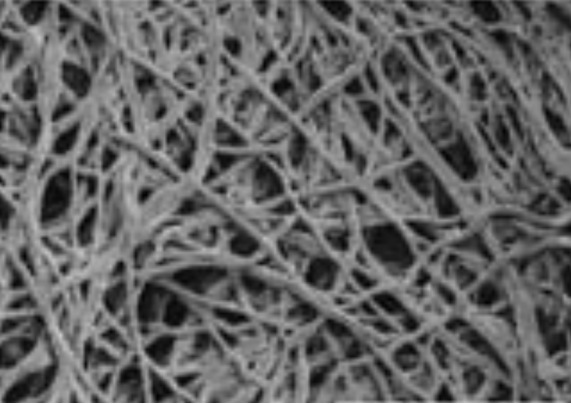
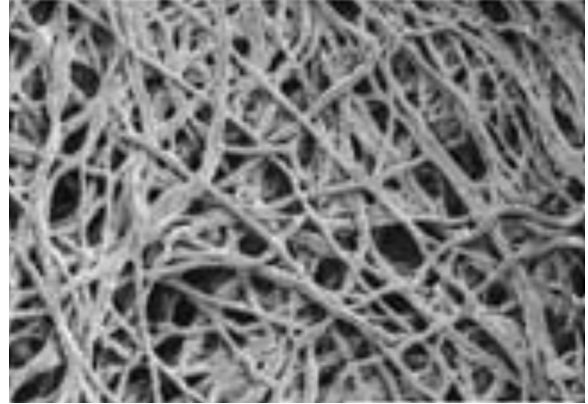


