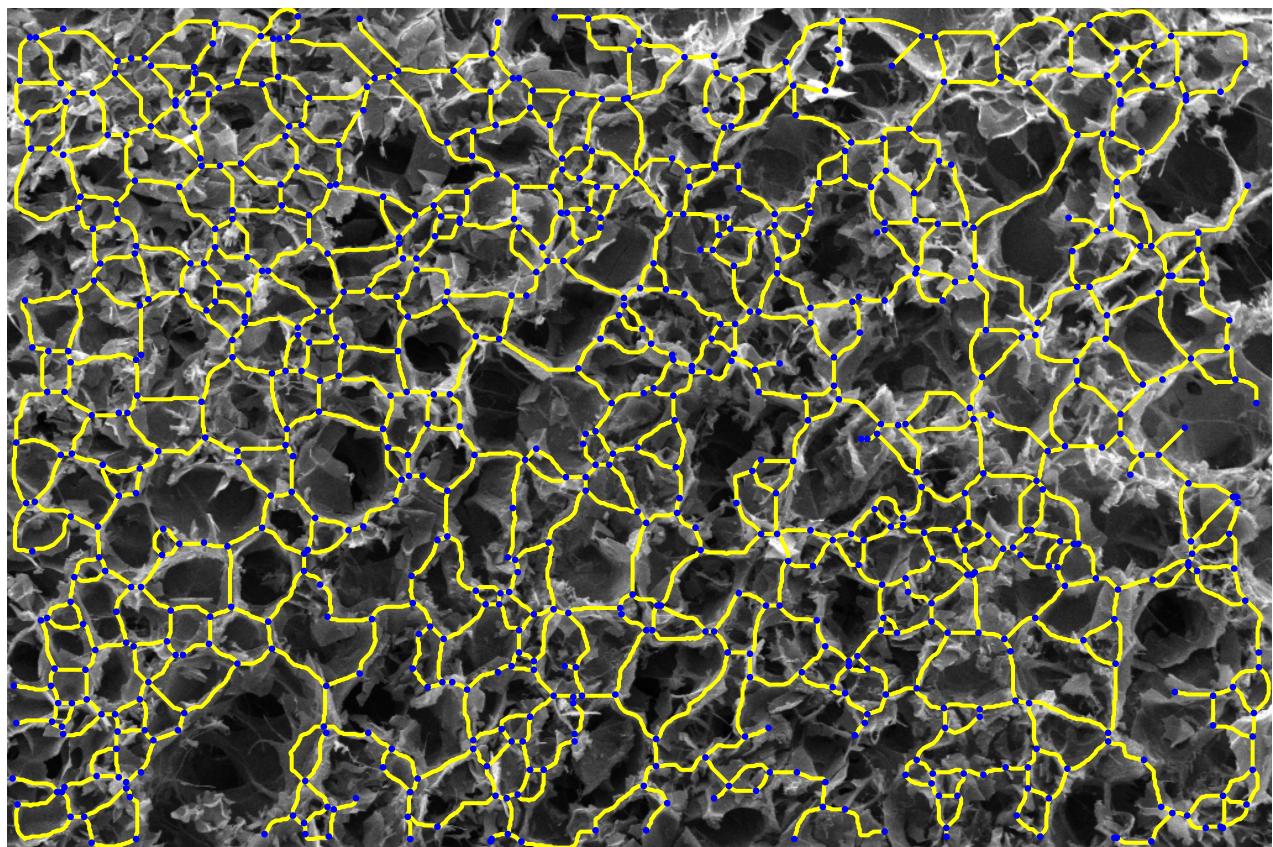
Binary Image



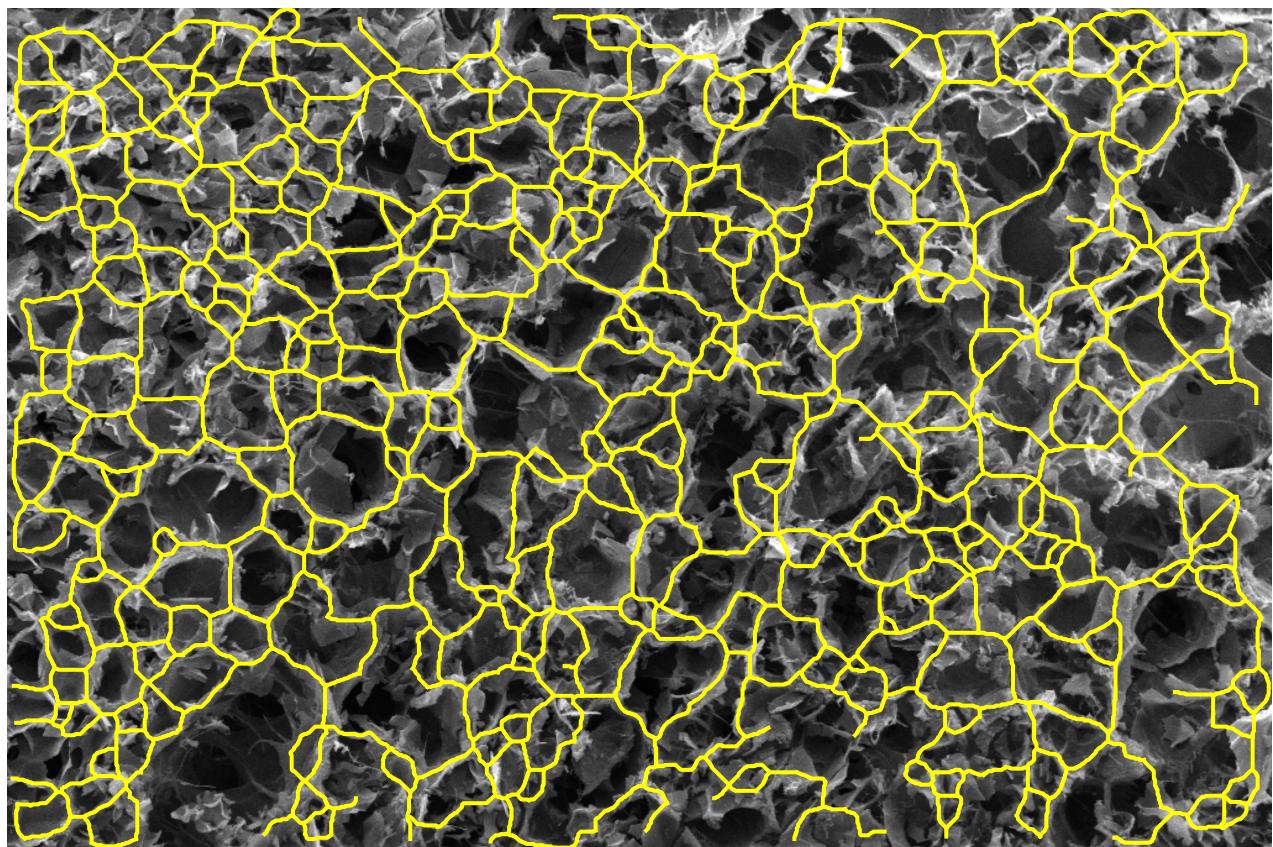
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



