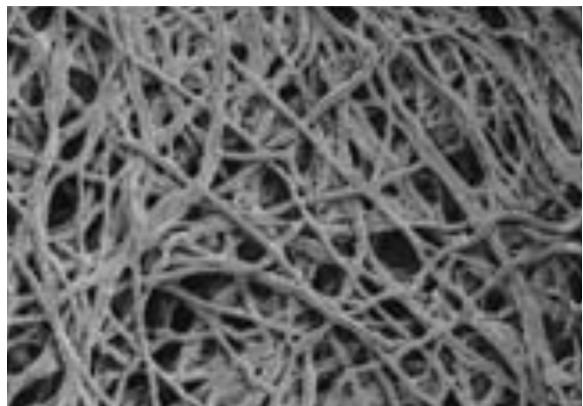
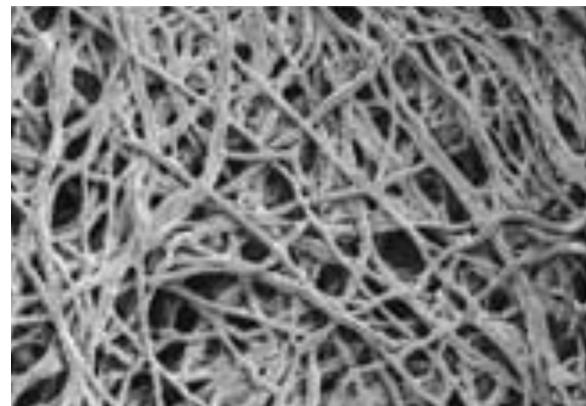


