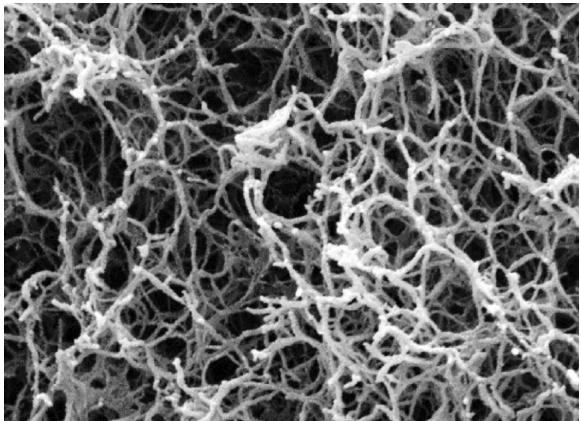
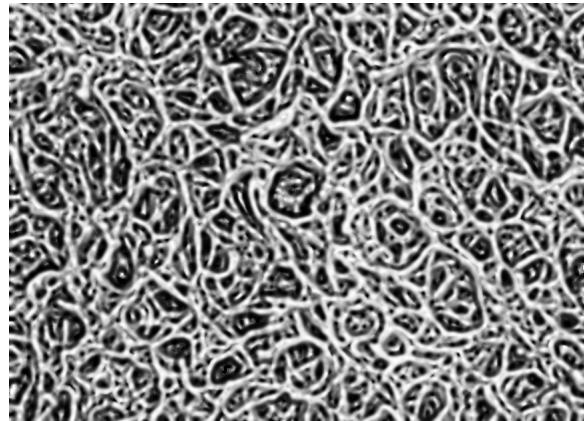


