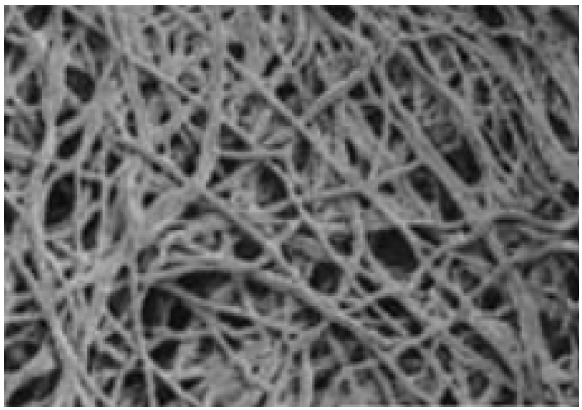
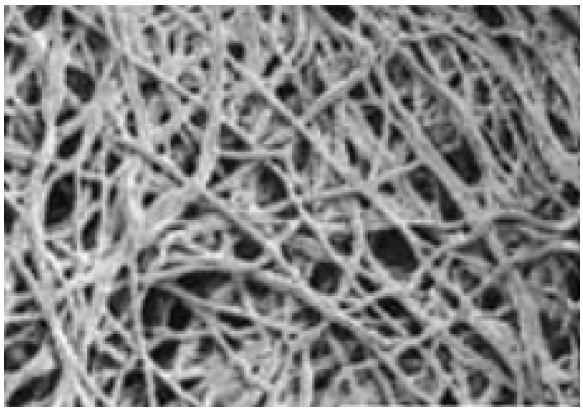
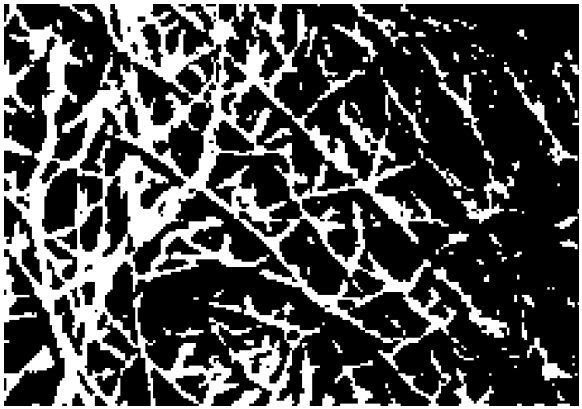
Original Image