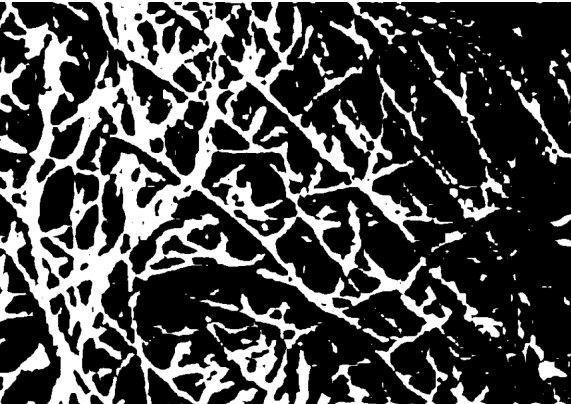
Original Image



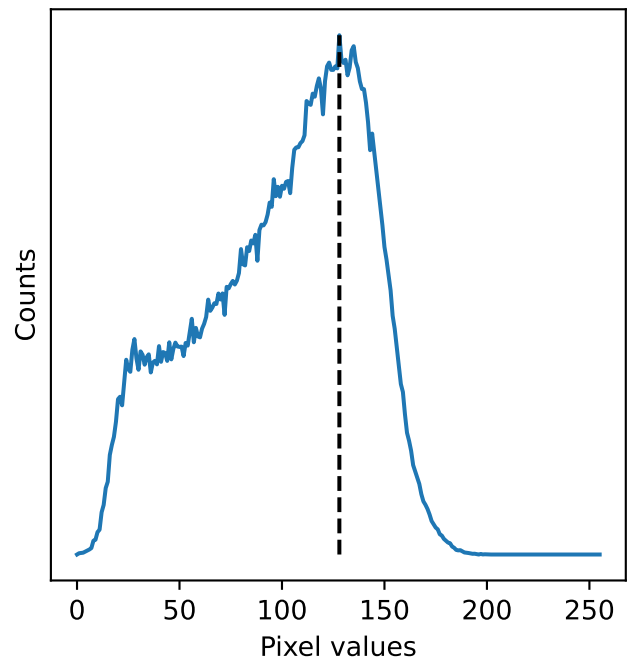
Processed Image



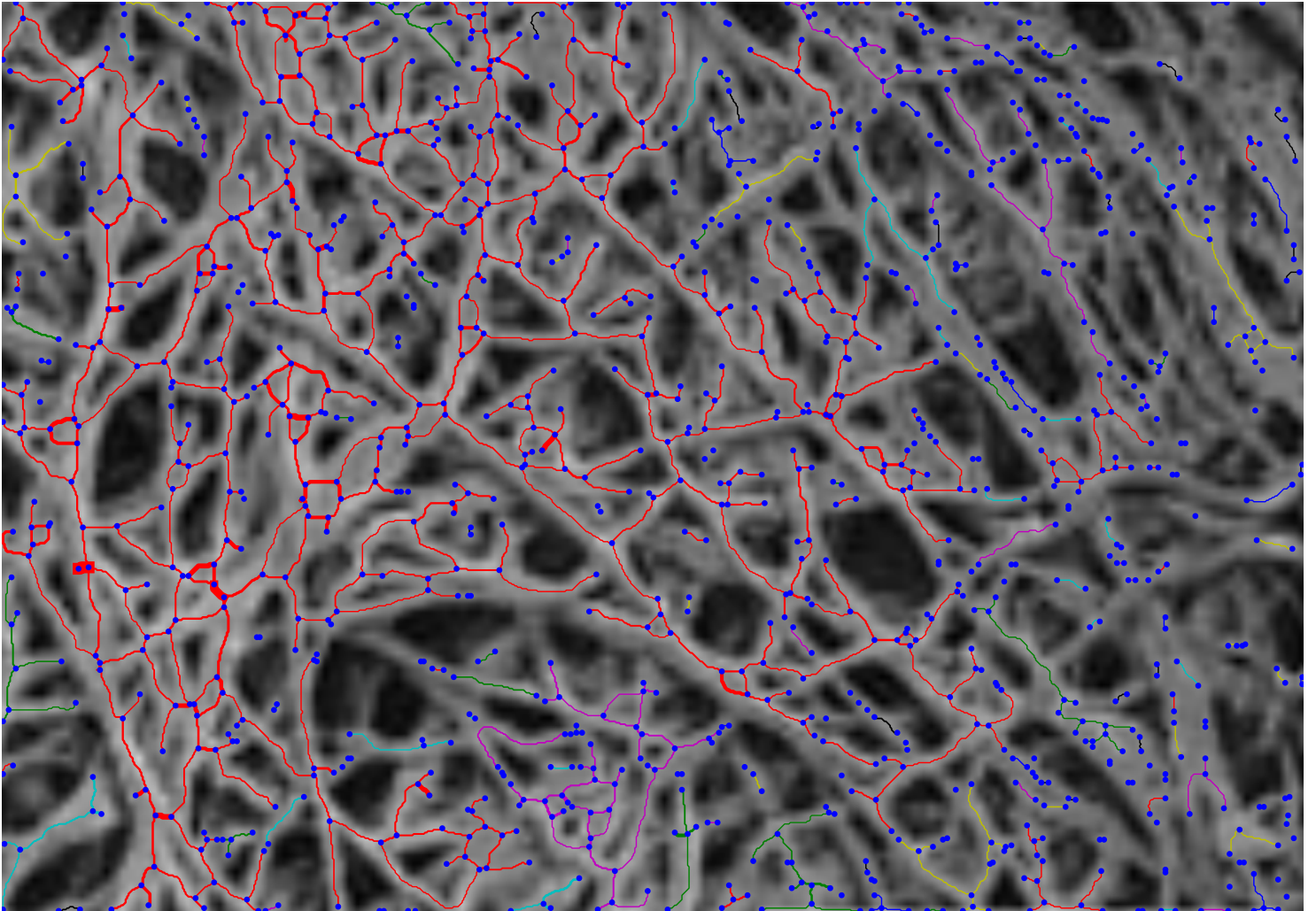
Binary Image



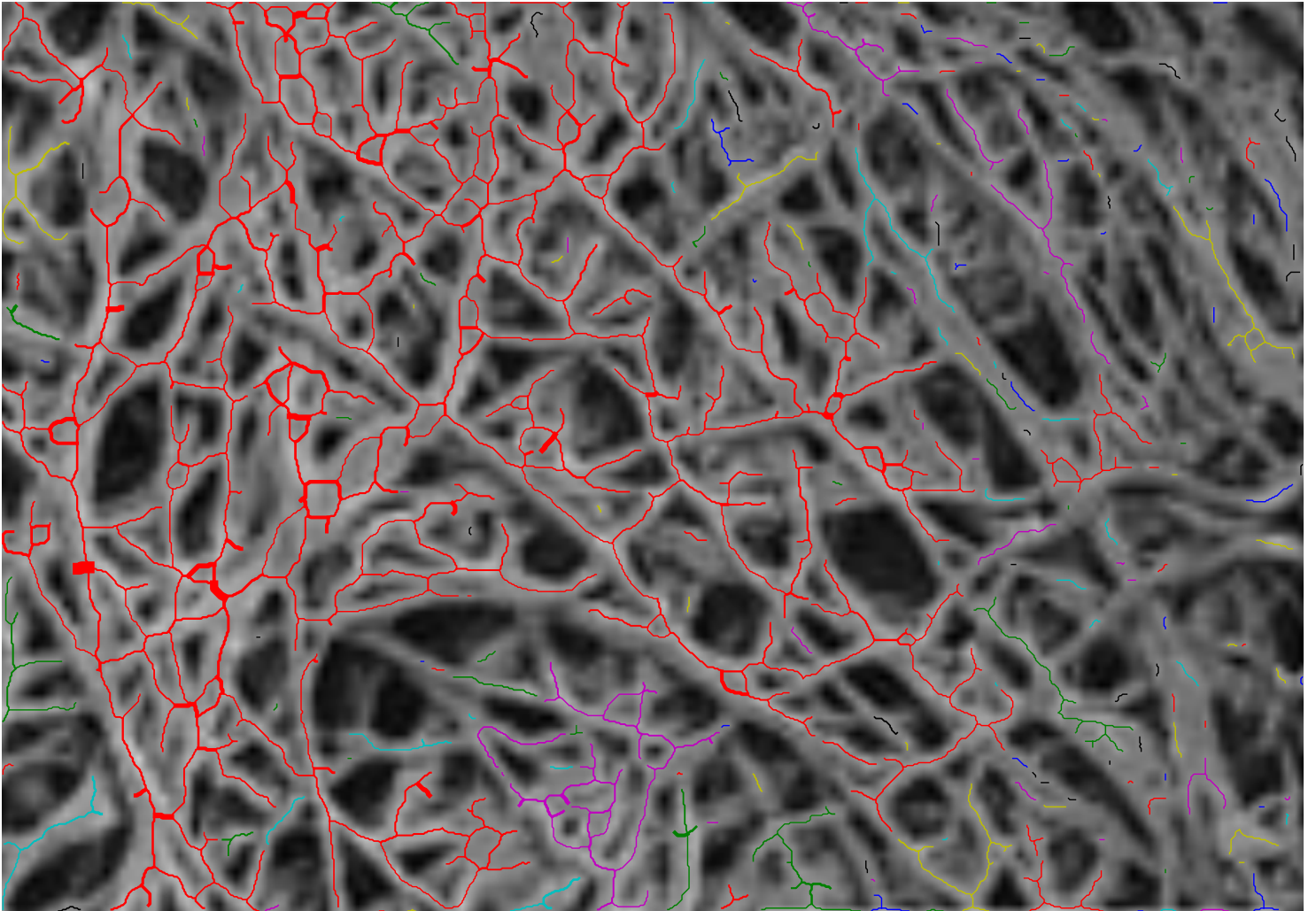