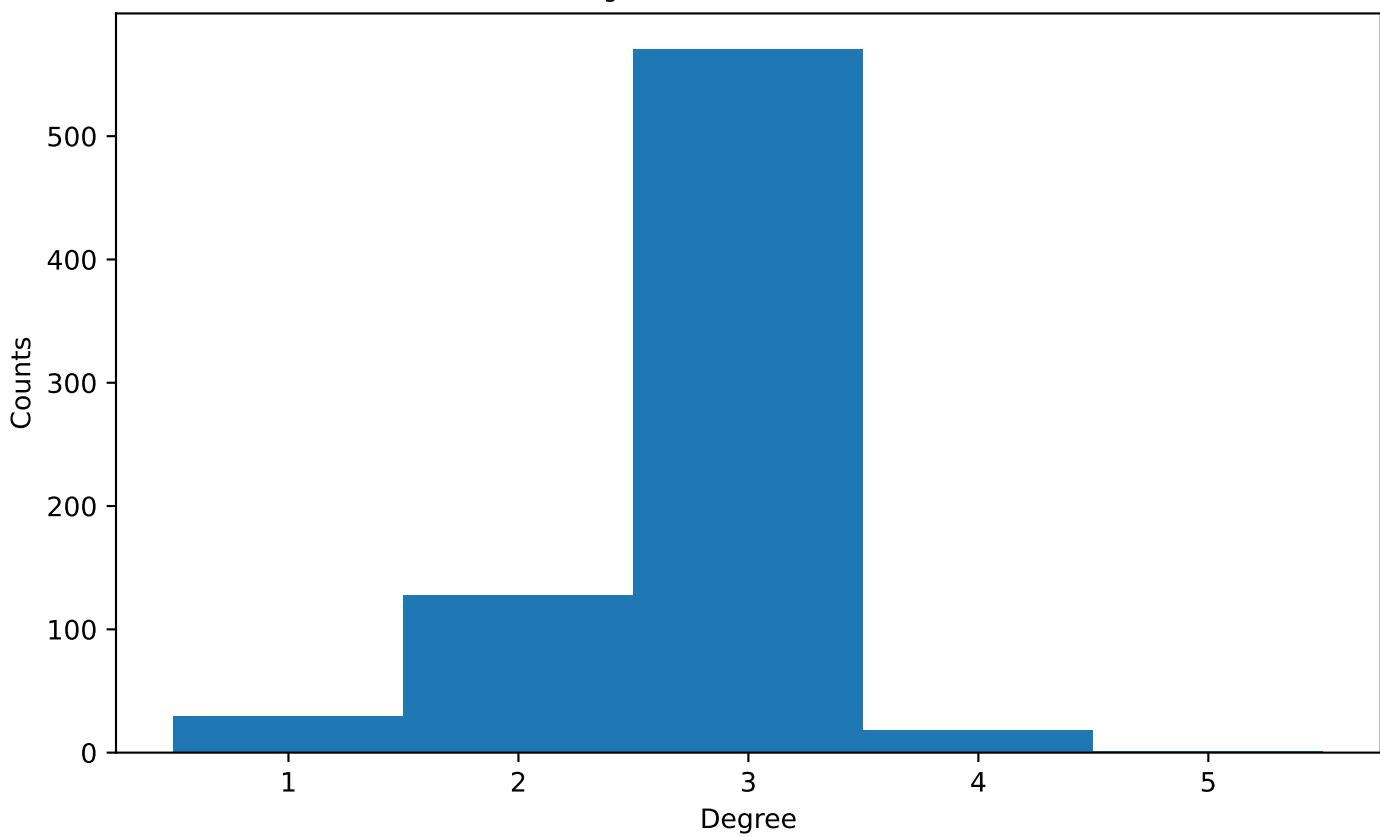
### Unweighted GT parameters

Number of nodes	748.0
Number of edges	1038.0
Average edge angle (degrees)	168.458
Median edge angle (degrees)	90.0
Average degree	2.7754
Network diameter	53.0
Graph density	0.00372