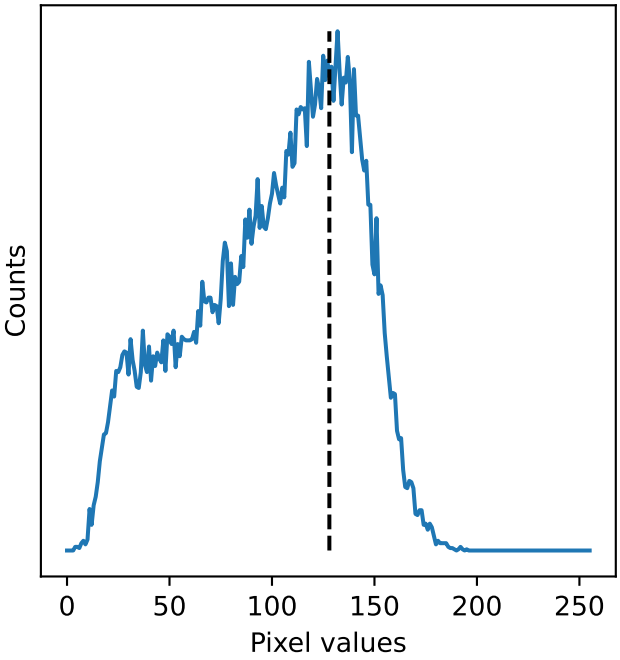
Processed Image



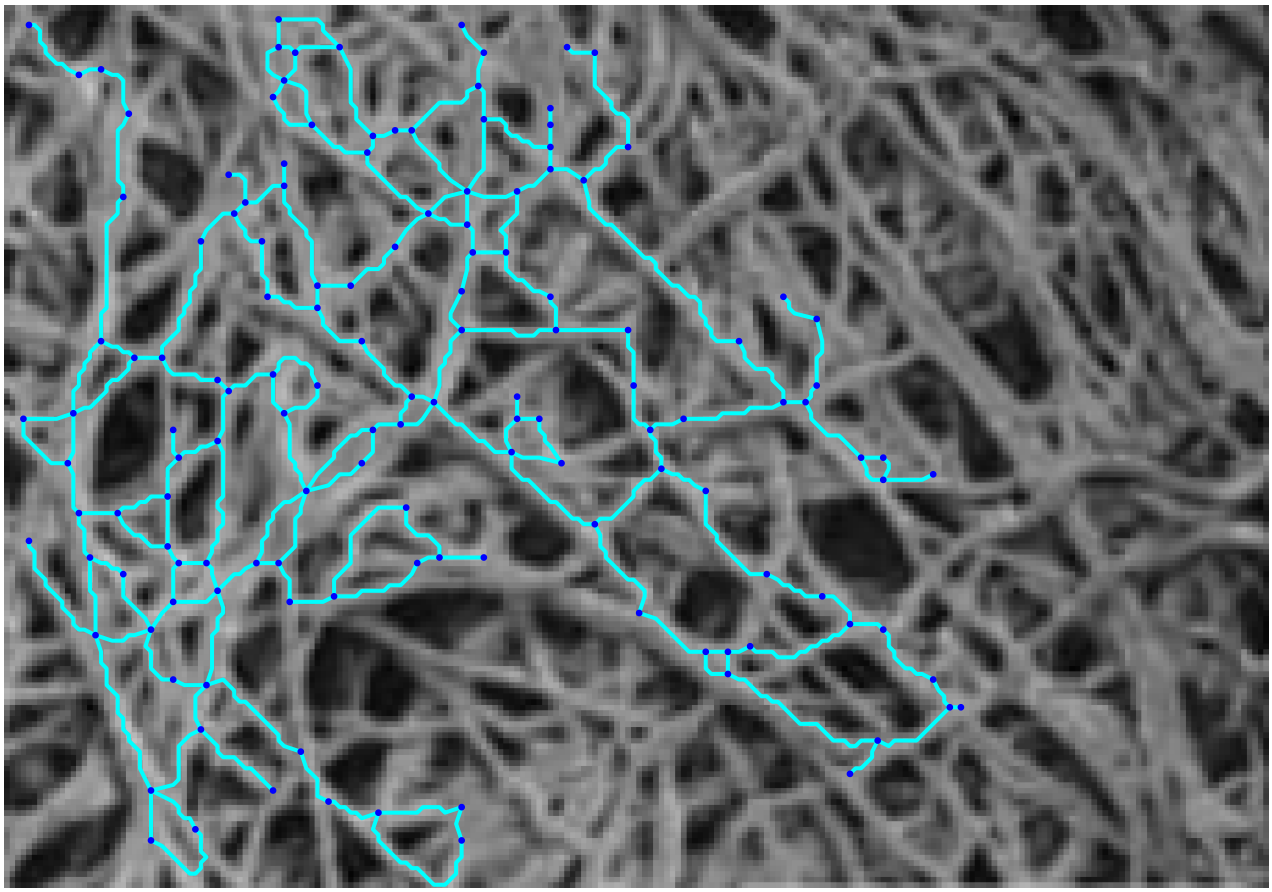
Binary Image