Histogram of Processed Image



Graph Node Plot



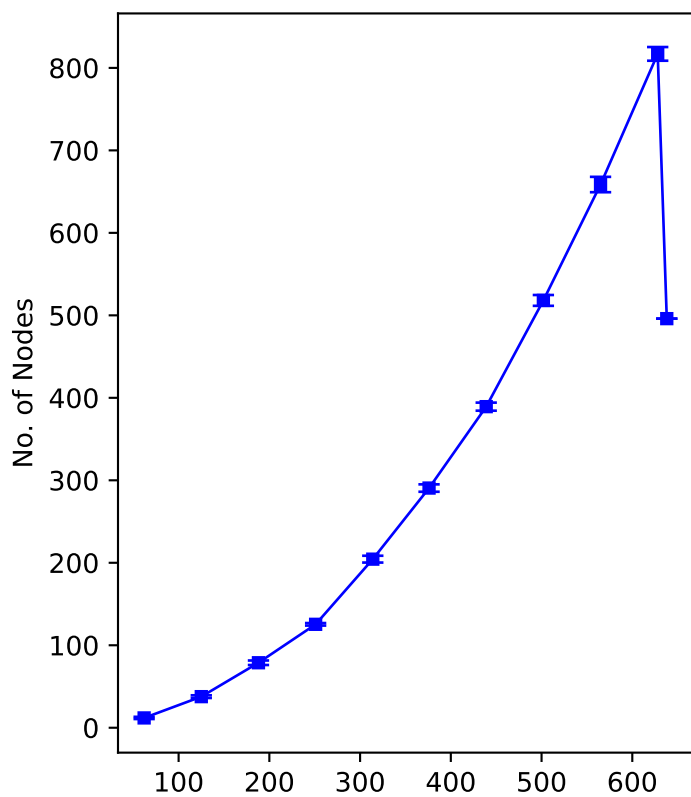
Graph Edge Plot



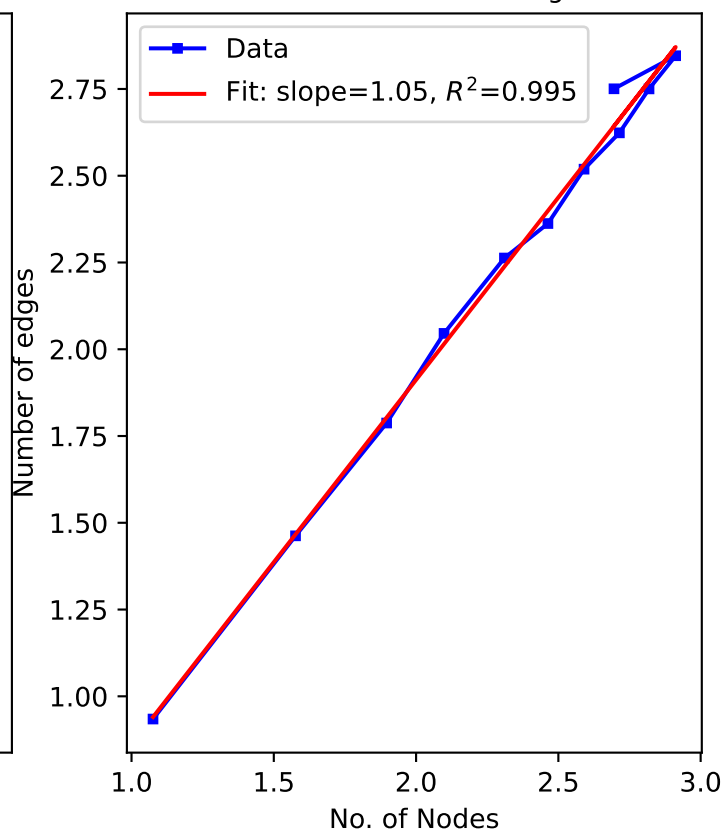
### Unweighted GT parameters

Number of nodes	496.0
Number of edges	563.0