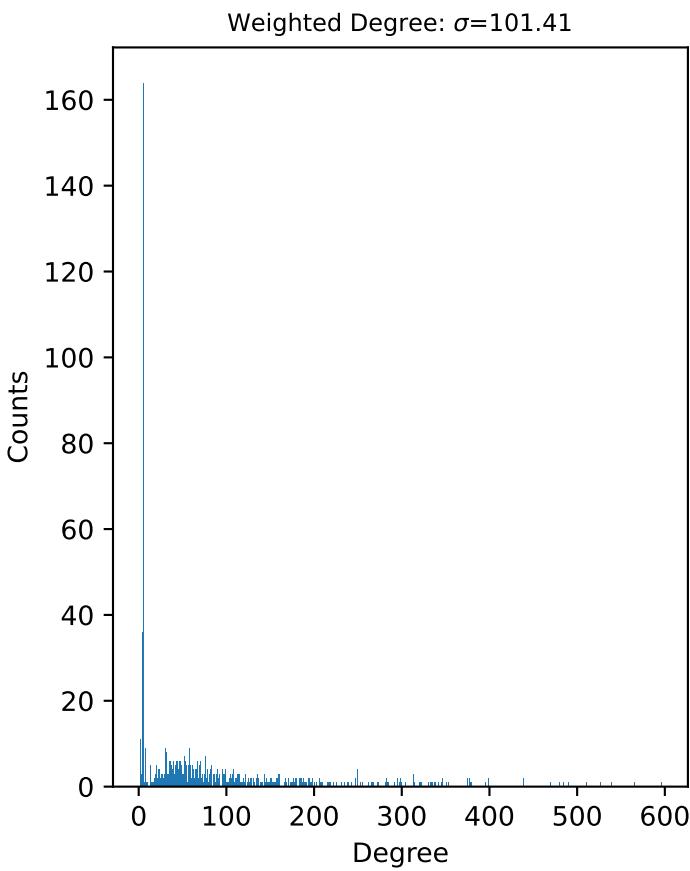
### Weighted GT parameters

Diameter-weighted average degree	84.9299
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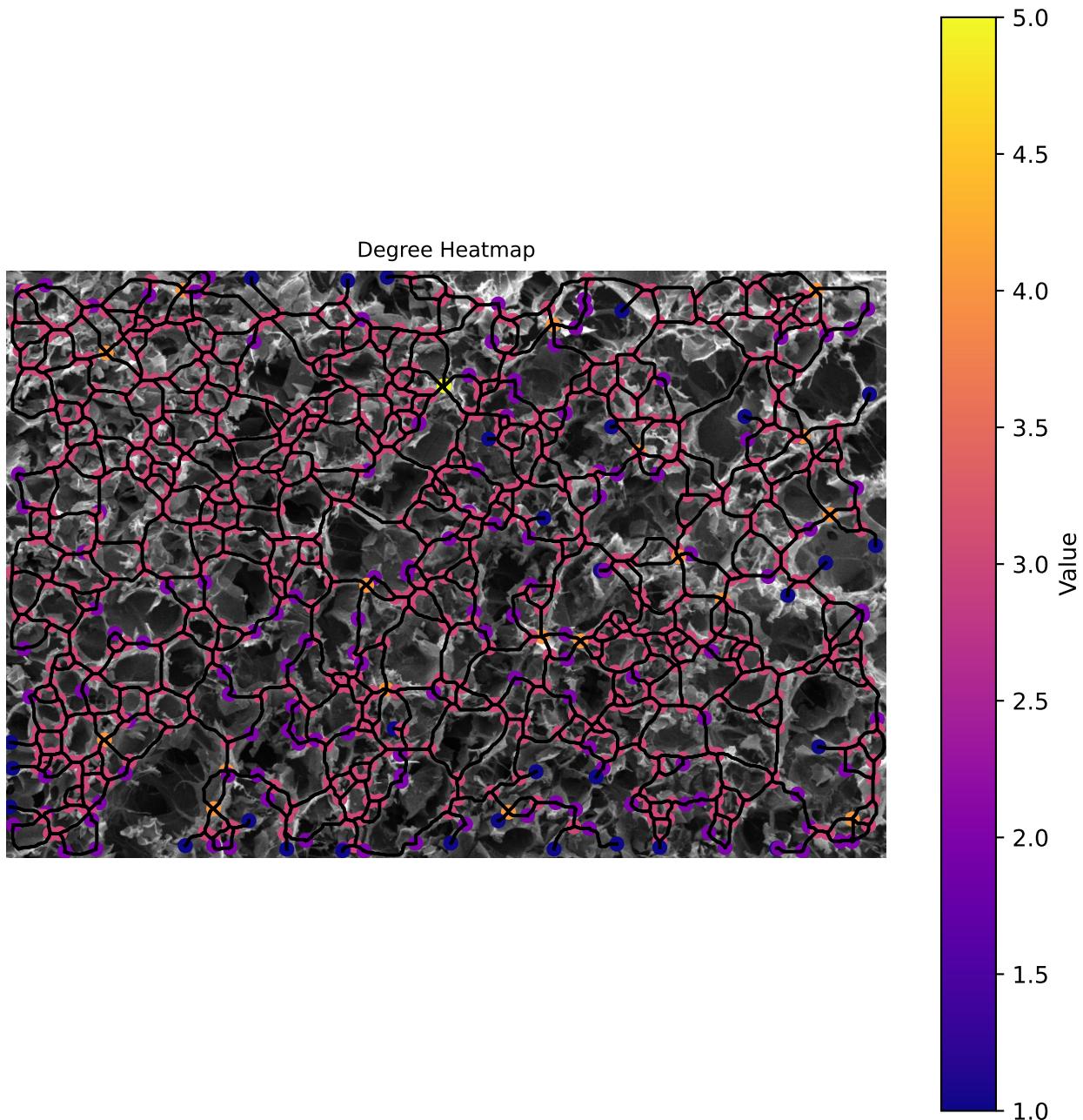
Degree Distribution:  $\sigma=0.558$



