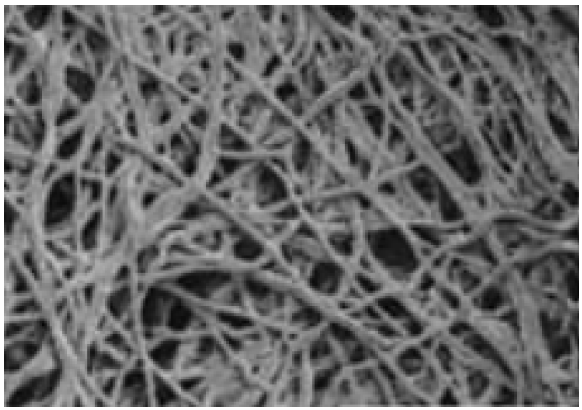
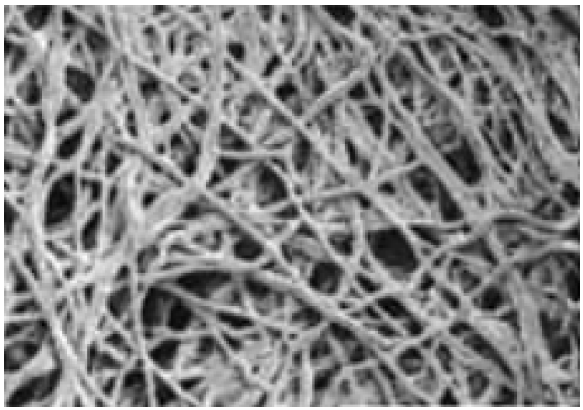
Original Image