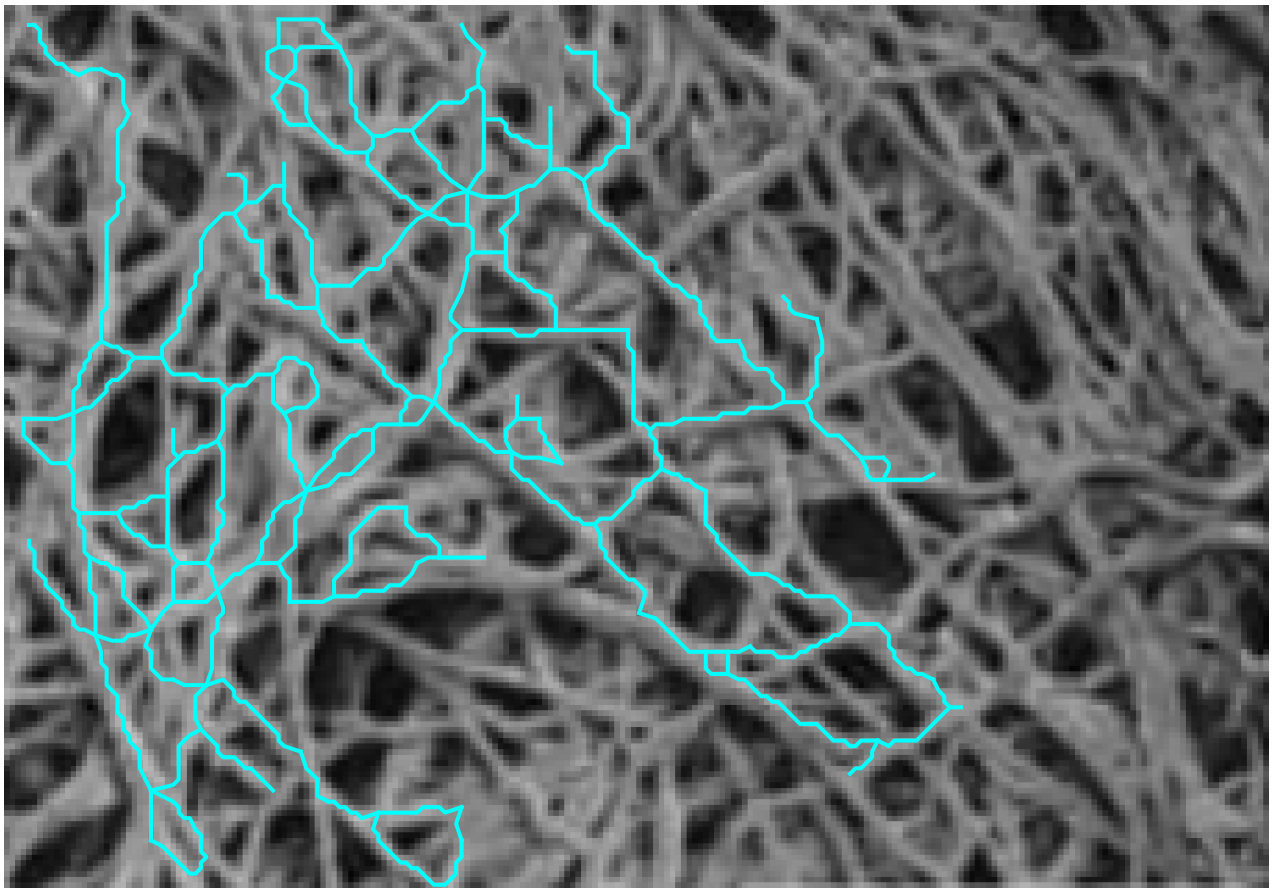
Histogram of Processed Image



Graph Node Plot

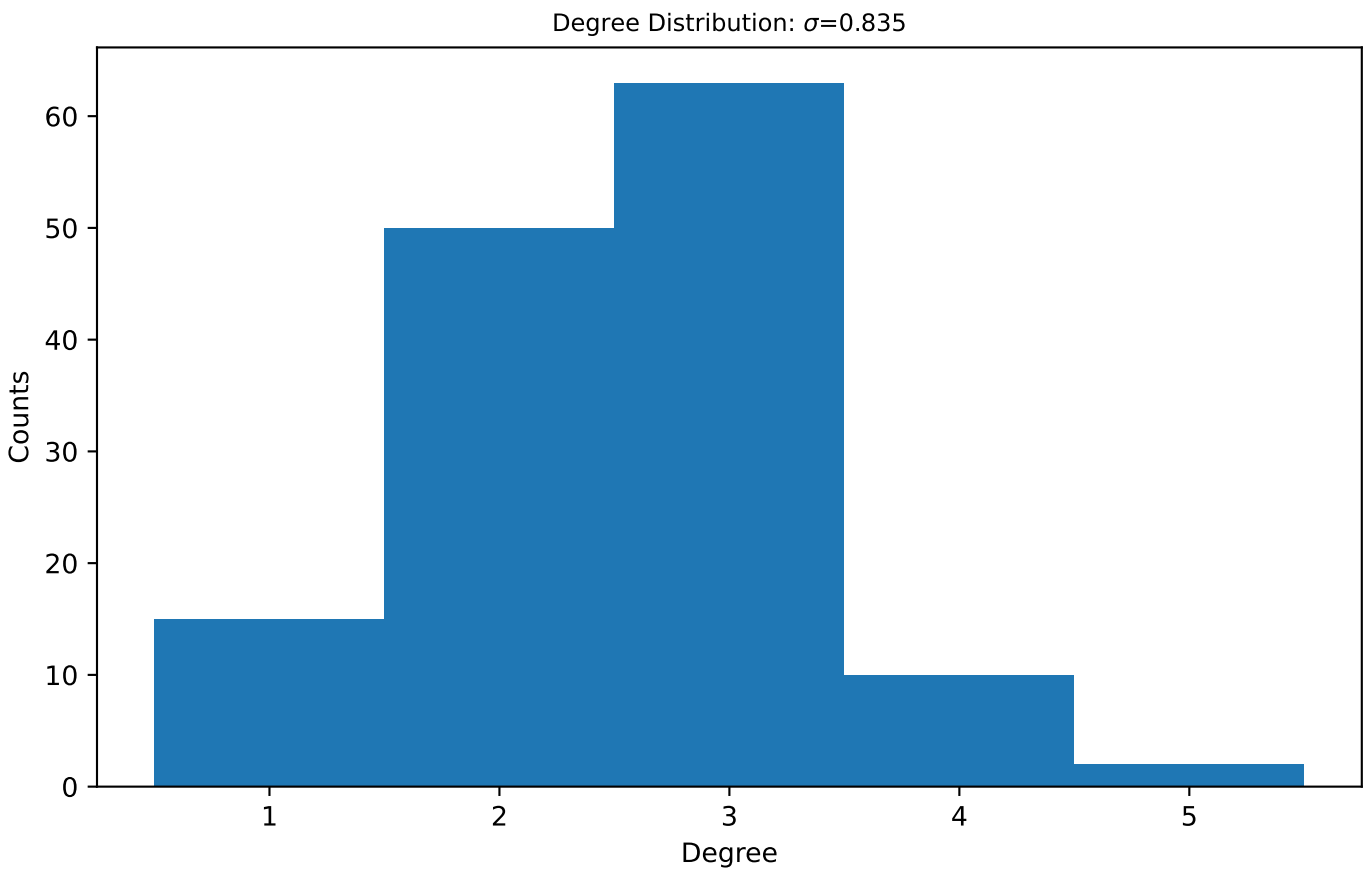


