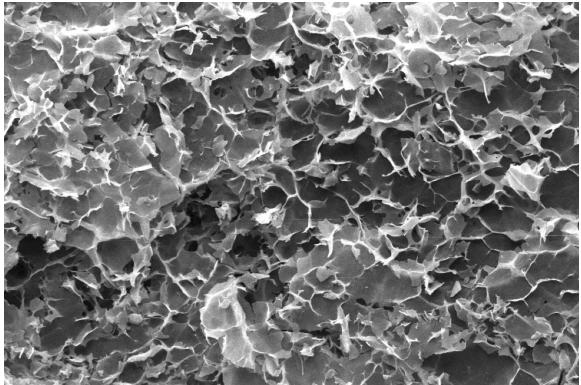
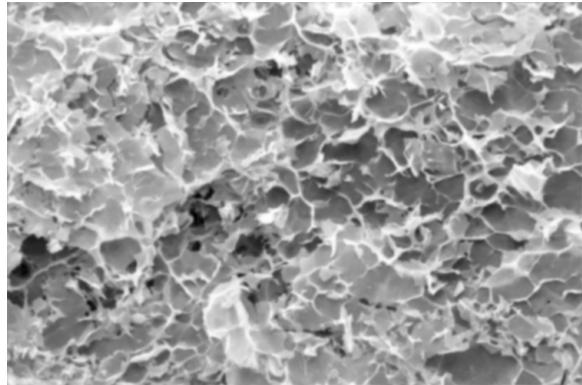


