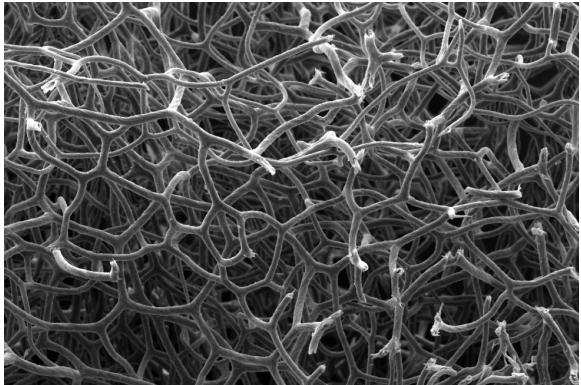
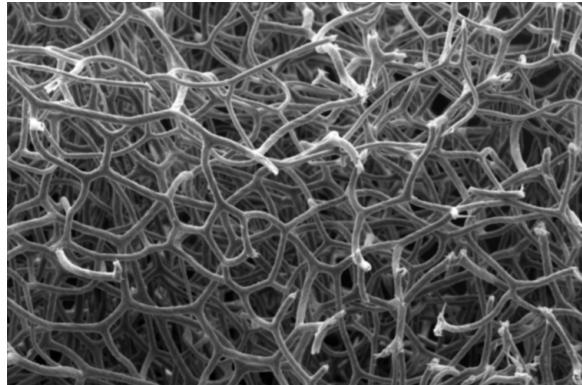