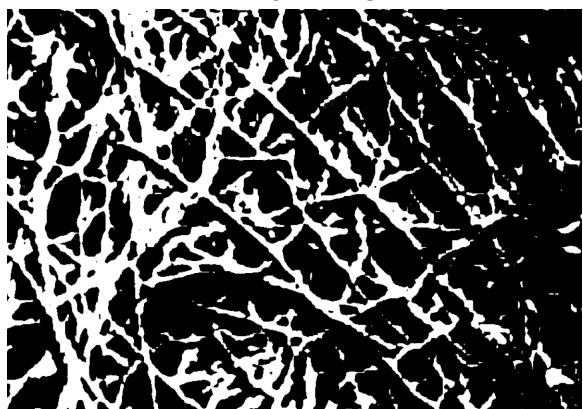
Original Image



Processed Image



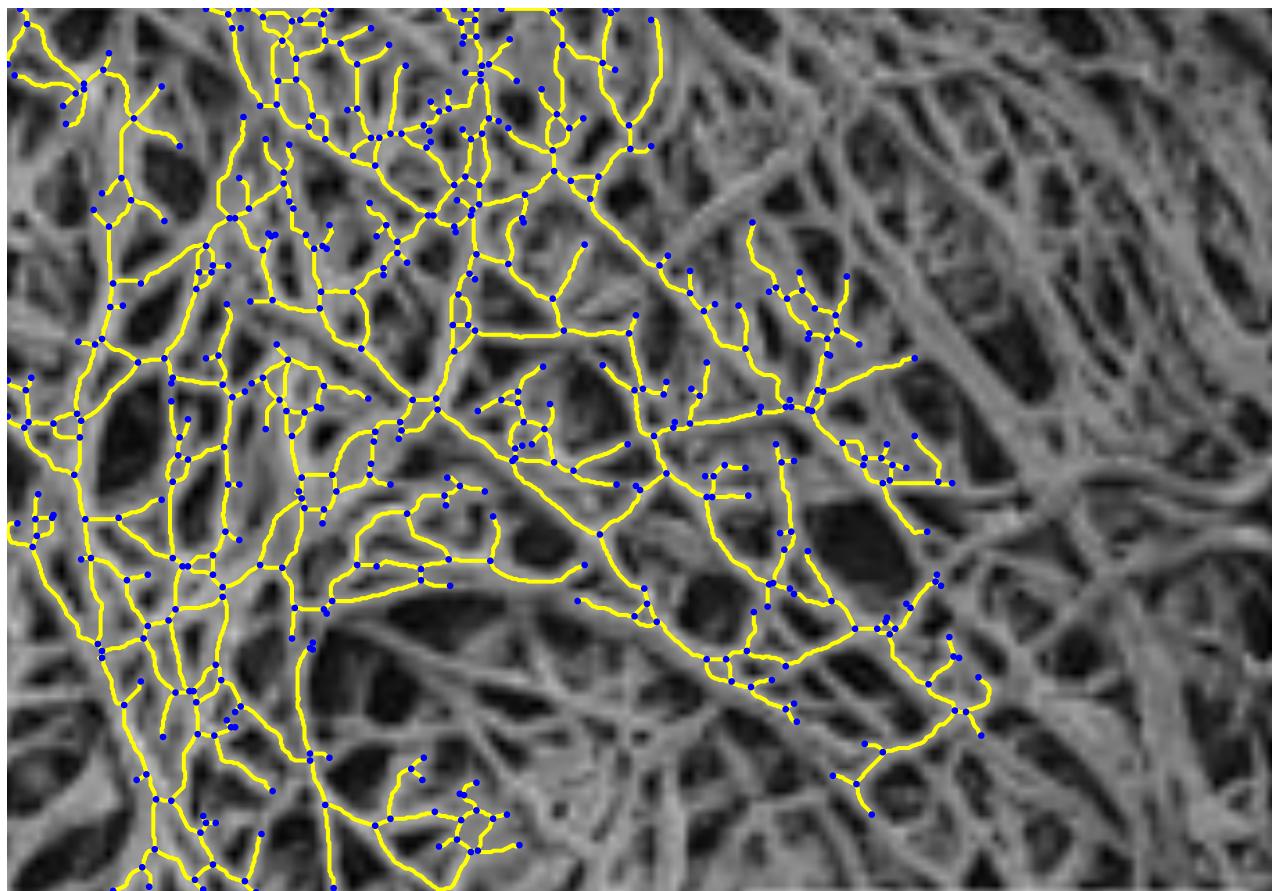
Binary Image



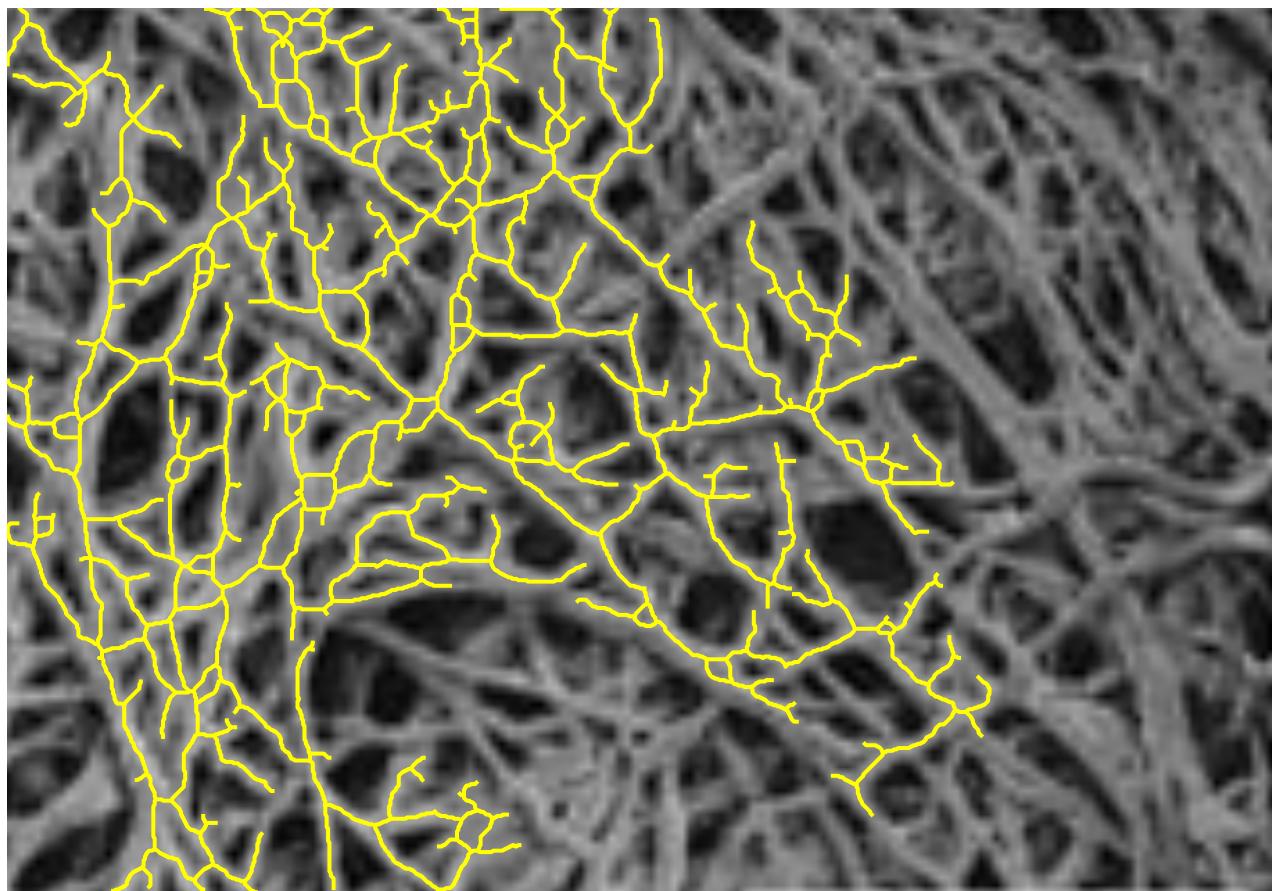
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