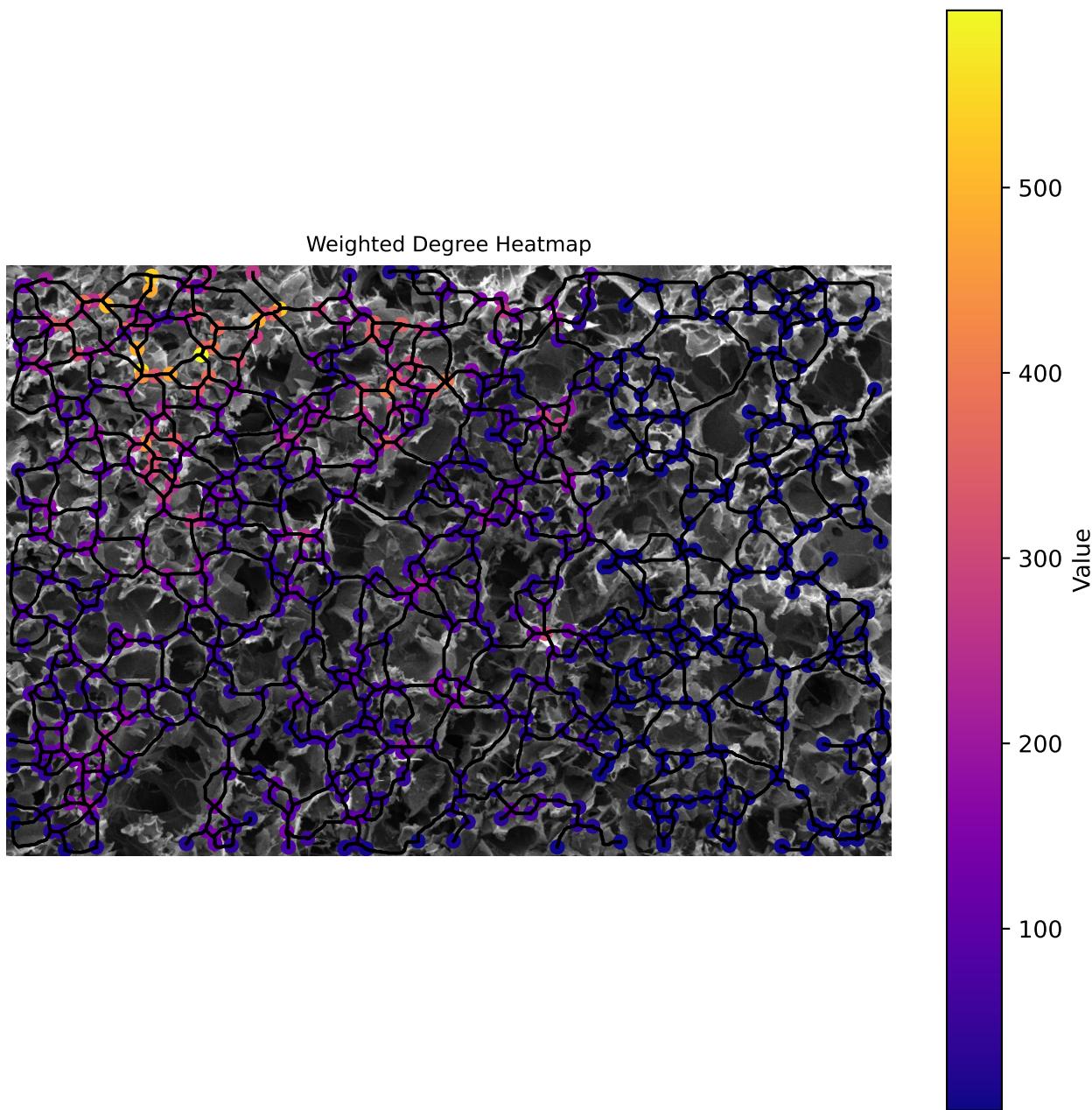




Degree Heatmap



Weighted Degree Heatmap



## Run Info

i (3).tif

2025-06-05 15:58:14

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

Global Threshold (54.0) || Gamma = 0.91  
Median Filter || Gaussian Blur, 5.0 bit kernel  
Low-pass filter, 7 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