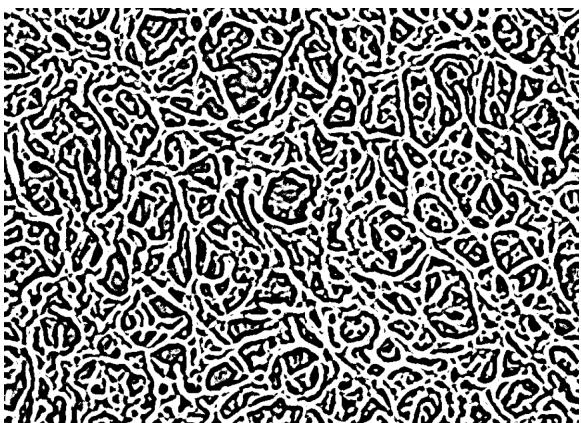
Original Image



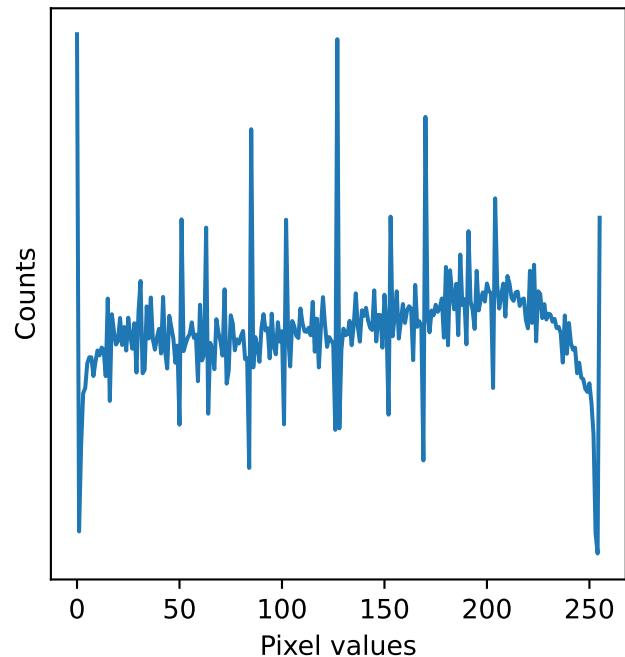
Processed Image