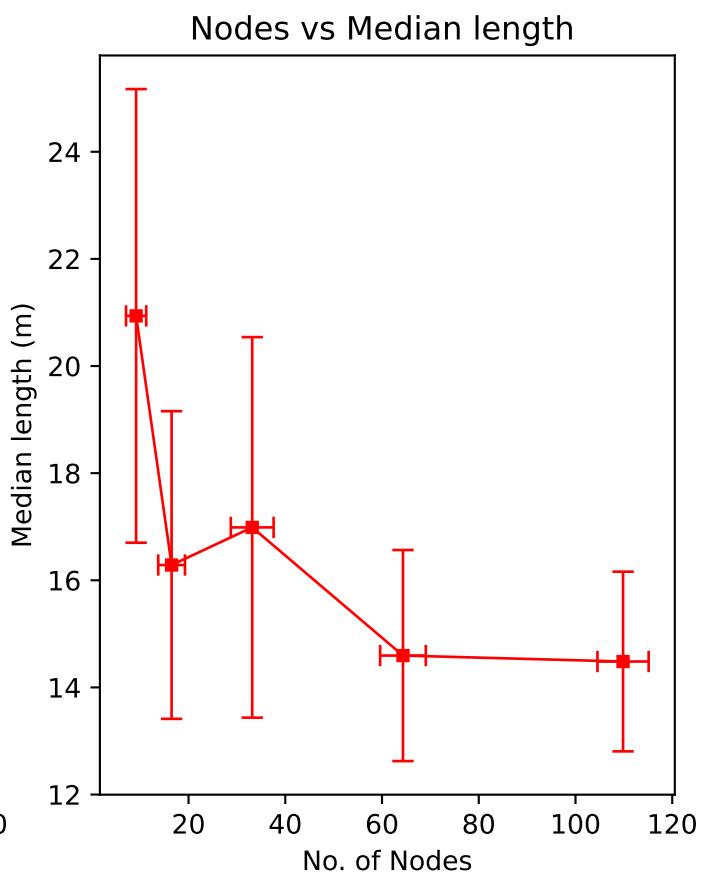
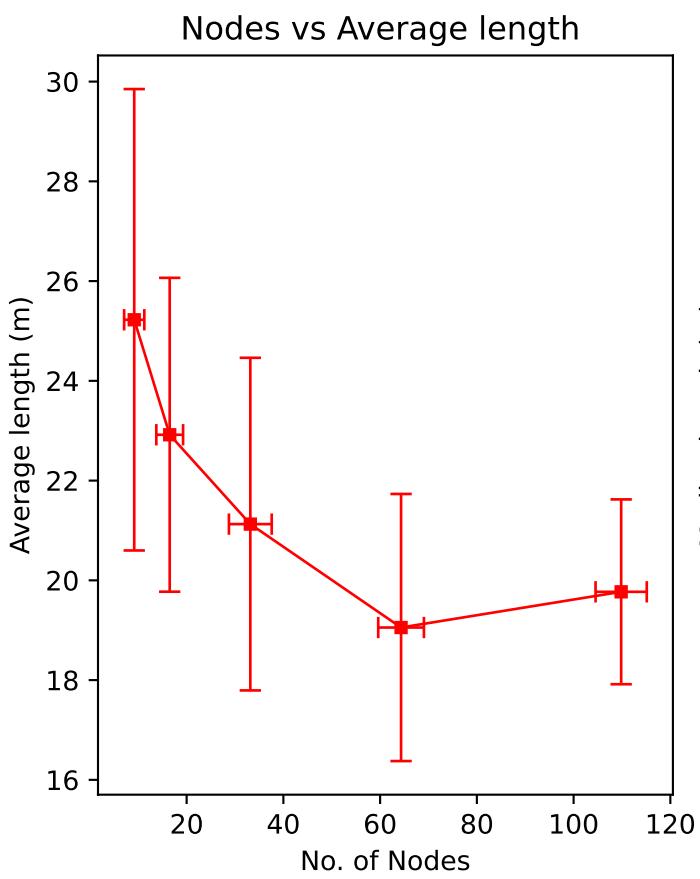
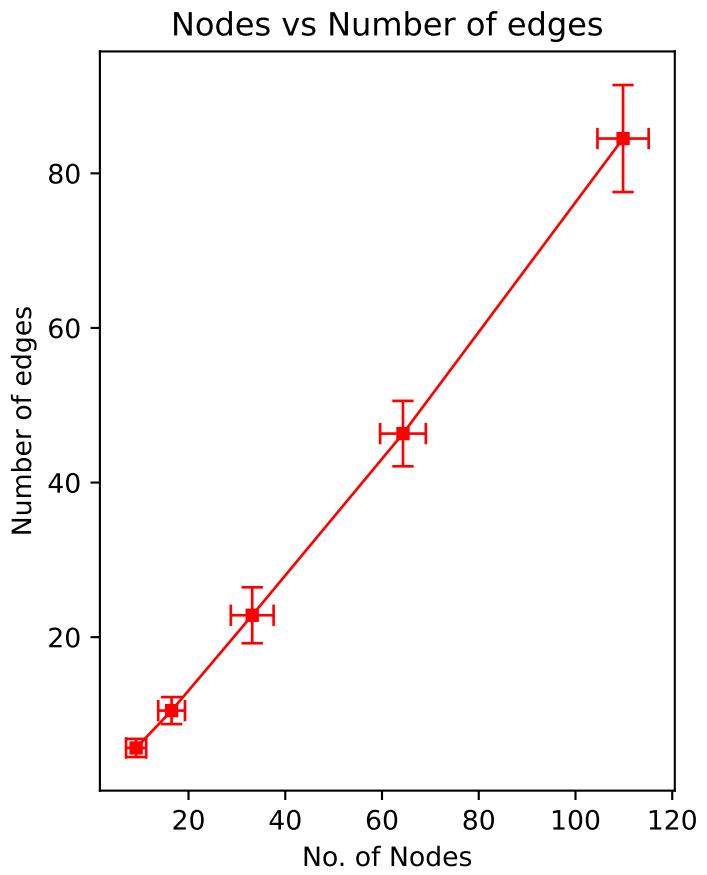