Average edge angle (degrees)	169.348
Median edge angle (degrees)	88.091
Average degree	2.27016
Network diameter	40.0
Graph density	0.00459

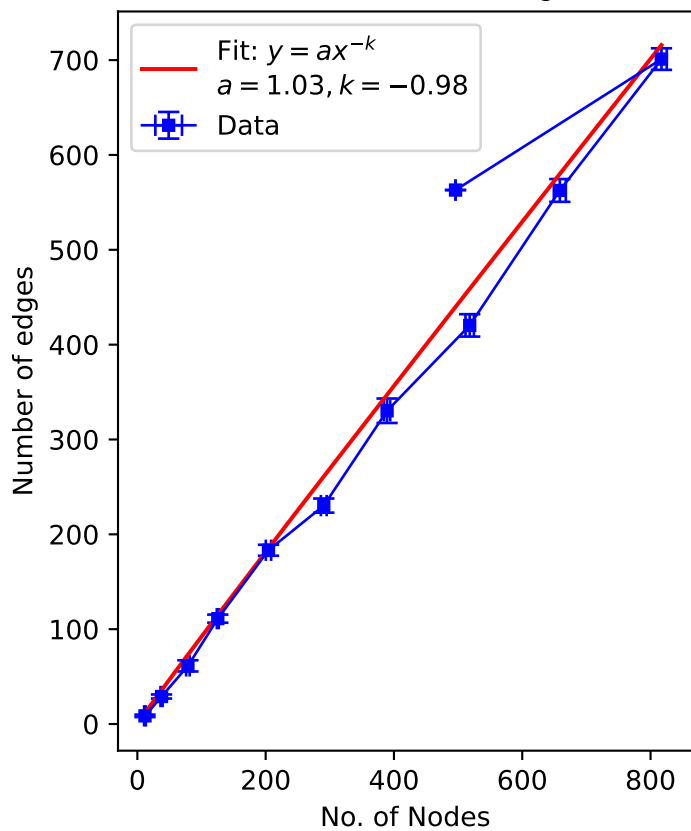
Scatter Plot of  
Kernel Size vs No. of Nodes