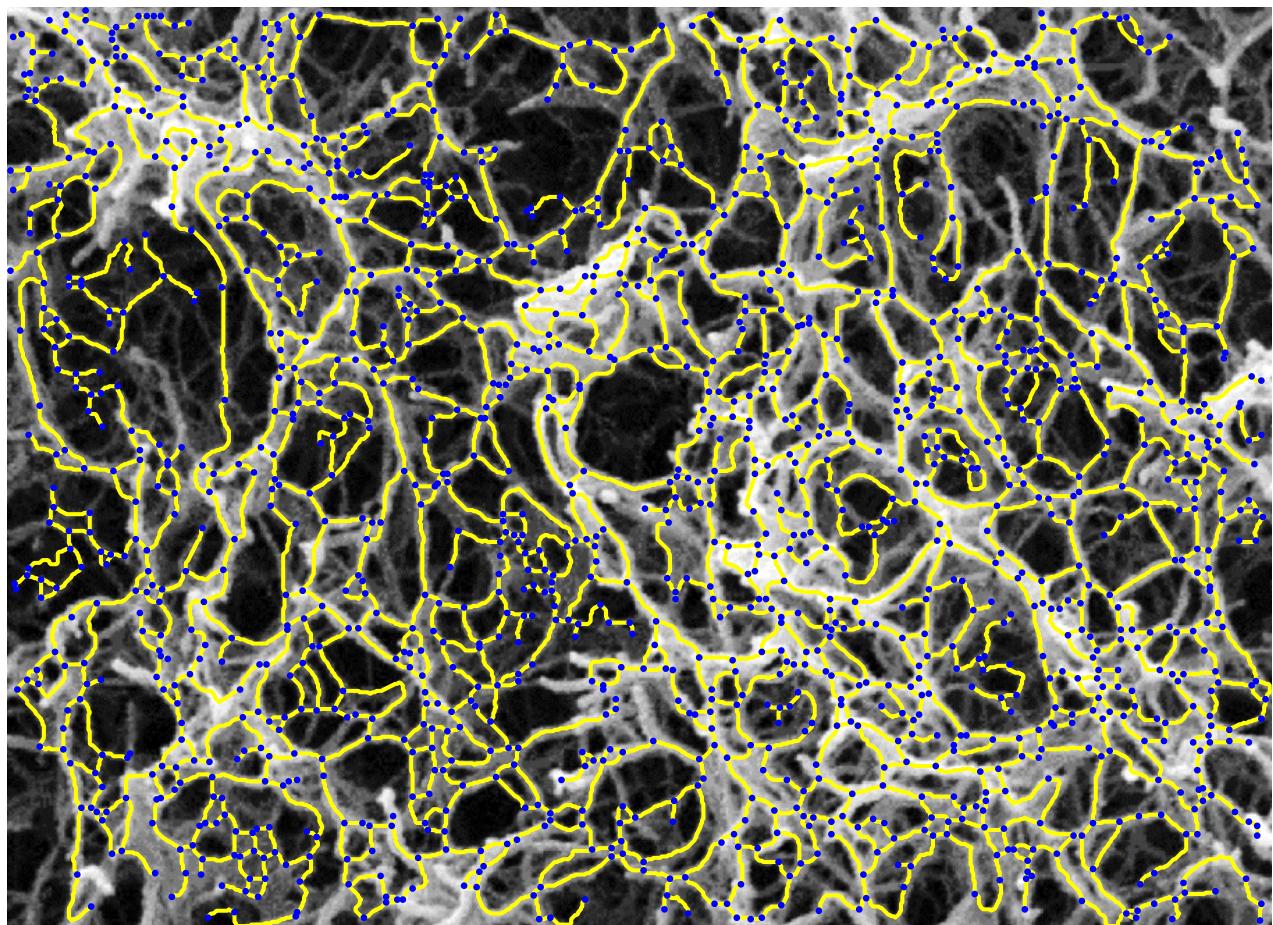
Binary Image



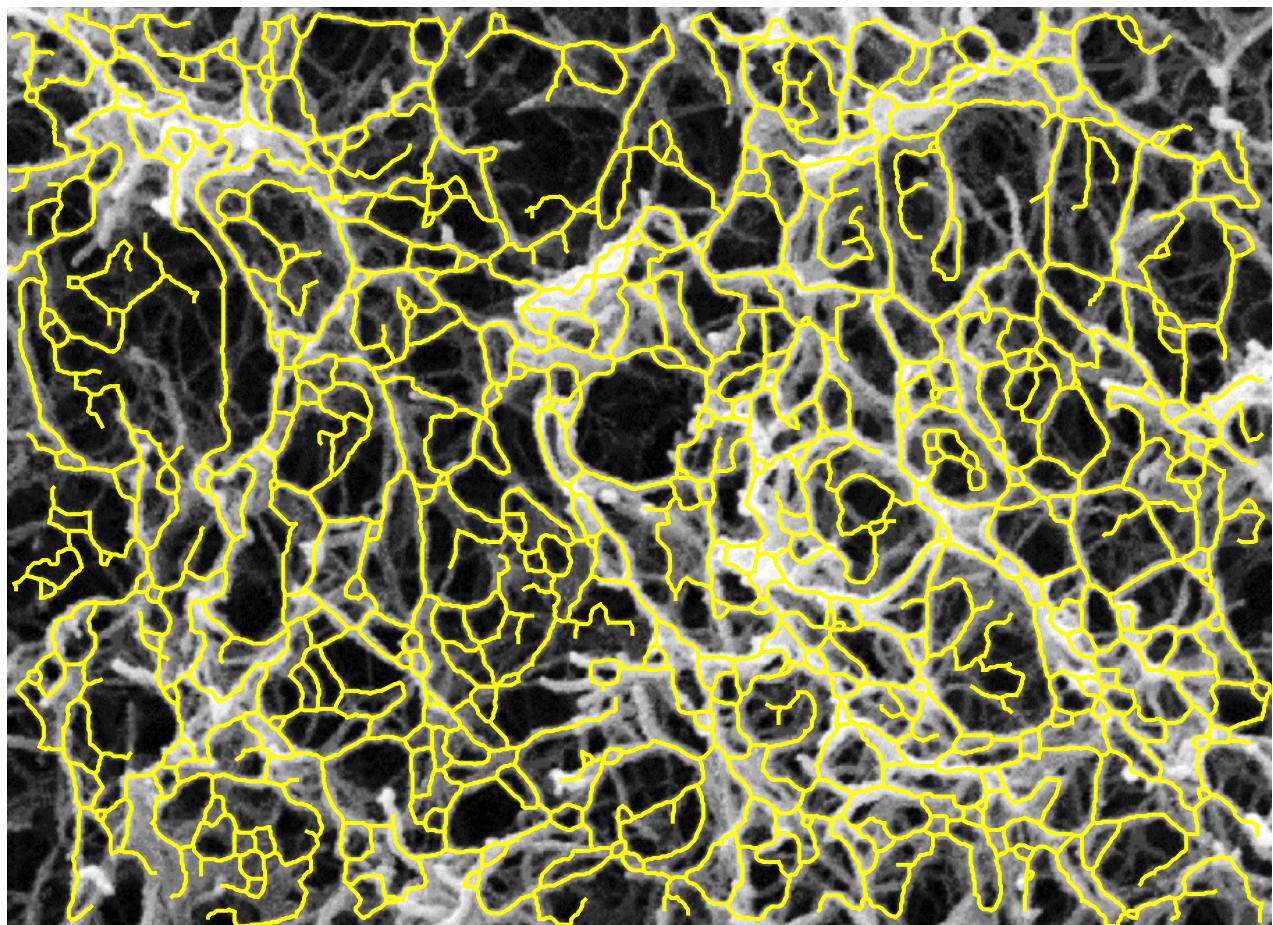
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