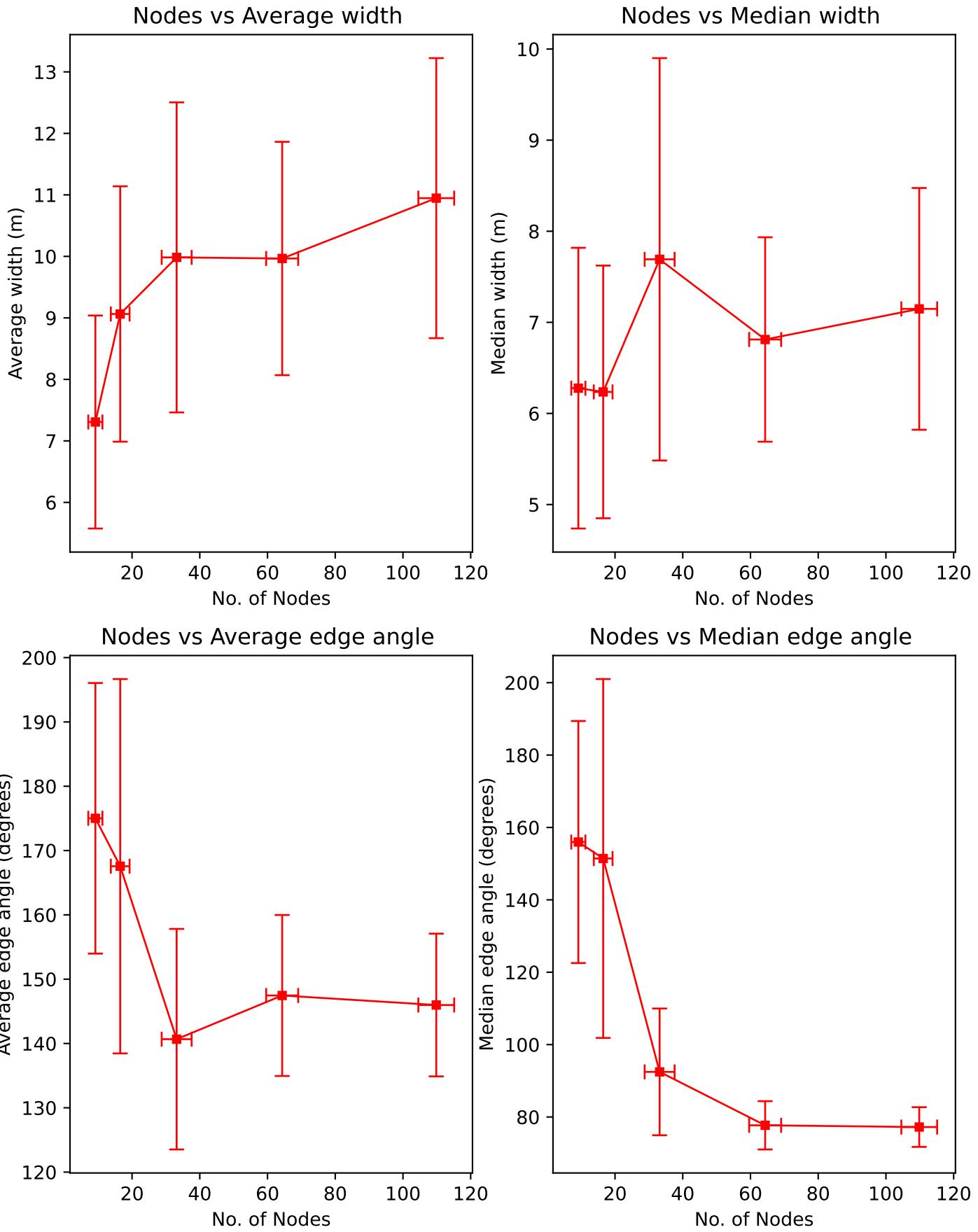
### Unweighted GT parameters

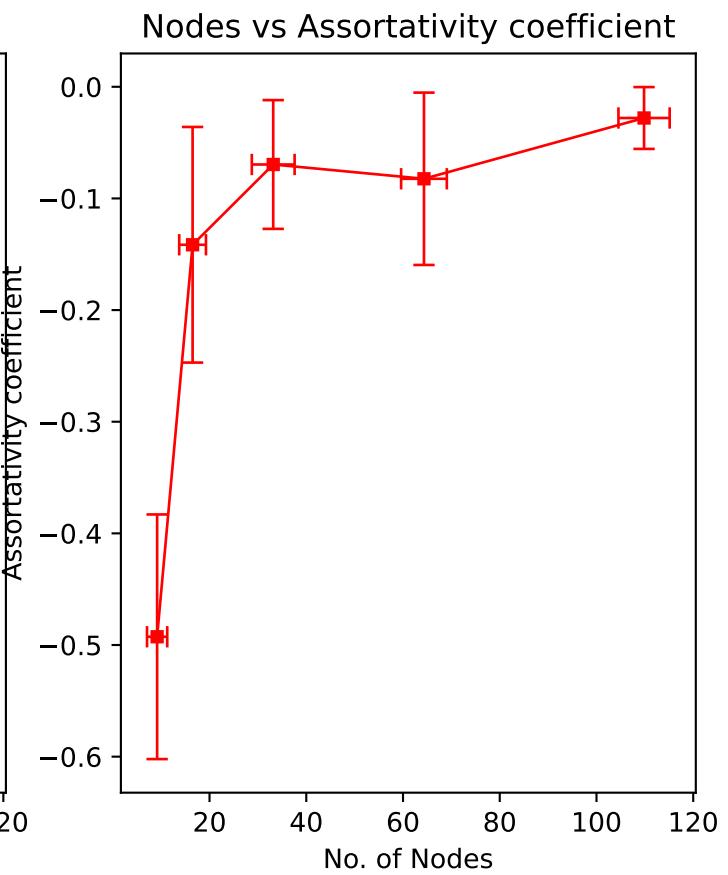
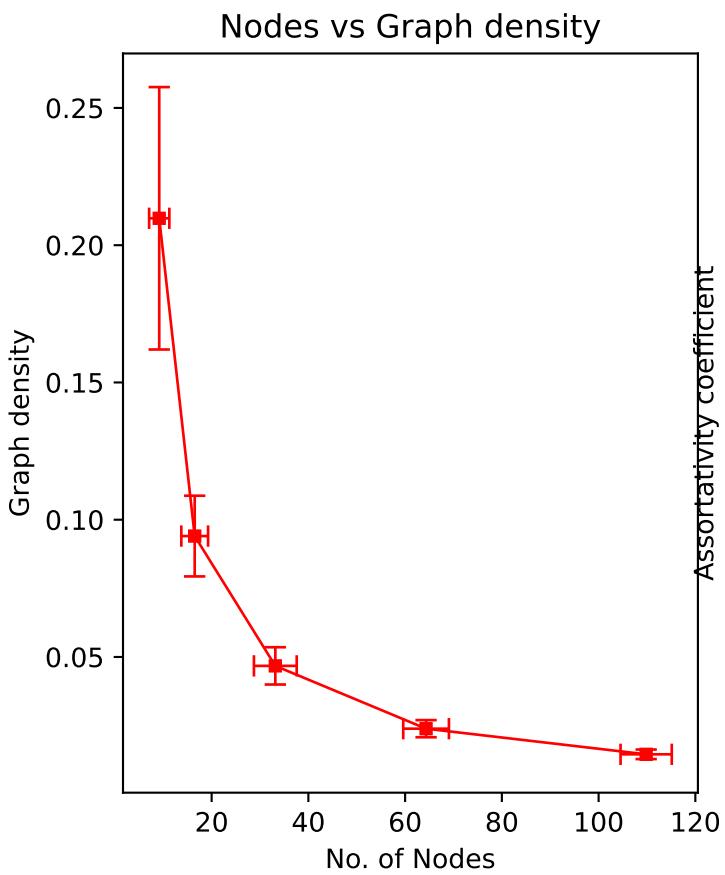
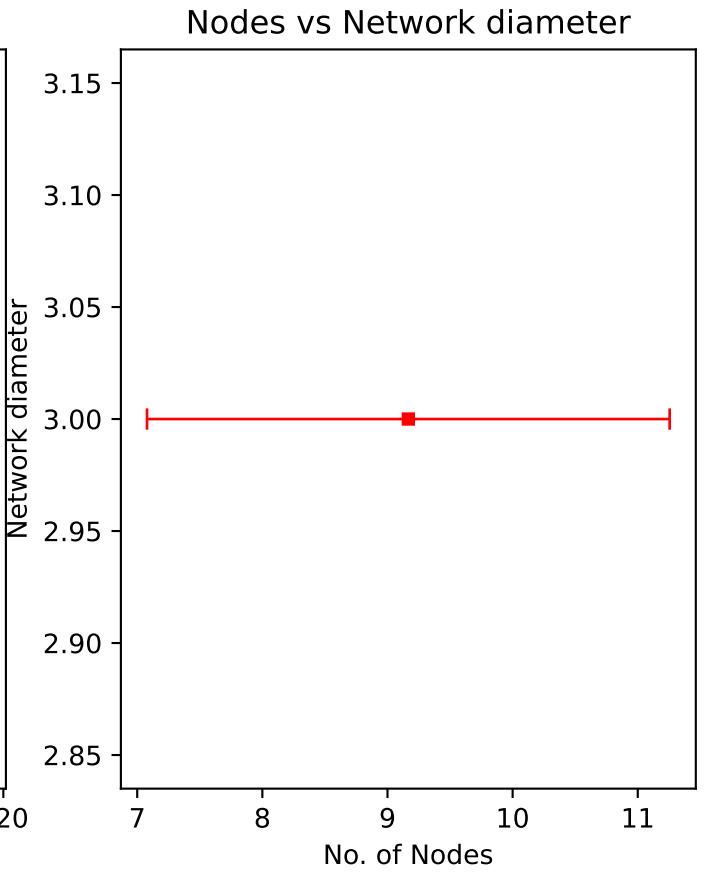
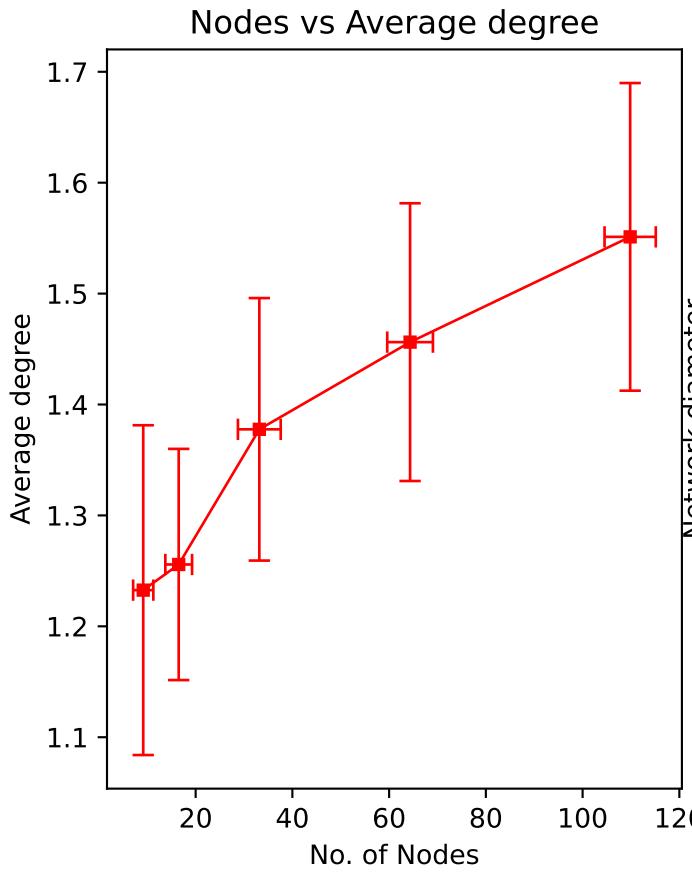
Number of nodes	496.0
Number of edges	563.0
Average length (m)	23.206
Median length (m)	17.786
Average width (m)	17.127
Median width (m)	10.698
Average edge angle (degrees)	169.348
Median edge angle (degrees)	88.091
Average degree	2.27016
Network diameter	40.0
Graph density	0.00459
Assortativity coefficient	-0.14739
Average clustering coefficient	0.03058
Average betweenness centrality	0.03575