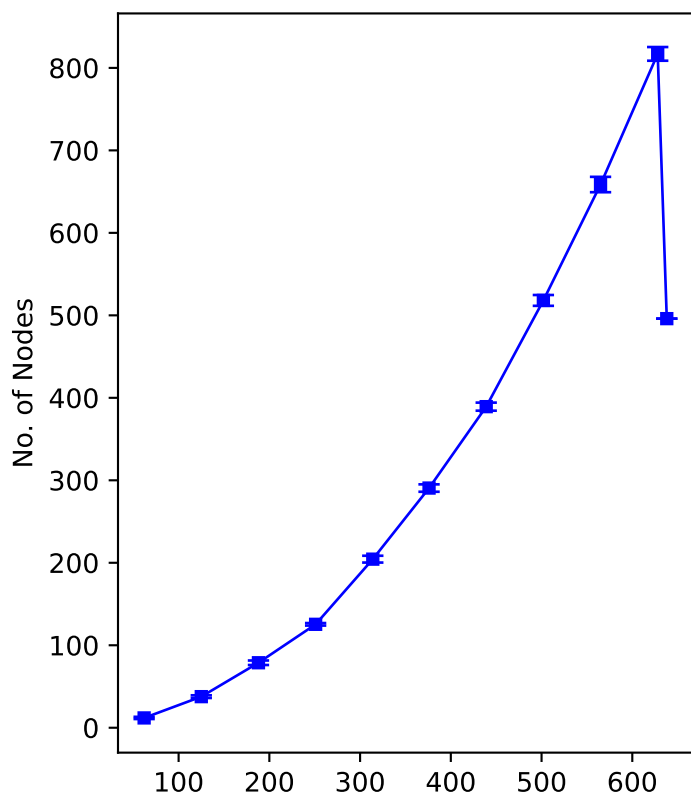
Log-Log Plot of  
Nodes vs Number of edges



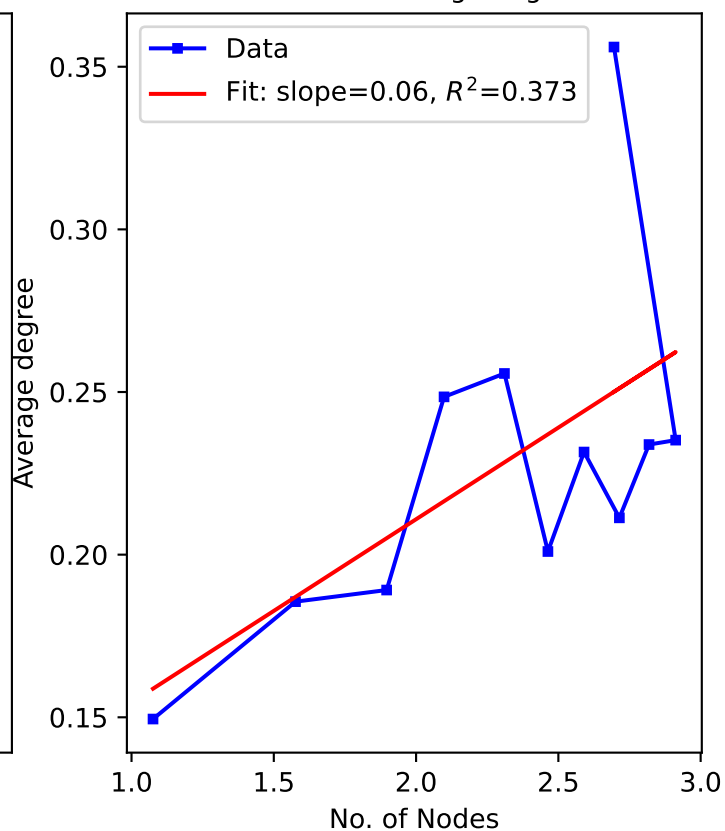
Power Law Fit and Plot of  
Nodes vs Number of edges