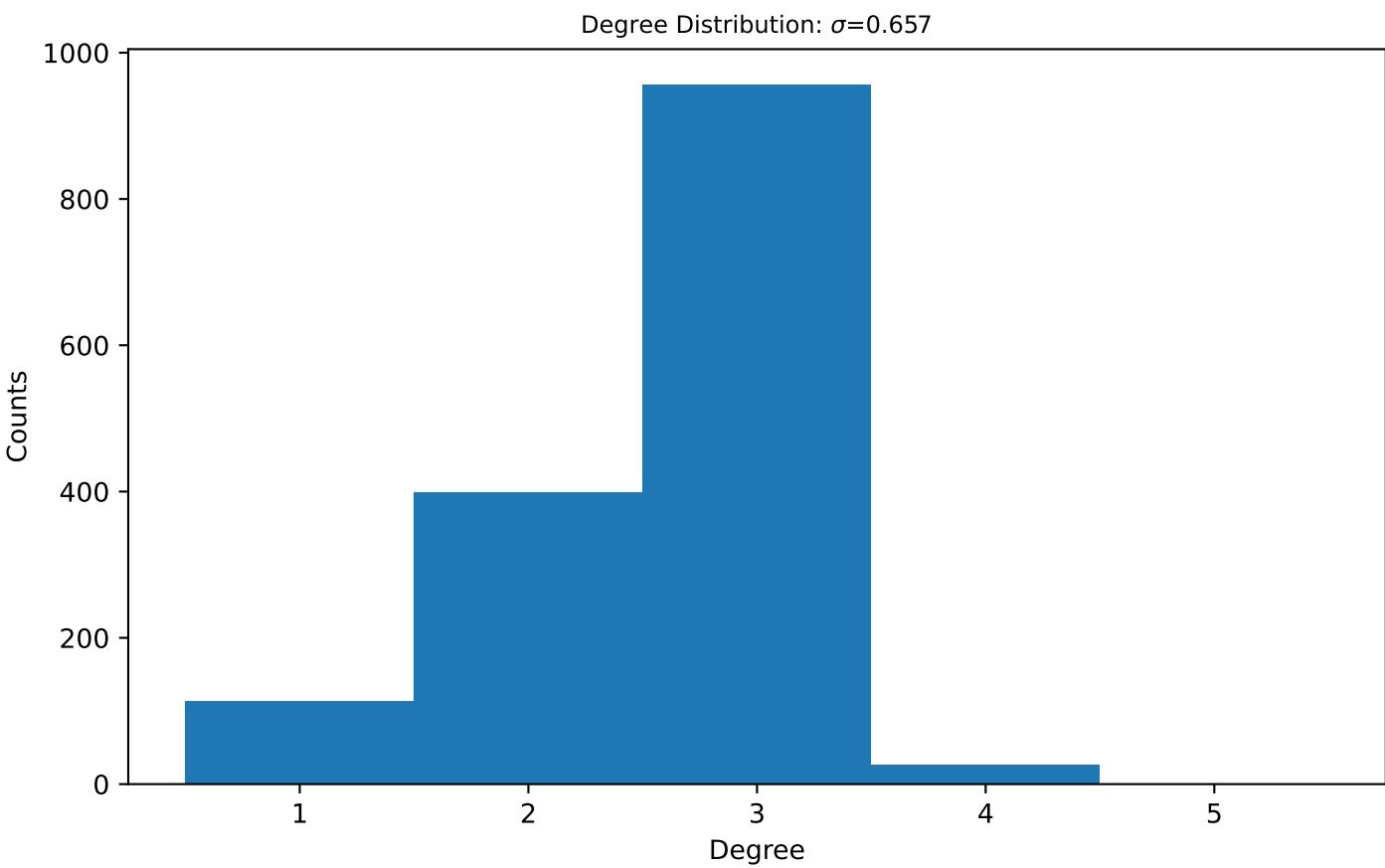


### Unweighted GT parameters

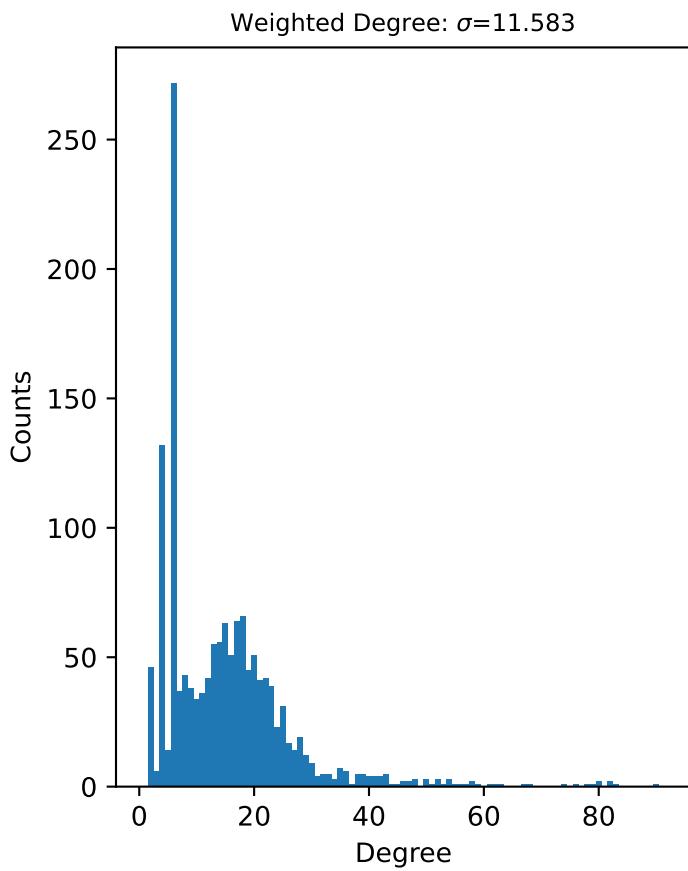
|                              |         |
|------------------------------|---------|
| Number of nodes              | 1497.0  |
| Number of edges              | 1946.0  |
| Average edge angle (degrees) | 163.018 |
| Median edge angle (degrees)  | 86.143  |
| Average degree               | 2.59987 |
| Network diameter             | 77.0    |
| Graph density                | 0.00174 |