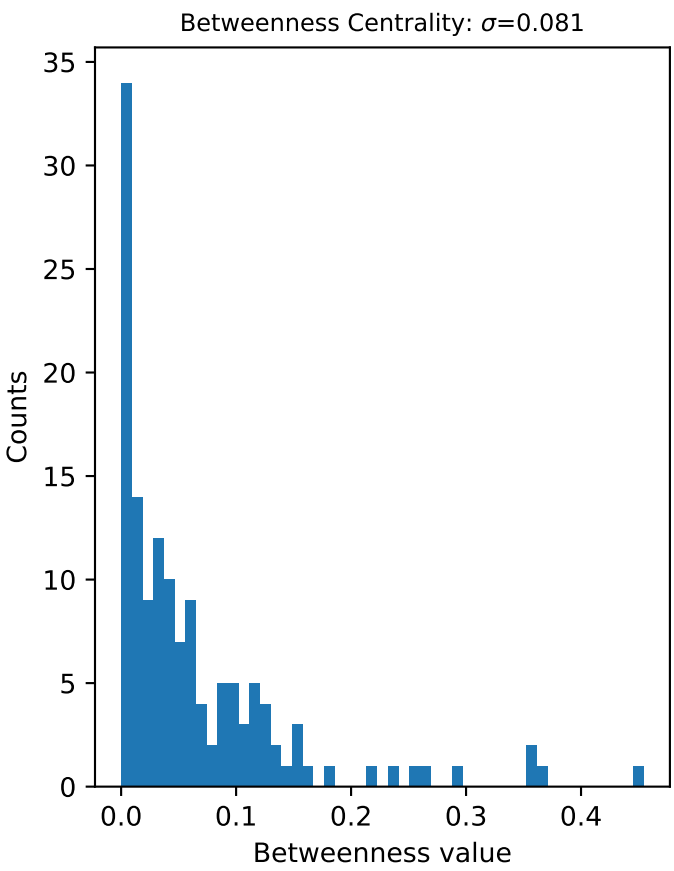
Graph Edge Plot

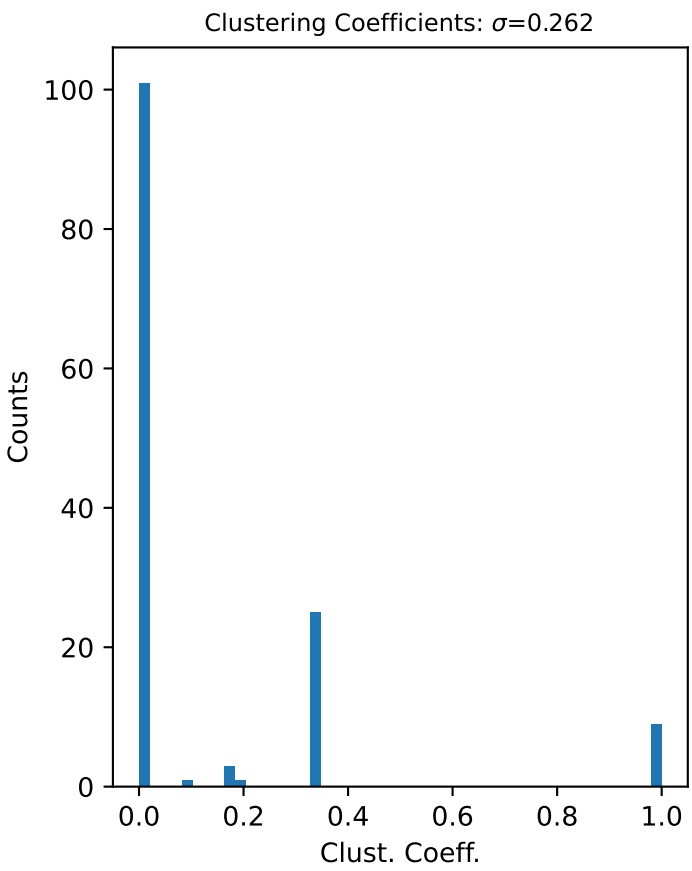


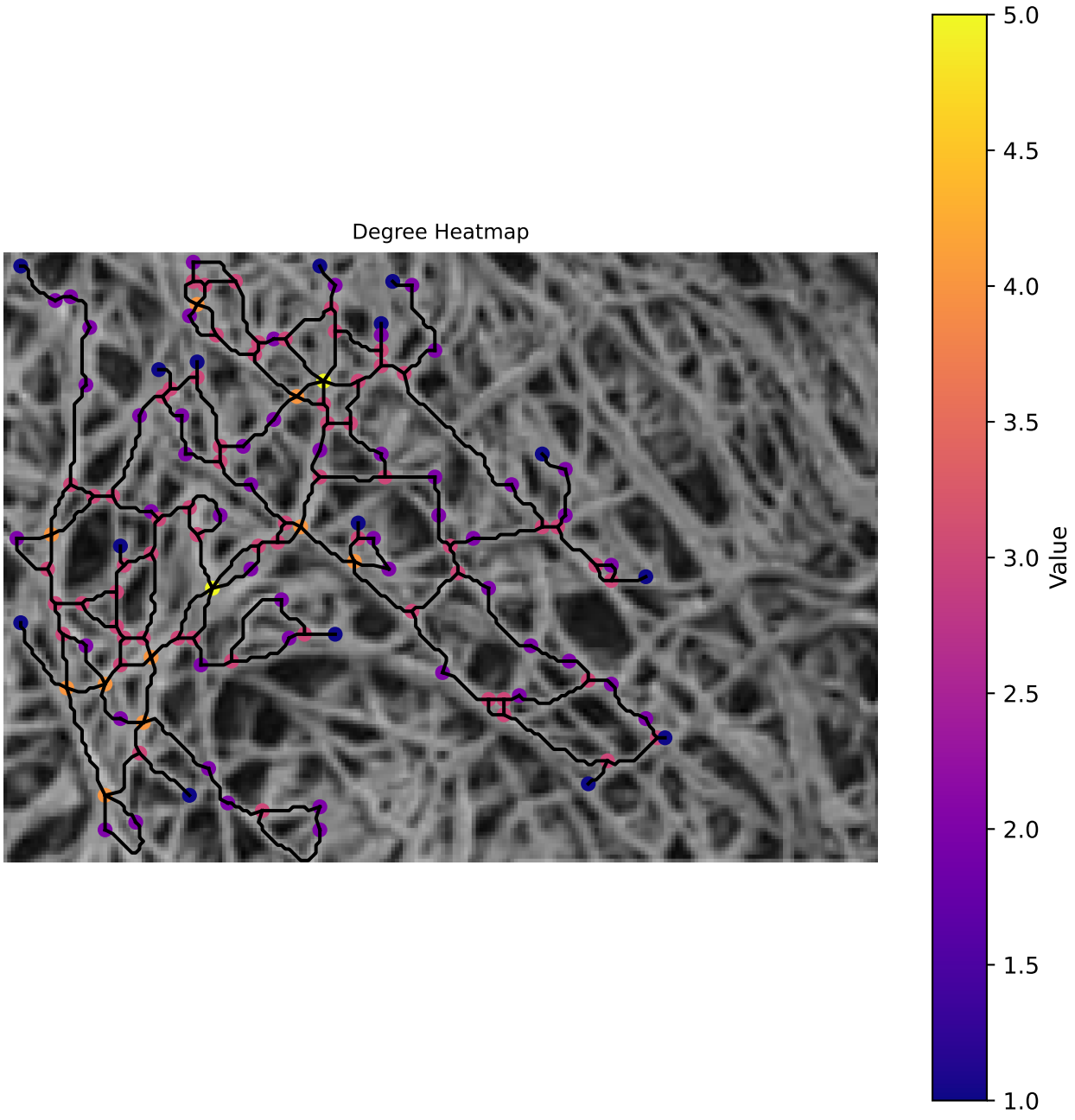