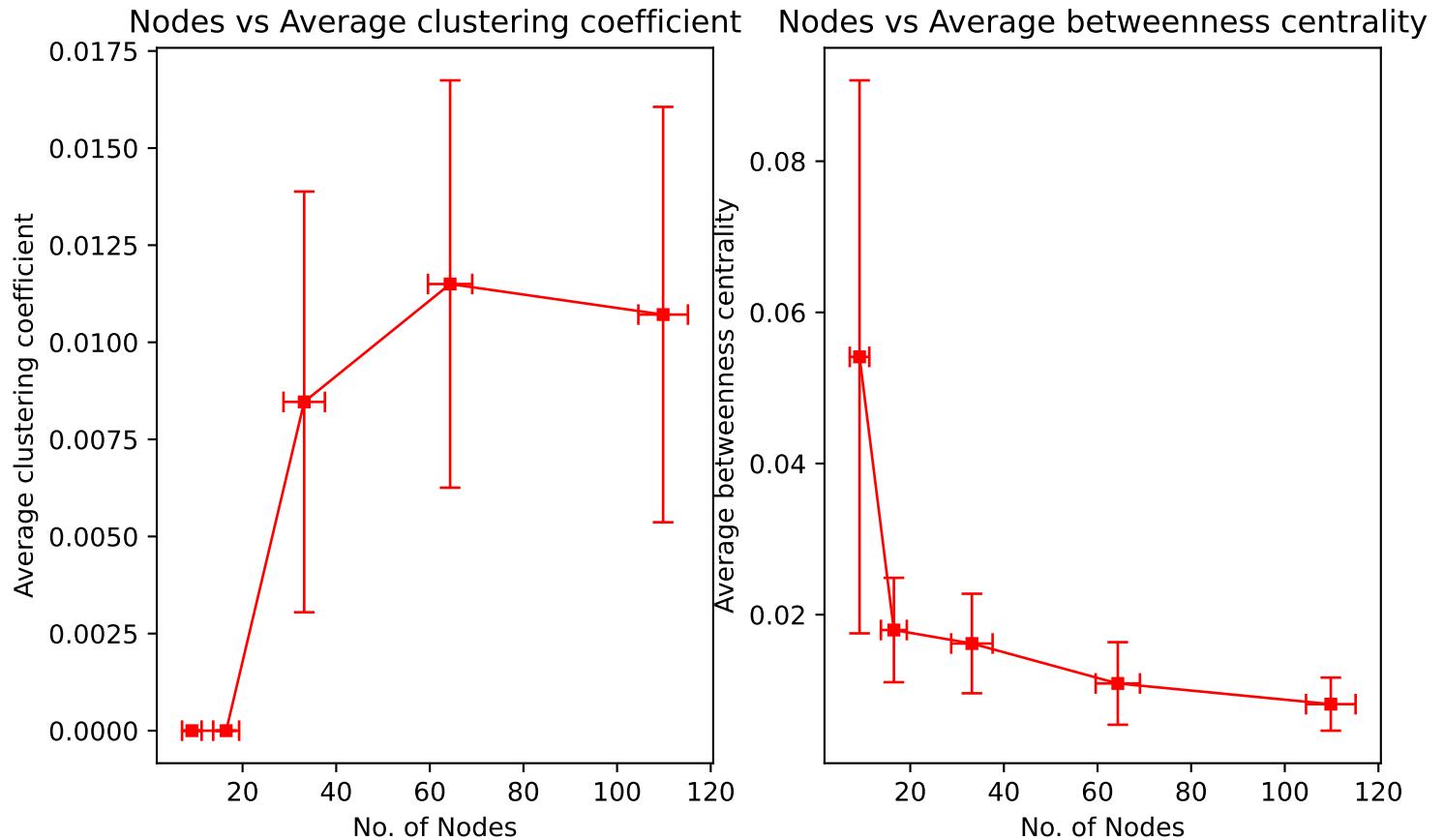
### Weighted GT parameters

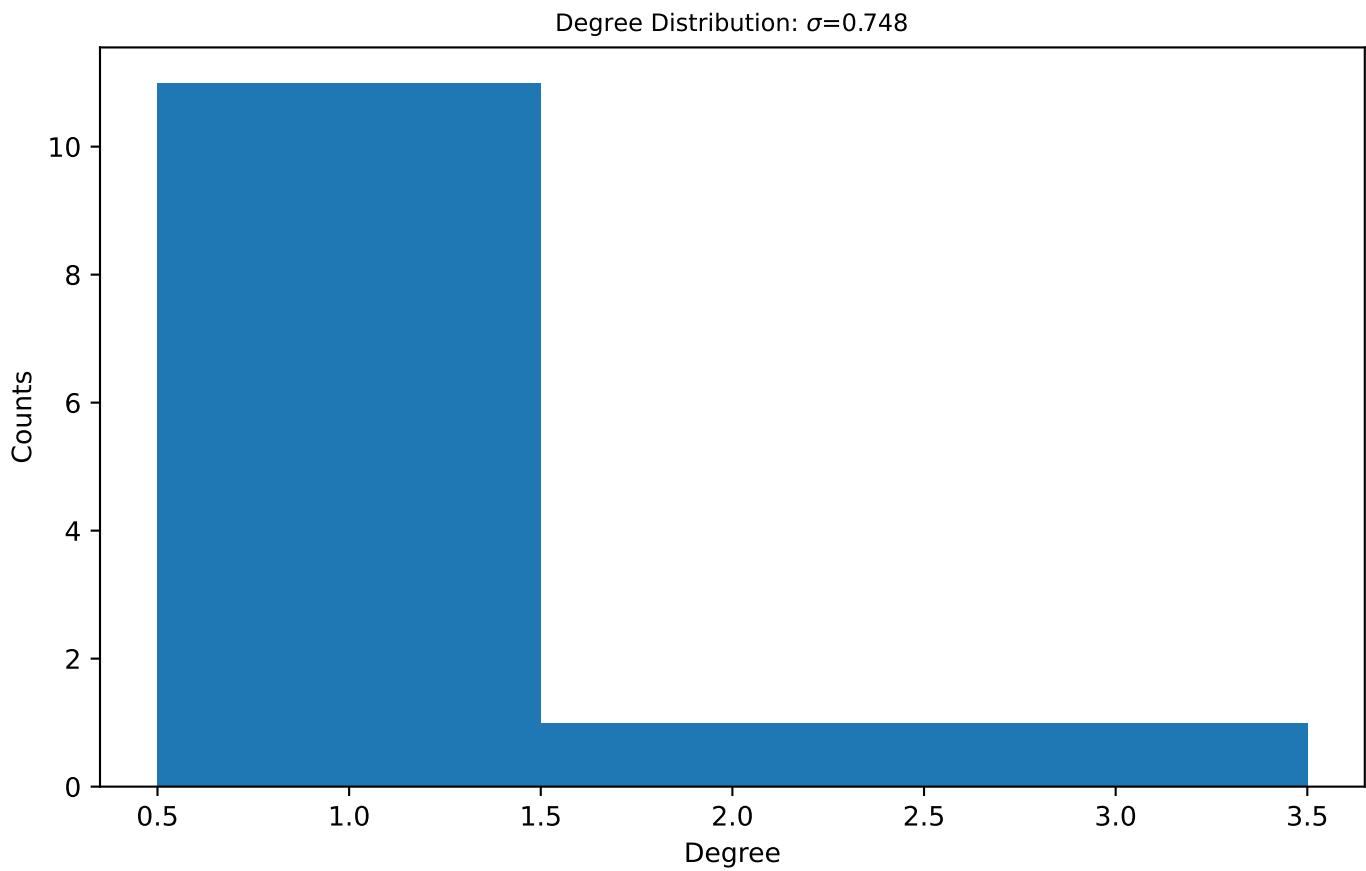
Diameter-weighted average degree	38.88095