### Weighted GT parameters

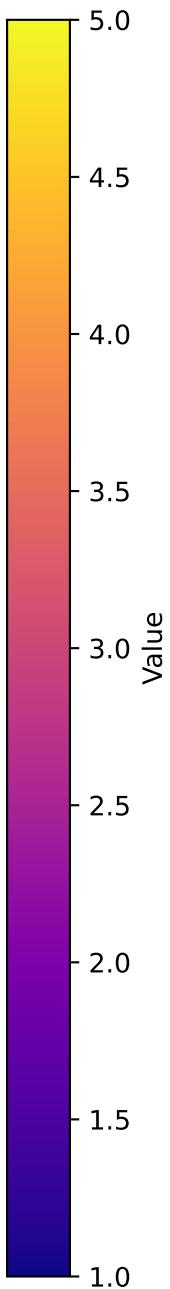
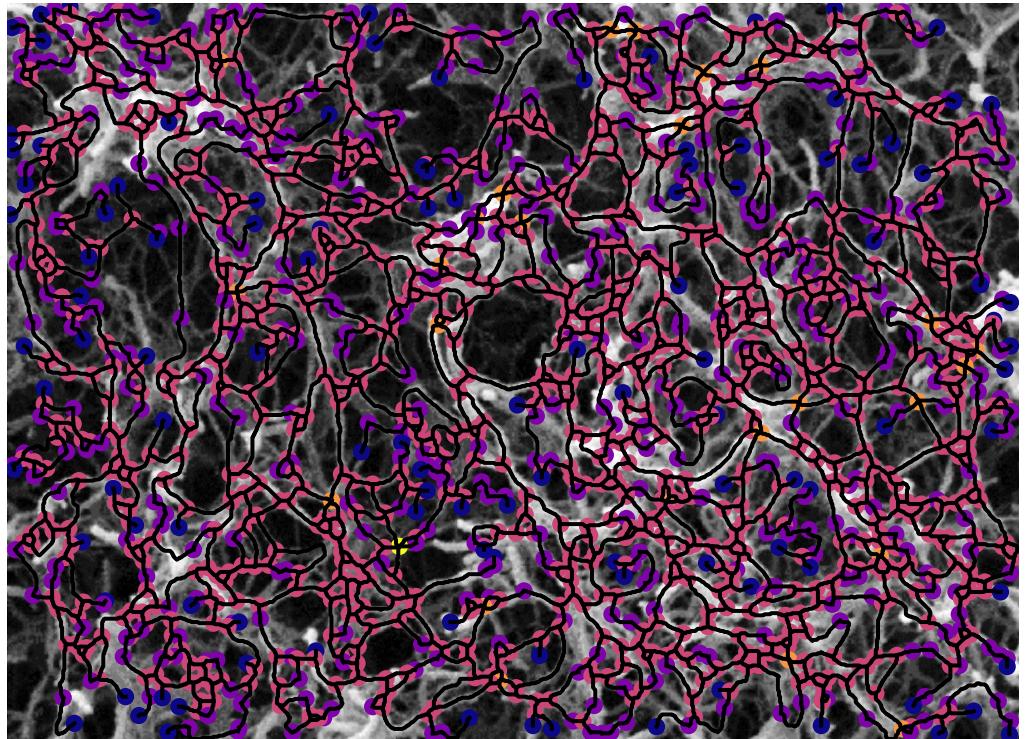
|                                  |          |
|----------------------------------|----------|
| Diameter-weighted average degree | 15.00239 |
|----------------------------------|----------|