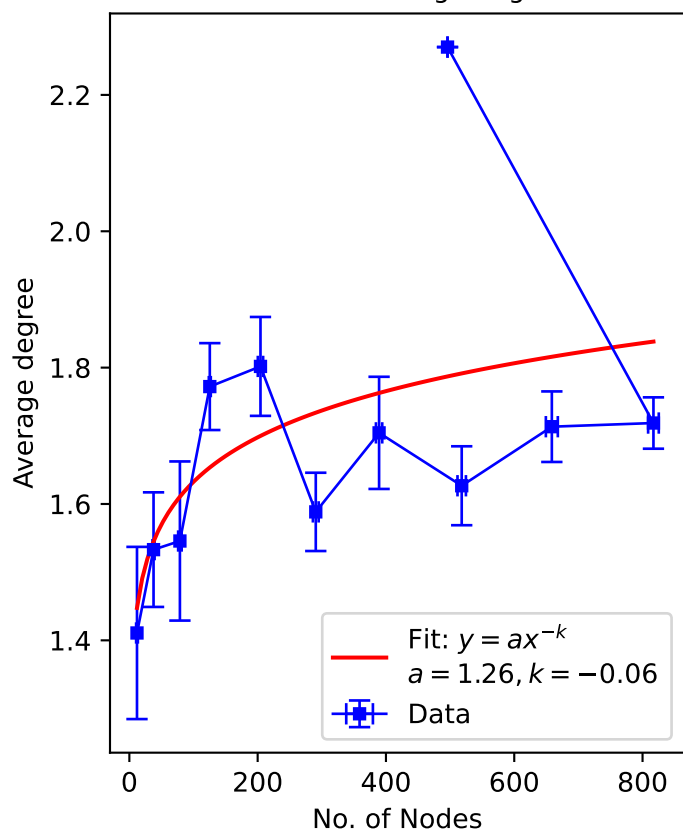
Scatter Plot of  
Kernel Size vs No. of Nodes



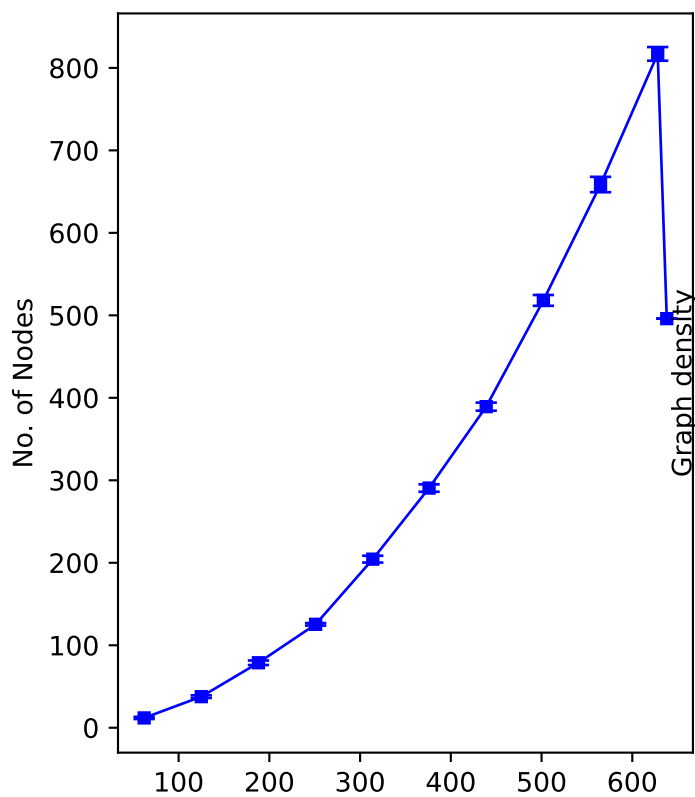
Log-Log Plot of  
Nodes vs Average degree