Width-weighted assortativity coefficient	0.50075
Diameter-weighted average betweenness centrality	0.04047

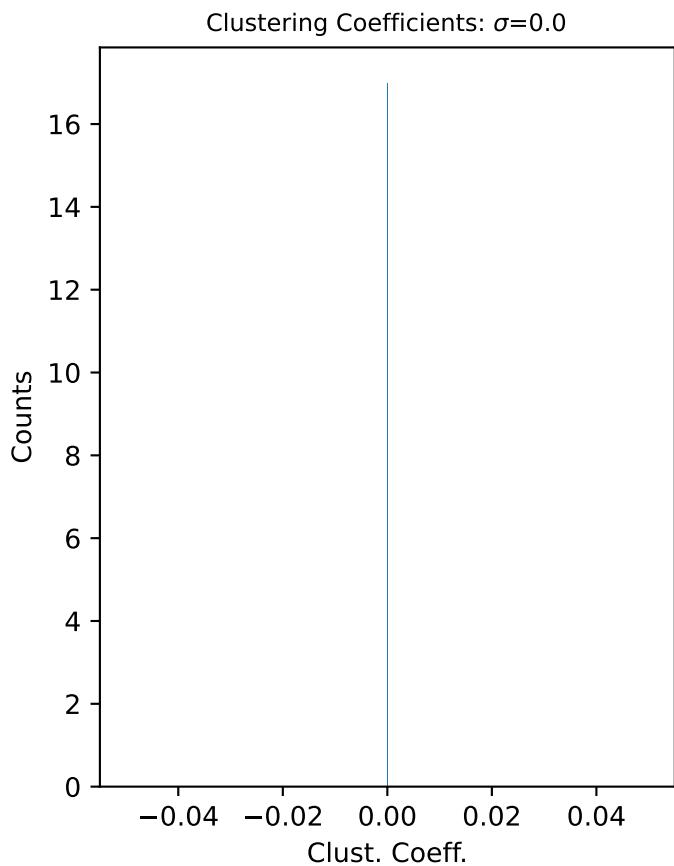
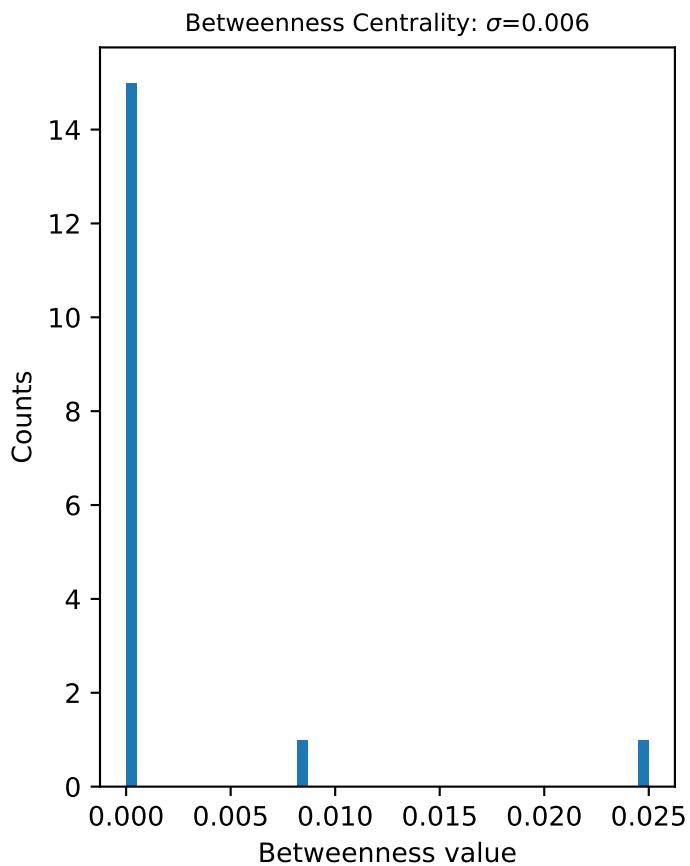