Original Image



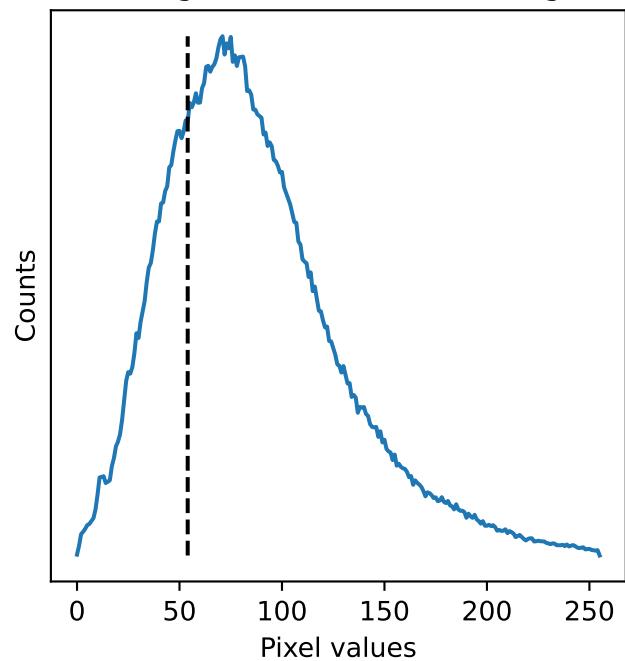
Processed Image



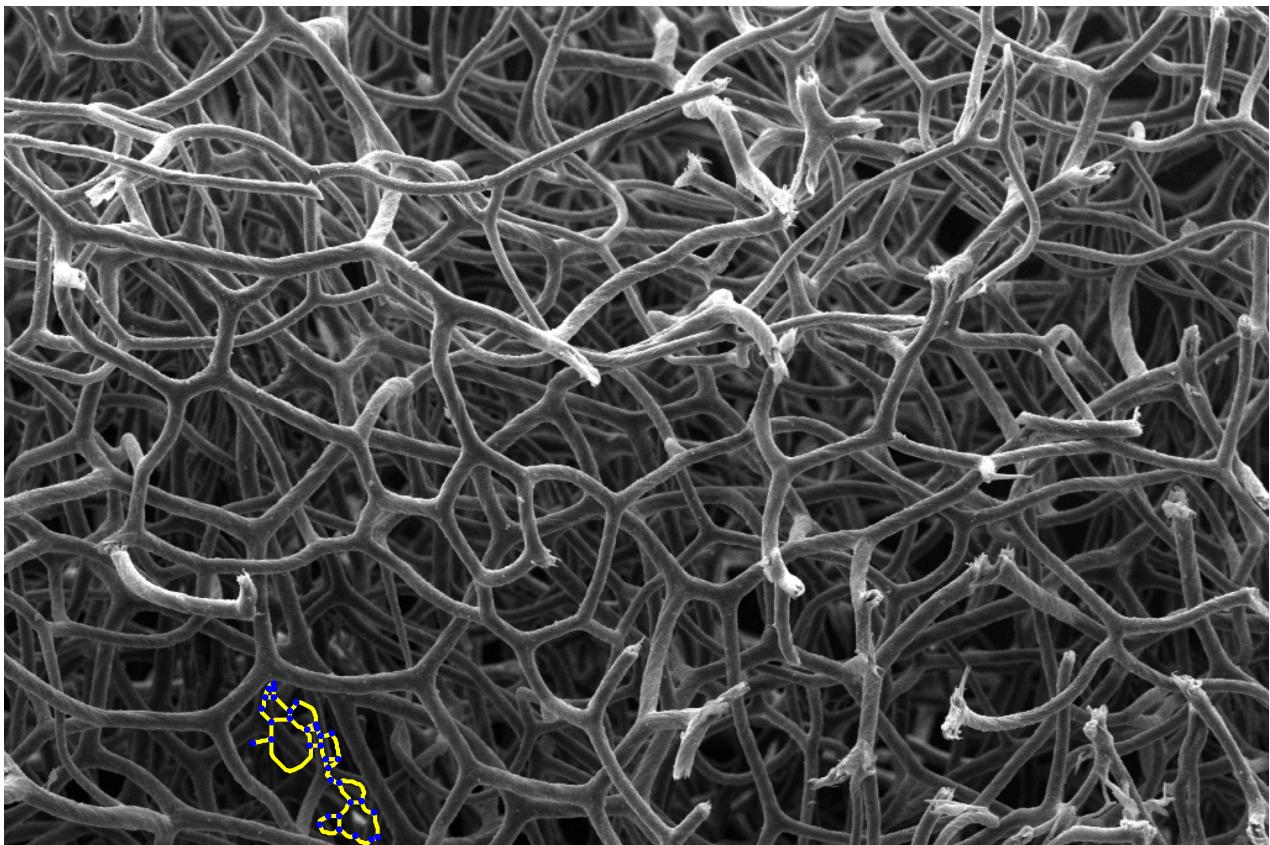