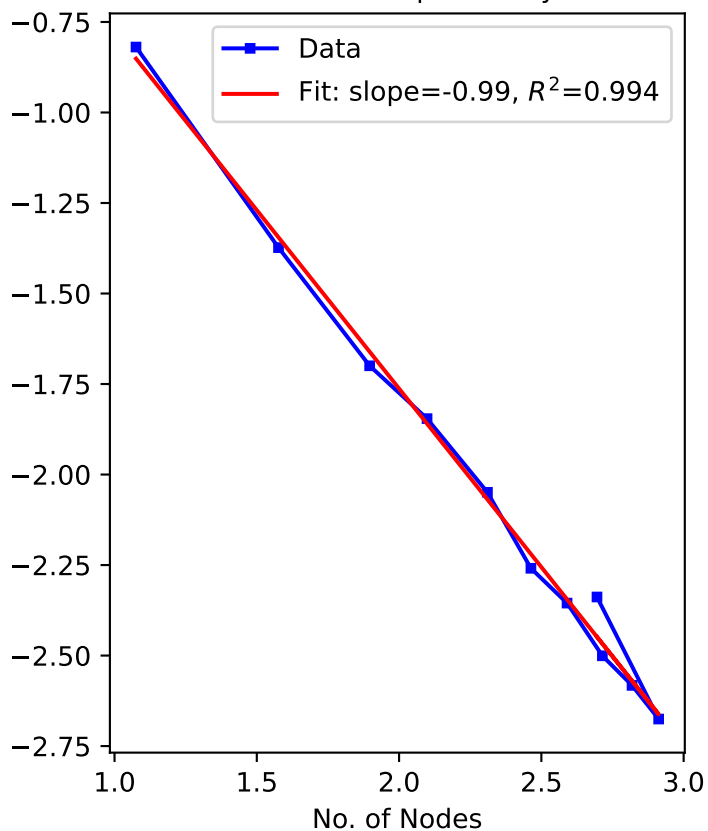
Power Law Fit and Plot of  
Nodes vs Average degree



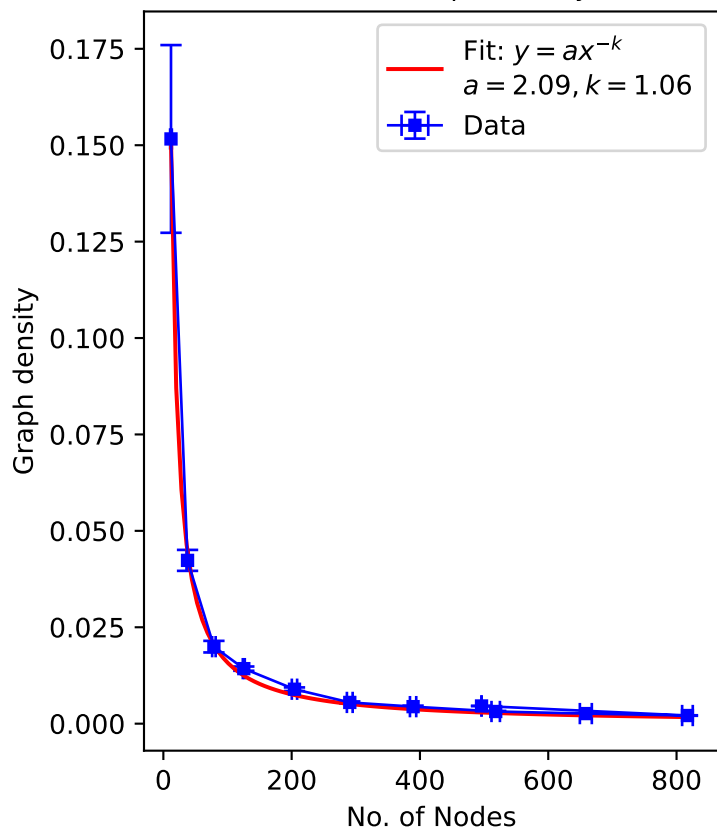
Scatter Plot of  
Kernel Size vs No. of Nodes