Unweighted GT parameters

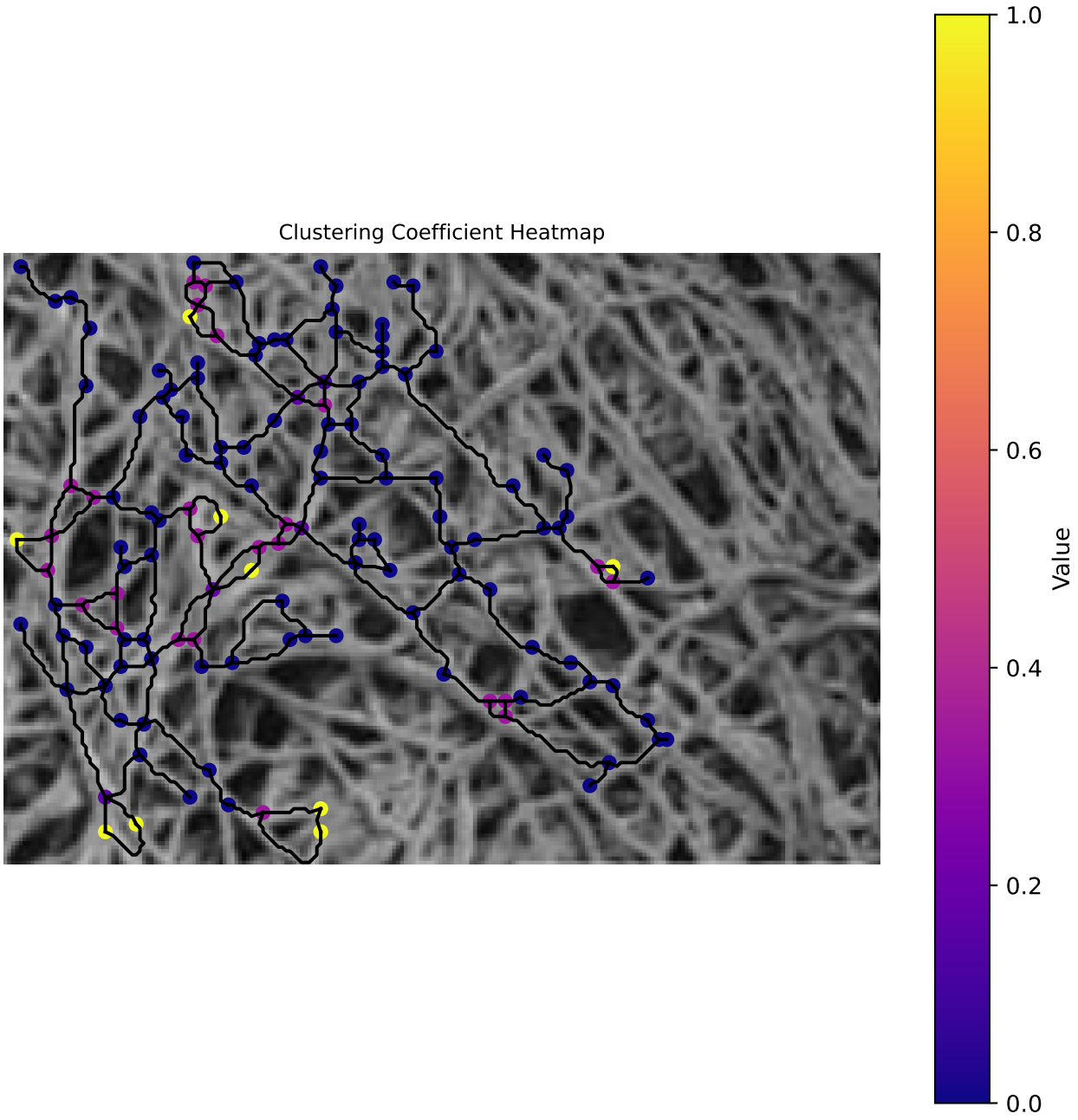
Number of nodes	140.0
Number of edges	177.0
Average edge angle (degrees)	143.617
Median edge angle (degrees)	75.964
Average degree	2.52857
Network diameter	25.0
Graph density	0.01819
Assortativity coefficient	0.08913
Average clustering coefficient	0.12952
Average betweenness centrality	0.06384