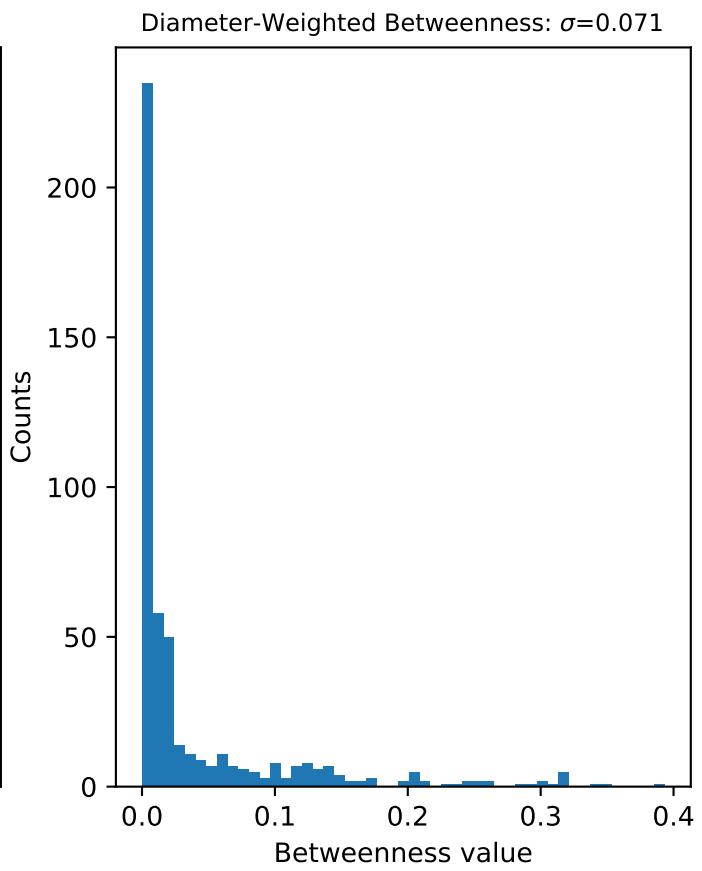
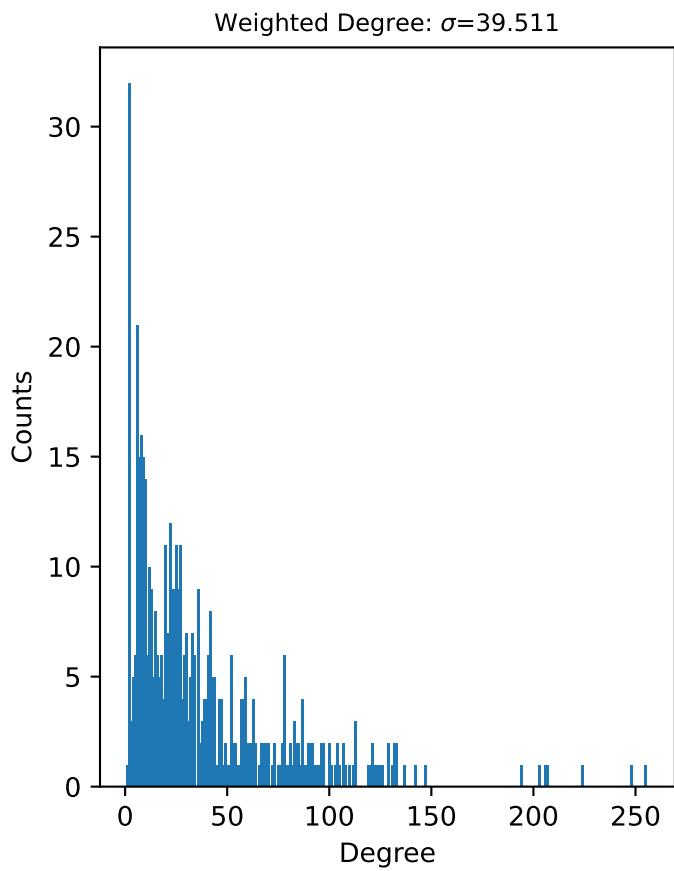












## Run Info

InVitroBioFilm.png  
2025-05-28 15:46:36

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\*\*\*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 = 638 x 912 px || Scale Factor = 1.0

\*\*\*Graph Extraction Configurations\*\*\*  
Weight Type: Diameter