Log-Log Plot of  
Nodes vs Graph density

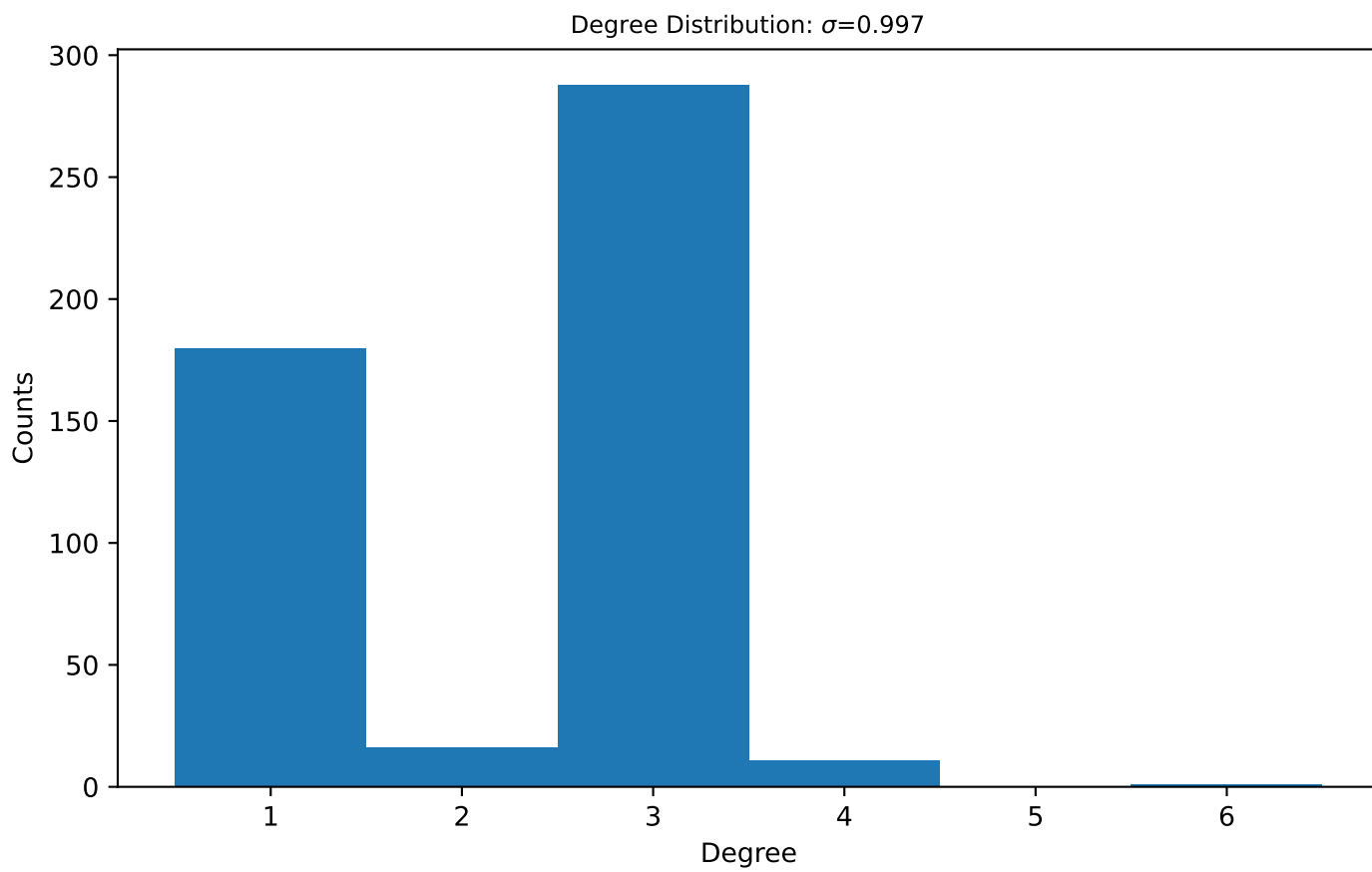


Power Law Fit and Plot of  
Nodes vs Graph density











## Run Info

InVitroBioFilm.png  
2025-07-18 11:50:42  
-----

\*\*\*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\*\*\*