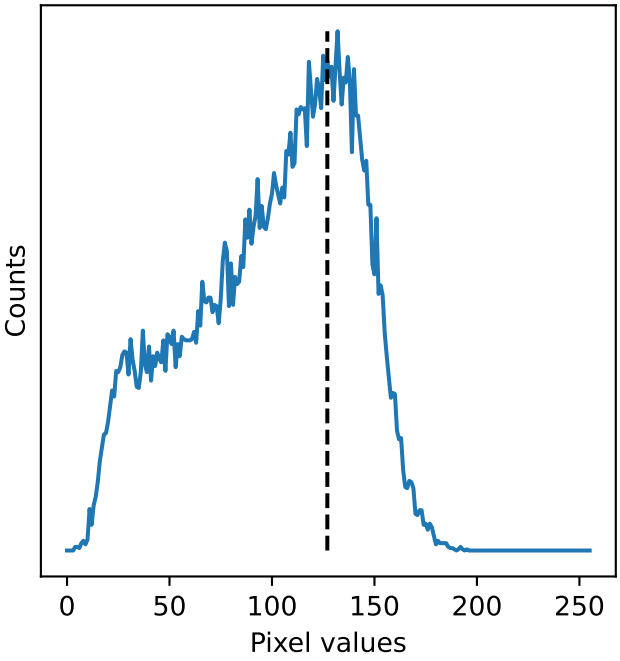


Processed Image



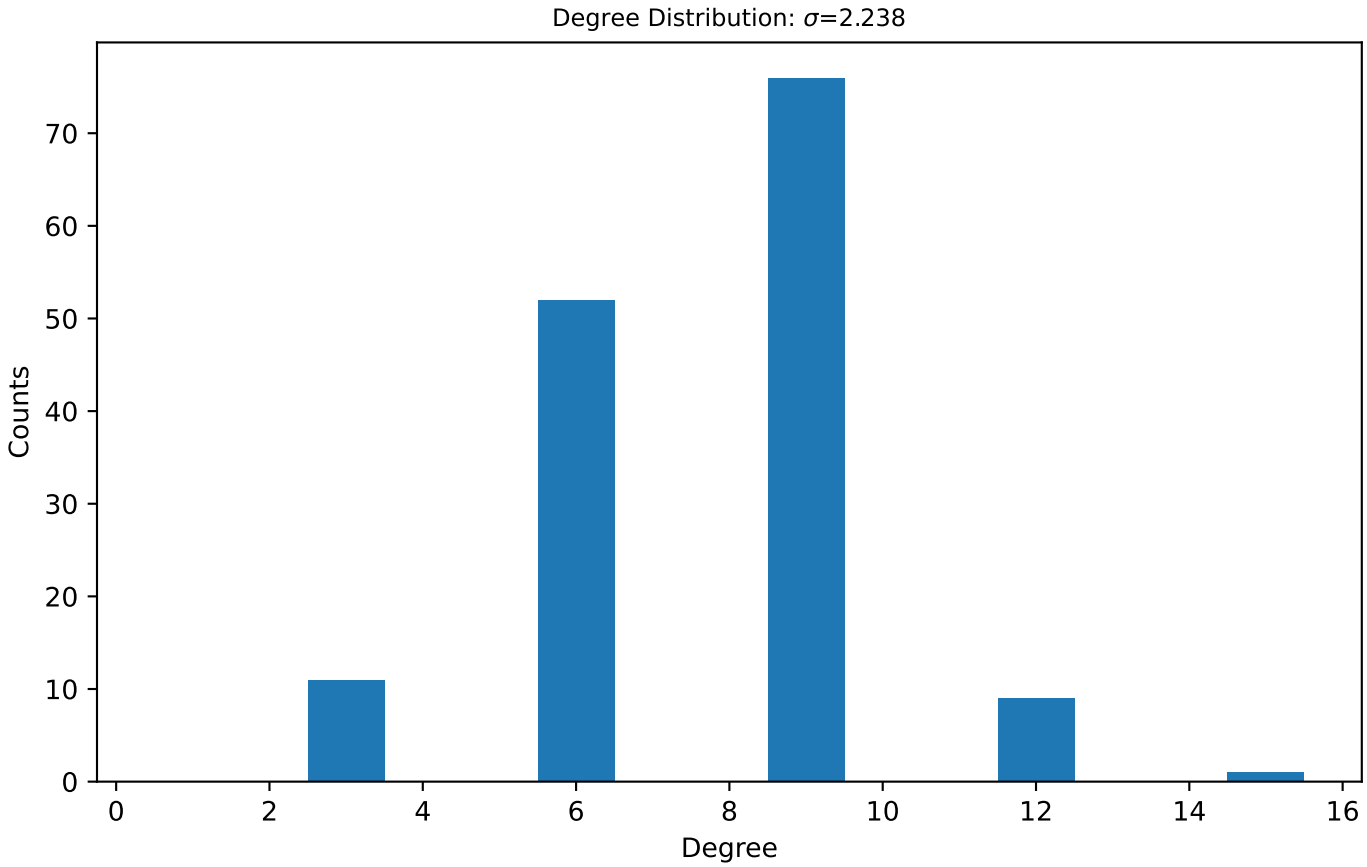
Binary Image

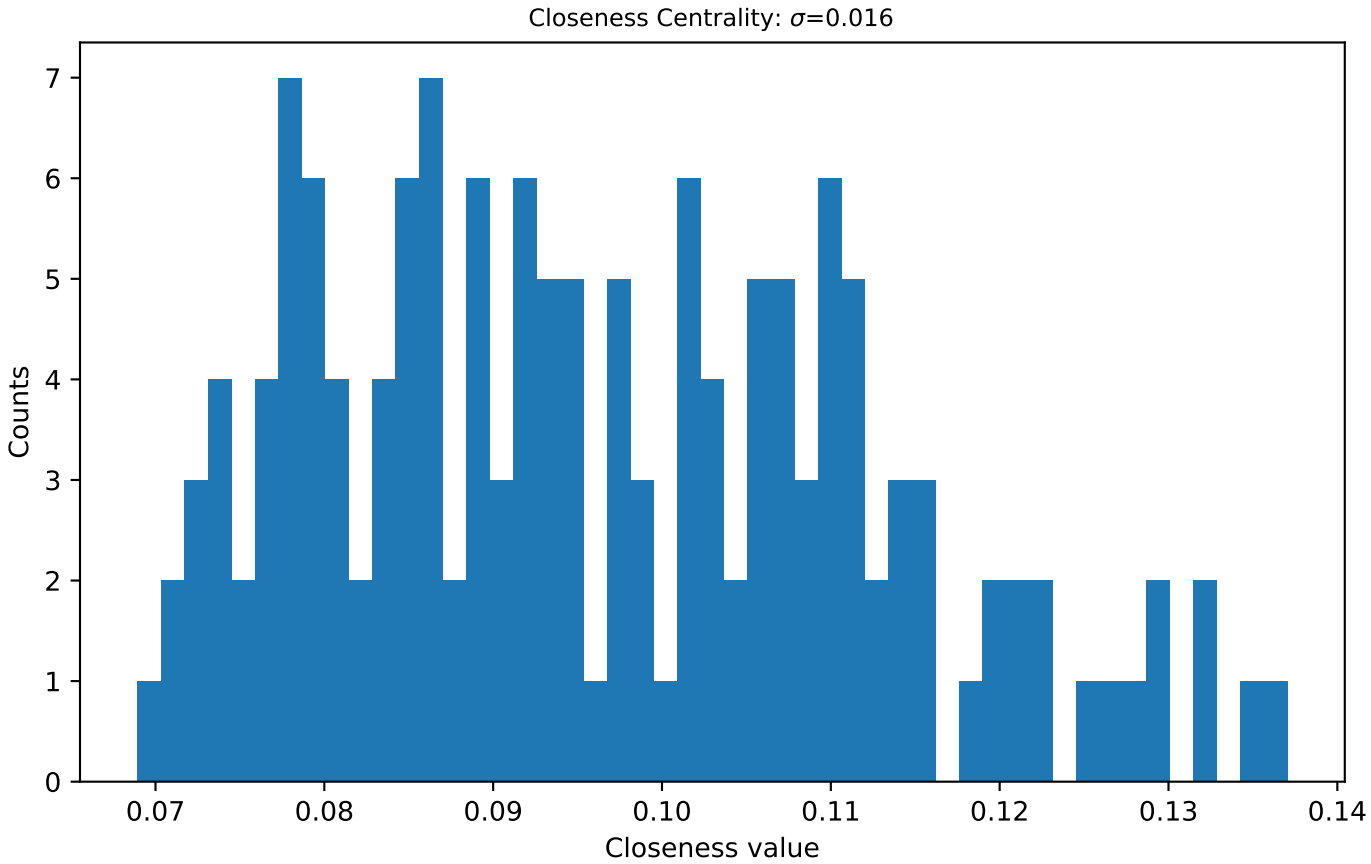
Histogram of Processed Image

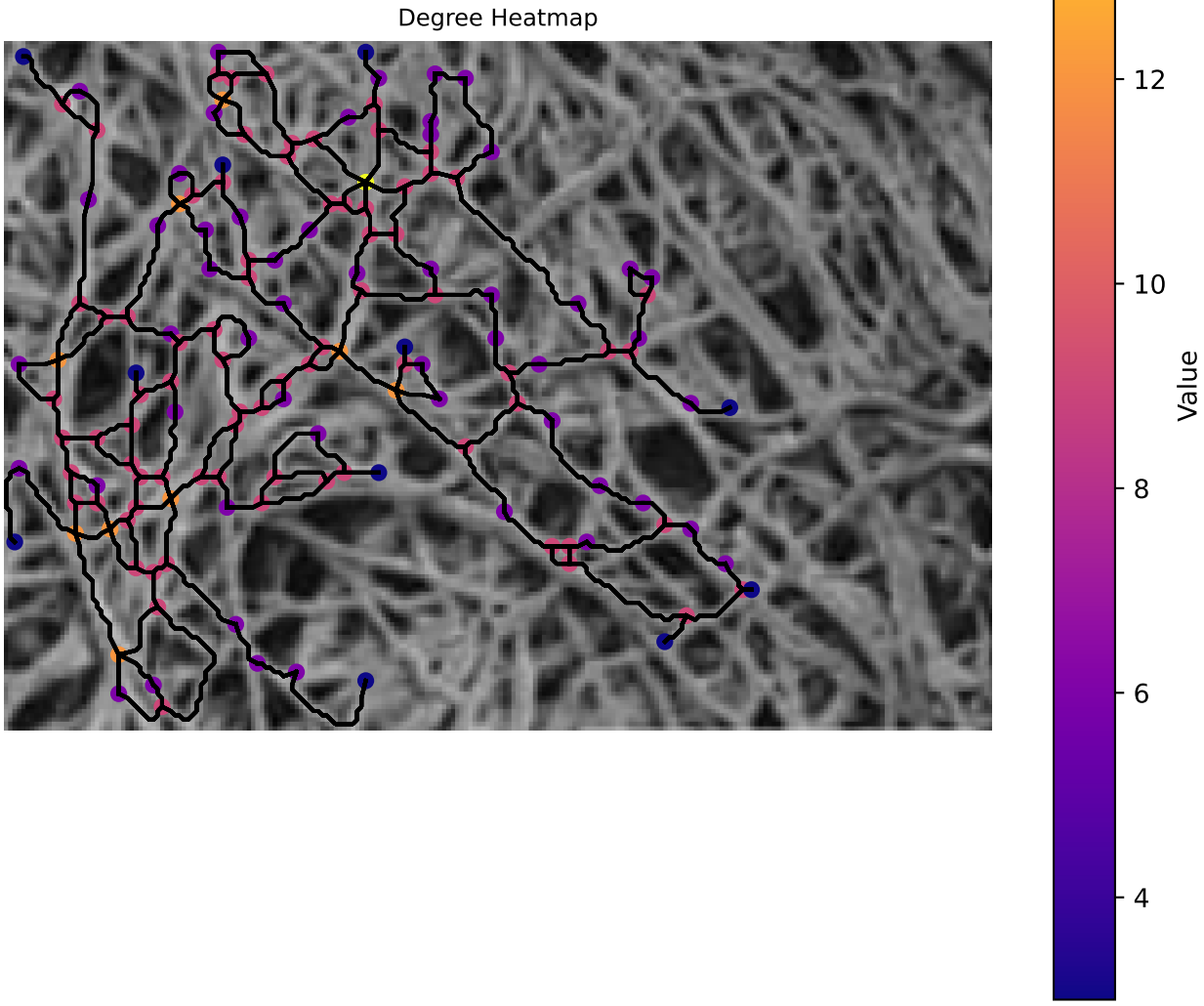


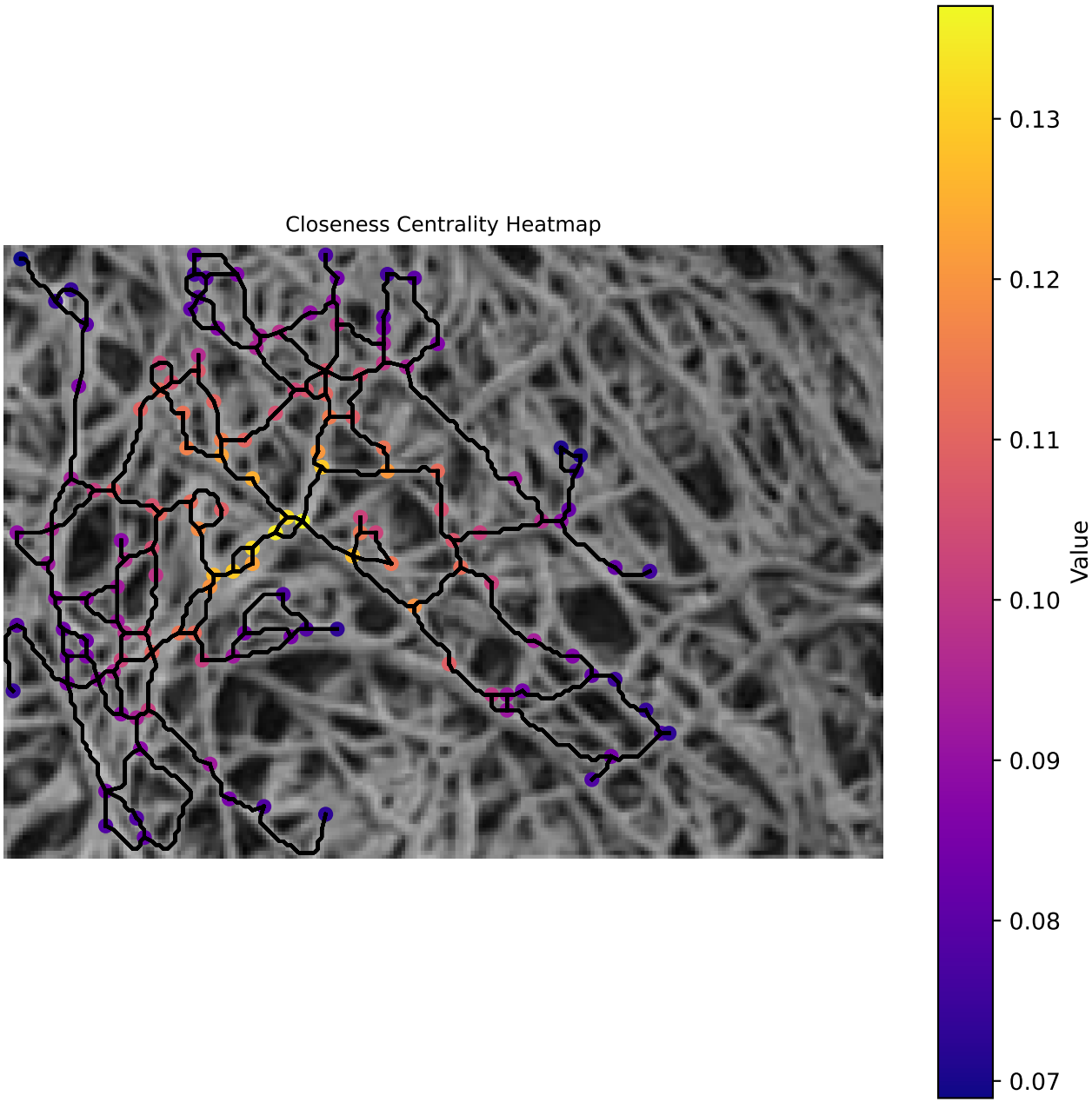
Unweighted GT parameters

Number of nodes	149.0
Number of edges	576.0
Average edge angle (degrees)	144.24
Median edge angle (degrees)	77.471
Average degree	7.73154
Network diameter	24.0
Average node connectivity	1.60781
Graph density	0.05224
Global efficiency	0.13987
Wiener Index	117529.0
Assortativity coefficient	0.08185
Average closeness centrality	0.09637


Degree Distribution: σ=2.238
Counts
Degree
0
10
20
30
40
50
60
70
0
2
4
6
8
10
12
14
16


Closeness Centrality: σ=0.016
Counts
Closeness value
0
1
2
3
4
5
6
7
0.07
0.08
0.09
0.10
0.11
0.12
0.13
0.14


Degree Heatmap
14
12
10
8
6
4
Value


Closeness Centrality Heatmap
0.13
0.12
0.11
0.10
0.09
0.08
0.07
Value

Run Info

InVitroBioFilm.png
2025-03-27 19:21:43

Image Filter Configurations
Global Threshold (127) || Gamma = 1.0

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

Image Scale
Size = 159 x 228 px || Scale Factor = 0.25

Graph Extraction Configurations
Merge Nodes || Prune Dangling Edges
Remove Objects of Size = 500 || Remove Self Loops || Multi-graph allowed