Binary Image



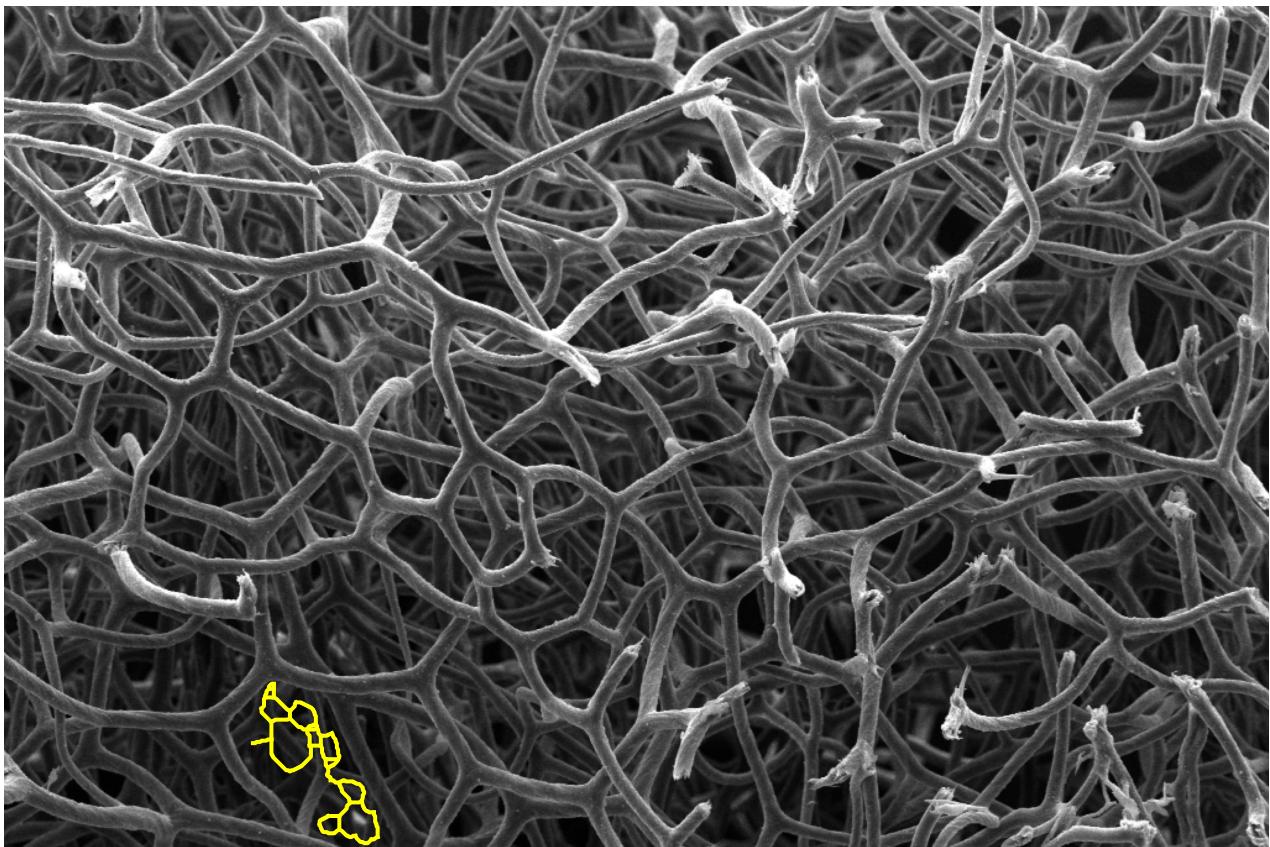
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