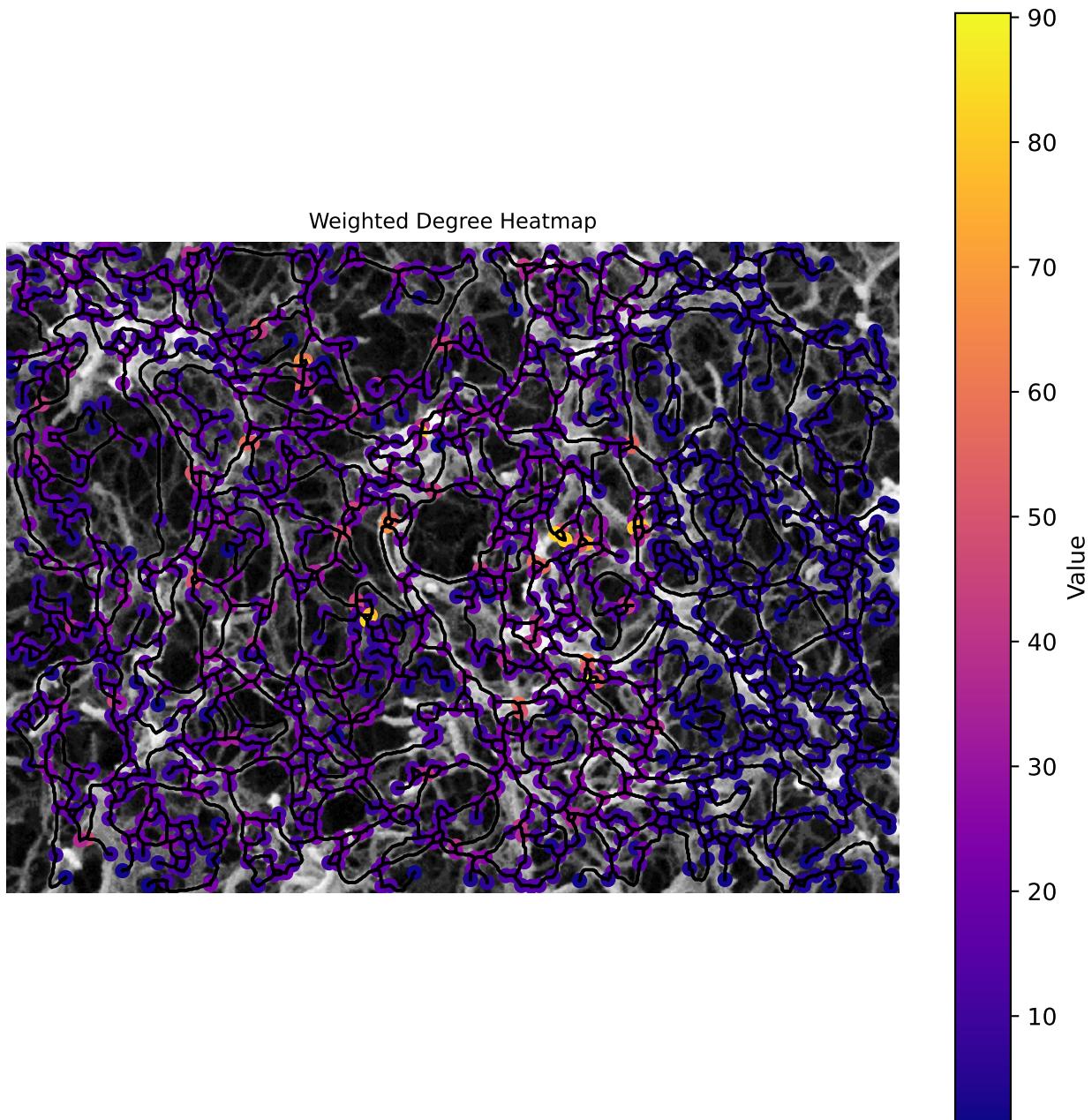




Degree Heatmap



Weighted Degree Heatmap



## Run Info

ANF copy.jpeg  
2025-05-20 19:21:27

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

Adaptive Threshold, 21 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 909 px || Scale Factor = 1.0

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

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