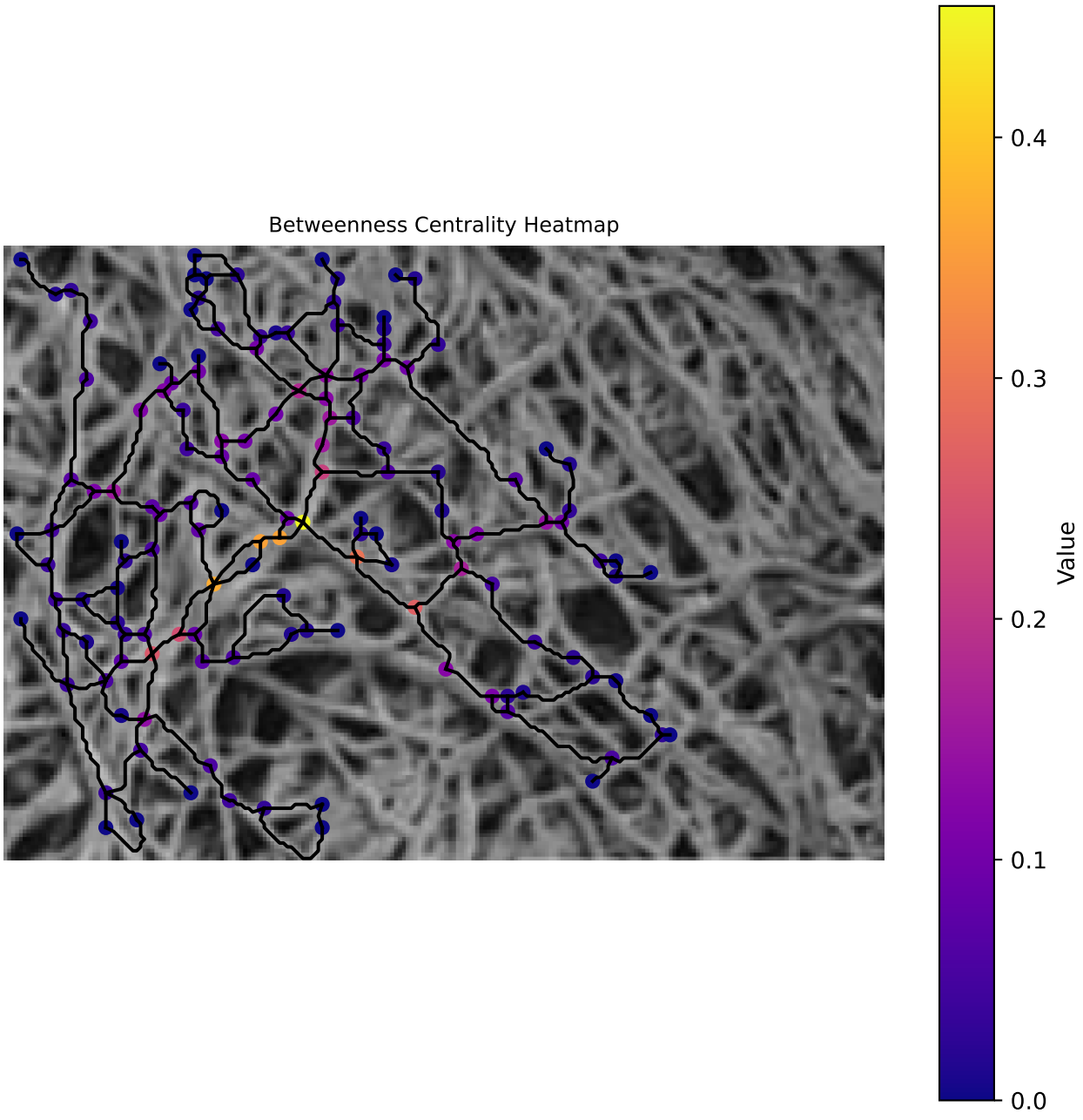

Degree Distribution: σ=0.835
Counts
0
10
20
30
40
50
60
1
2
3
4
5
Degree


Betweenness Centrality: σ=0.081
Counts
Betweenness value
0
5
10
15
20
25
30
35
0.0
0.1
0.2
0.3
0.4


Clustering Coefficients: σ=0.262
Counts
Clust. Coeff.
0
20
40
60
80
100
0.0
0.2
0.4
0.6
0.8
1.0


Degree Heatmap
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
Value


Clustering Coefficient Heatmap
1.0
0.8
0.6
0.4
0.2
0.0
Value


Betweenness Centrality Heatmap
Value
0.0
0.1
0.2
0.3
0.4

Run Info

InVitroBioFilm.png
2025-06-12 15:39:46

Image Filter Configurations
Global Threshold (128.0) || 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