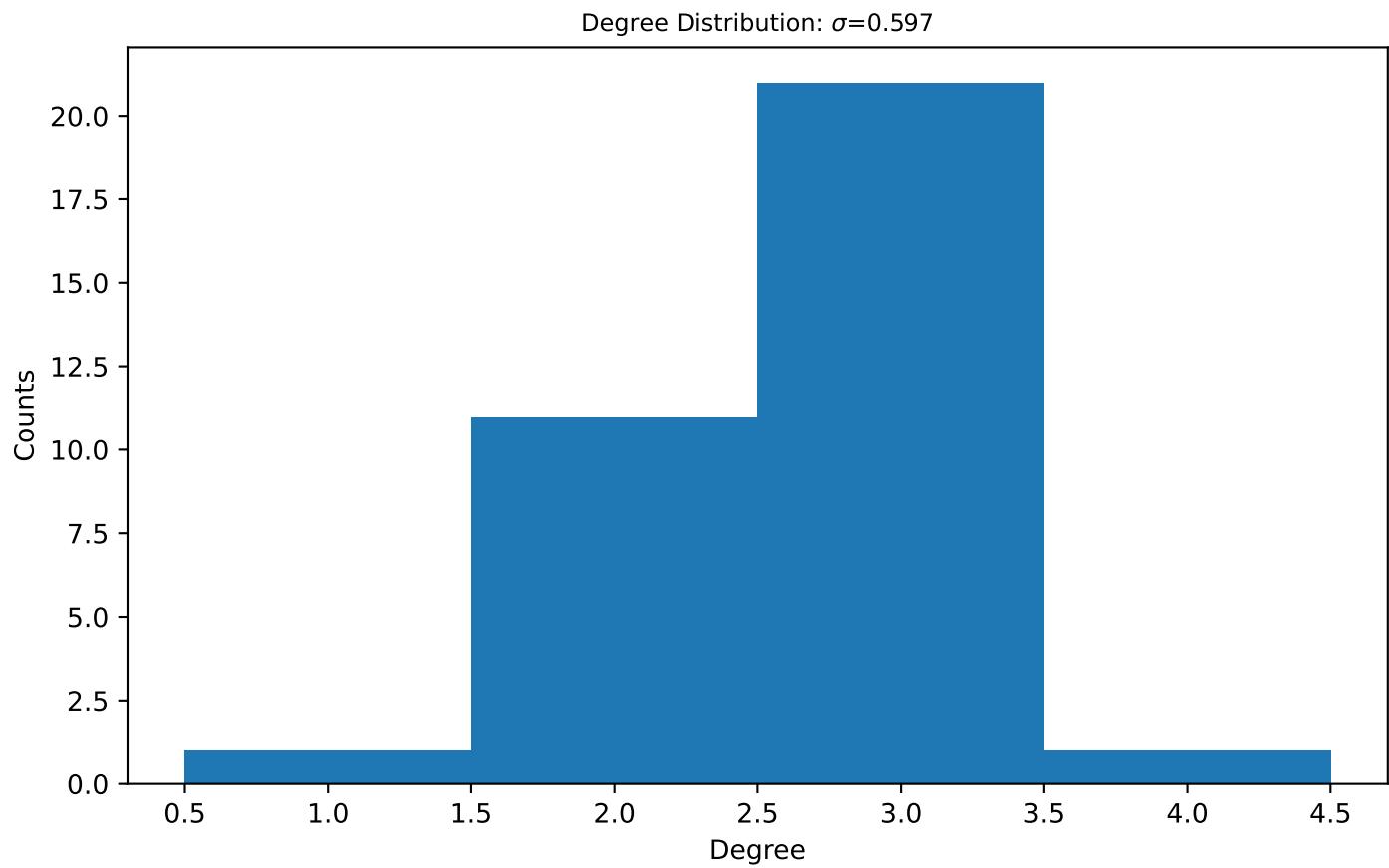


### Unweighted GT parameters

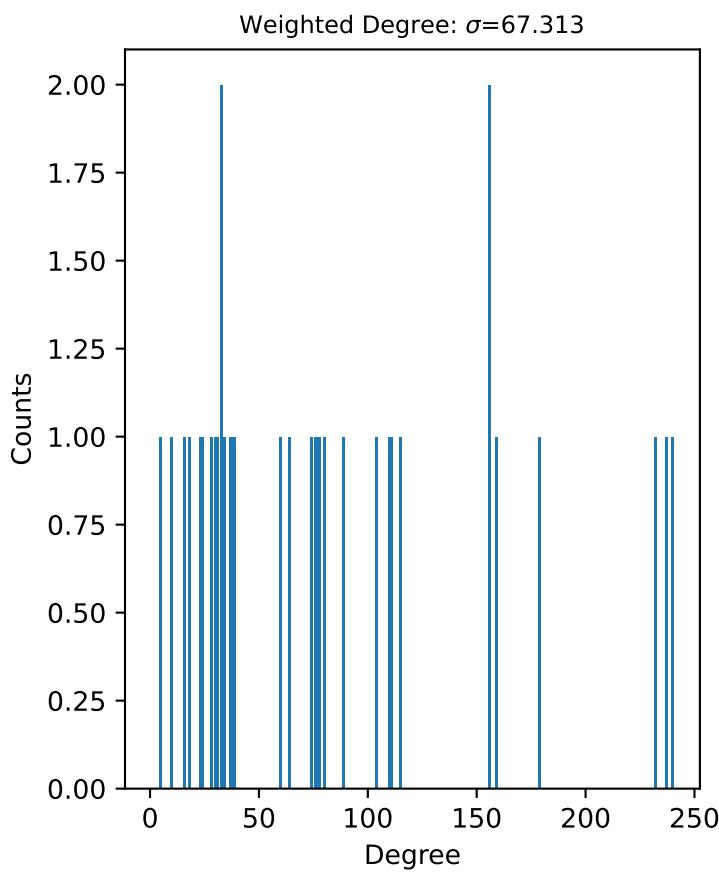
Number of nodes	34.0
Number of edges	45.0
Average edge angle (degrees)	118.597
Median edge angle (degrees)	74.055
Average degree	2.64706
Network diameter	15.0
Graph density	0.08021

### Weighted GT parameters

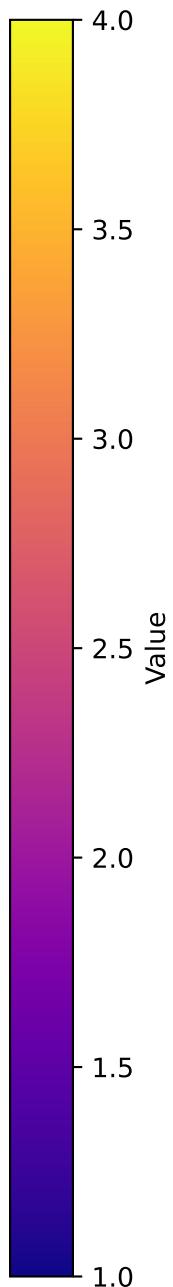
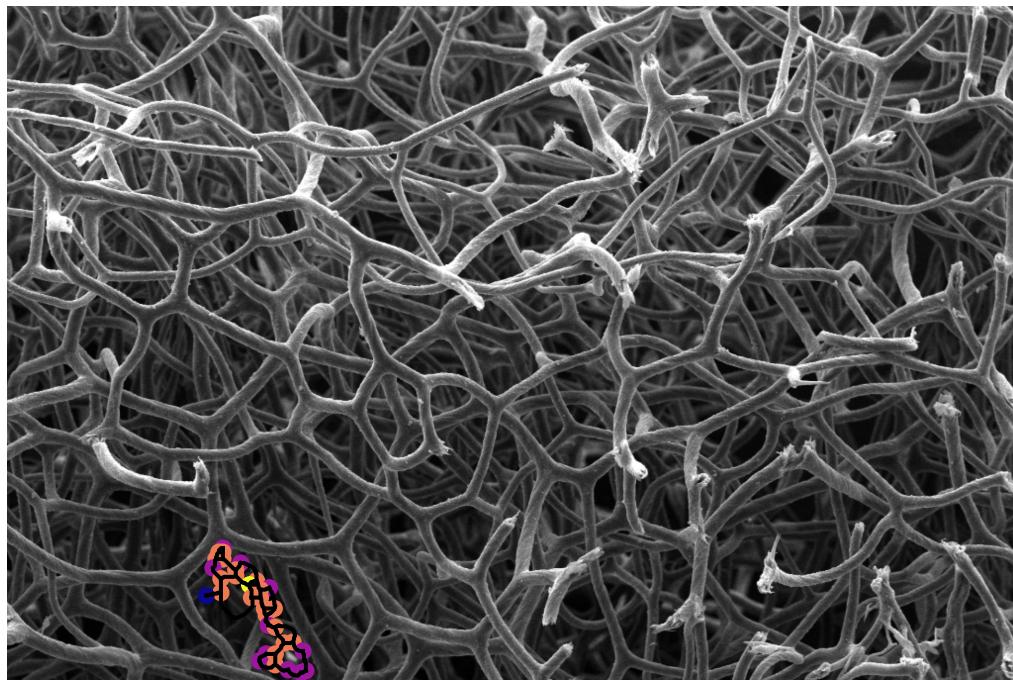
Diameter-weighted average degree	82.15629
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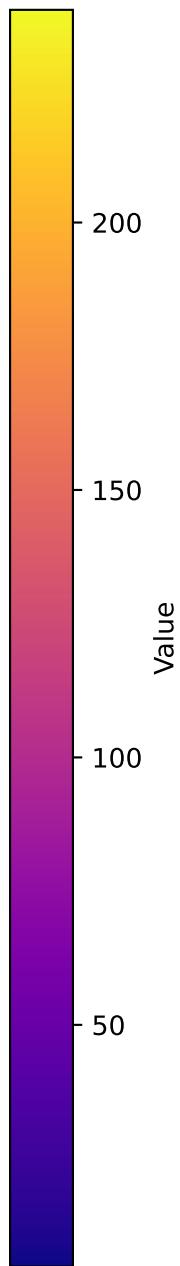
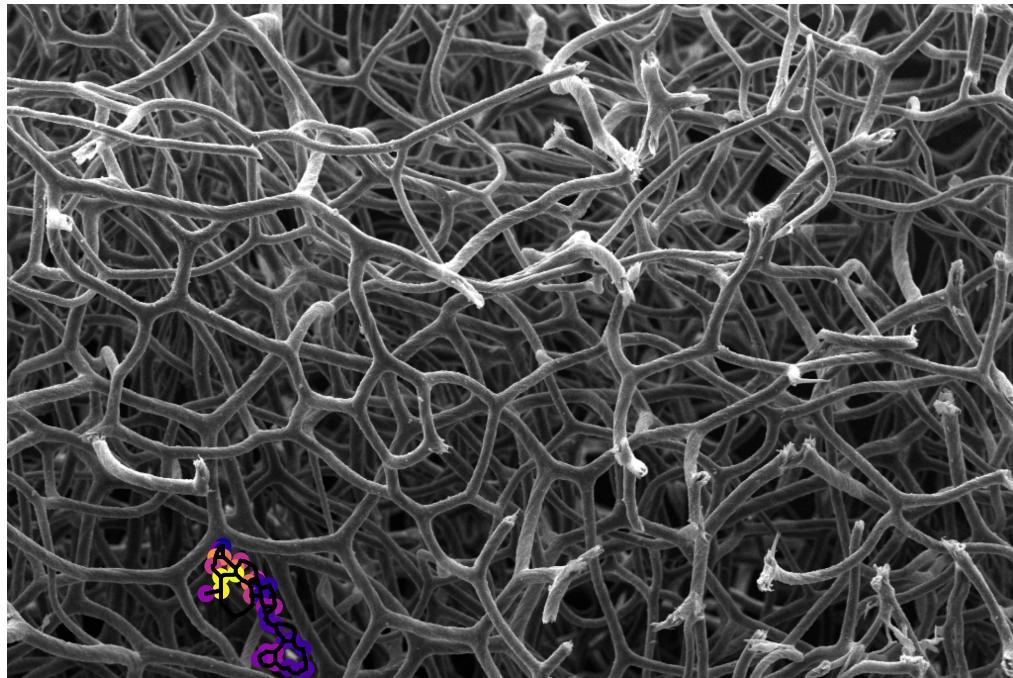




Degree Heatmap



Weighted Degree Heatmap



## Run Info

4\_002.tif  
2025-06-05 15:51:37

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\*\*\*Image Filter Configurations\*\*\*  
Global Threshold (54.0) || Gamma = 1.17  
Gaussian Blur, 3.0 bit kernel  
Dark Foreground || Low-pass filter, 4 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