Original Image



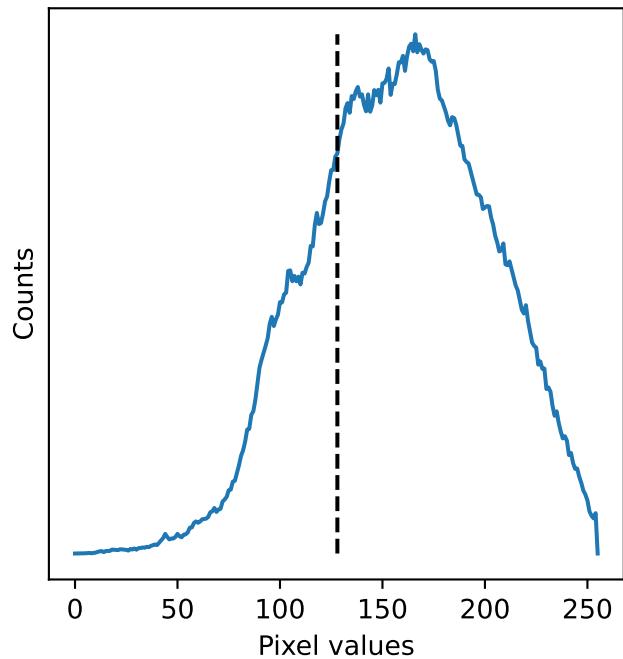
Processed Image



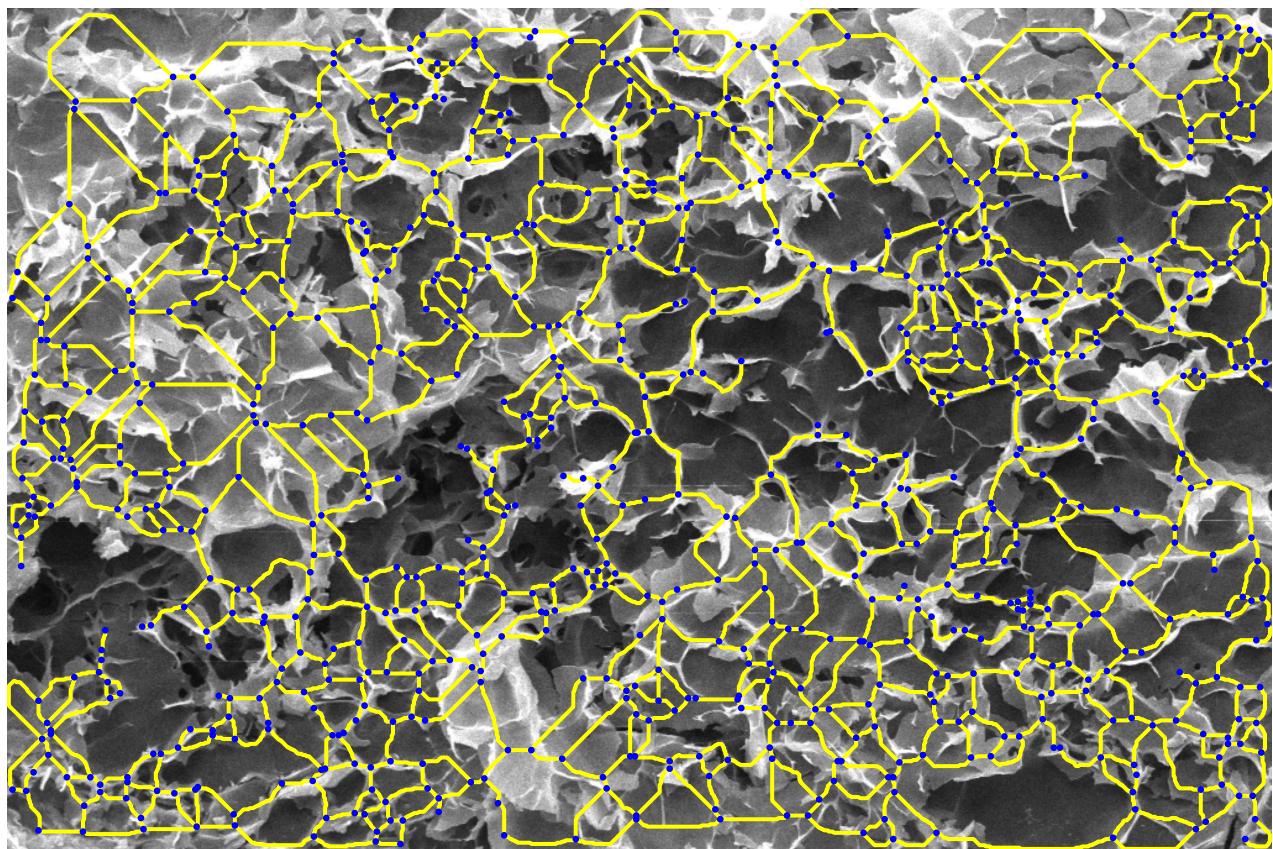
Binary Image



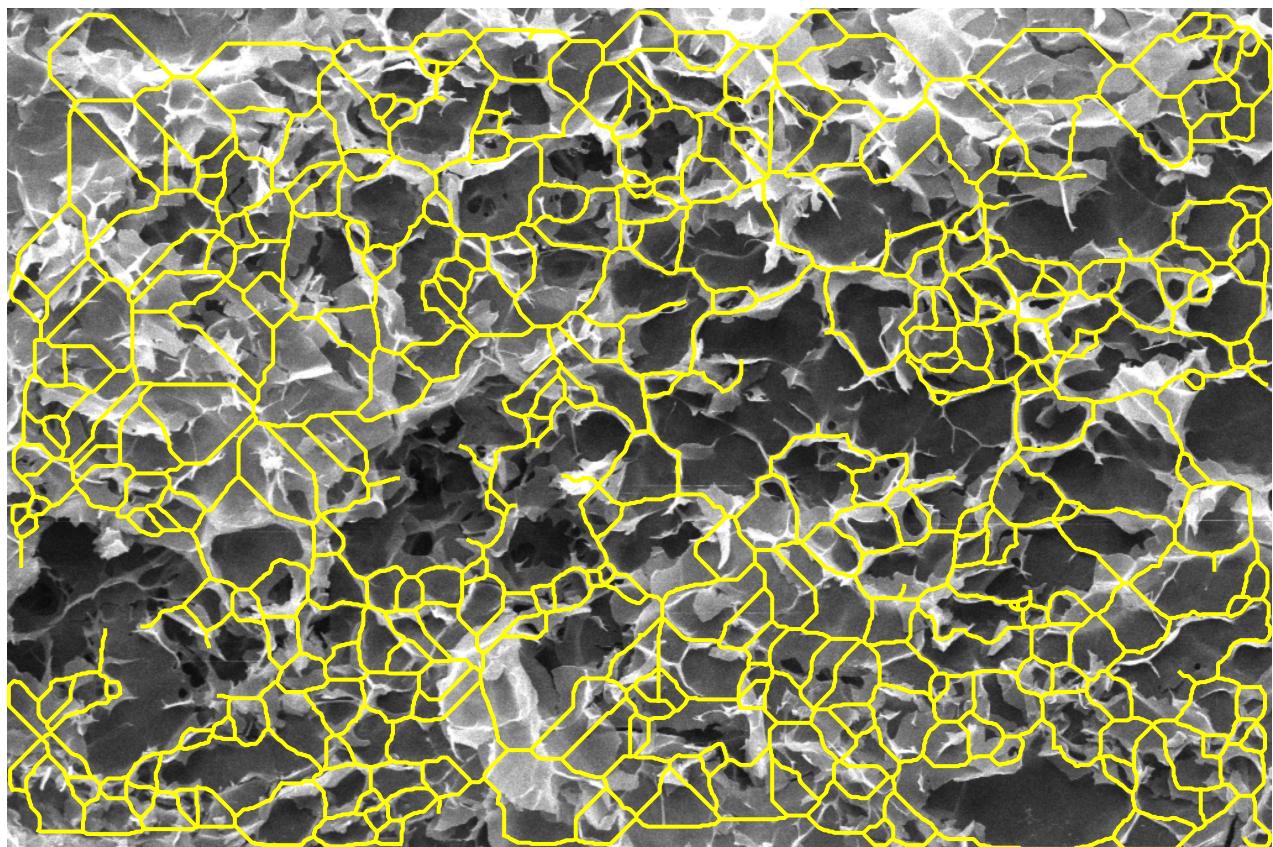
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



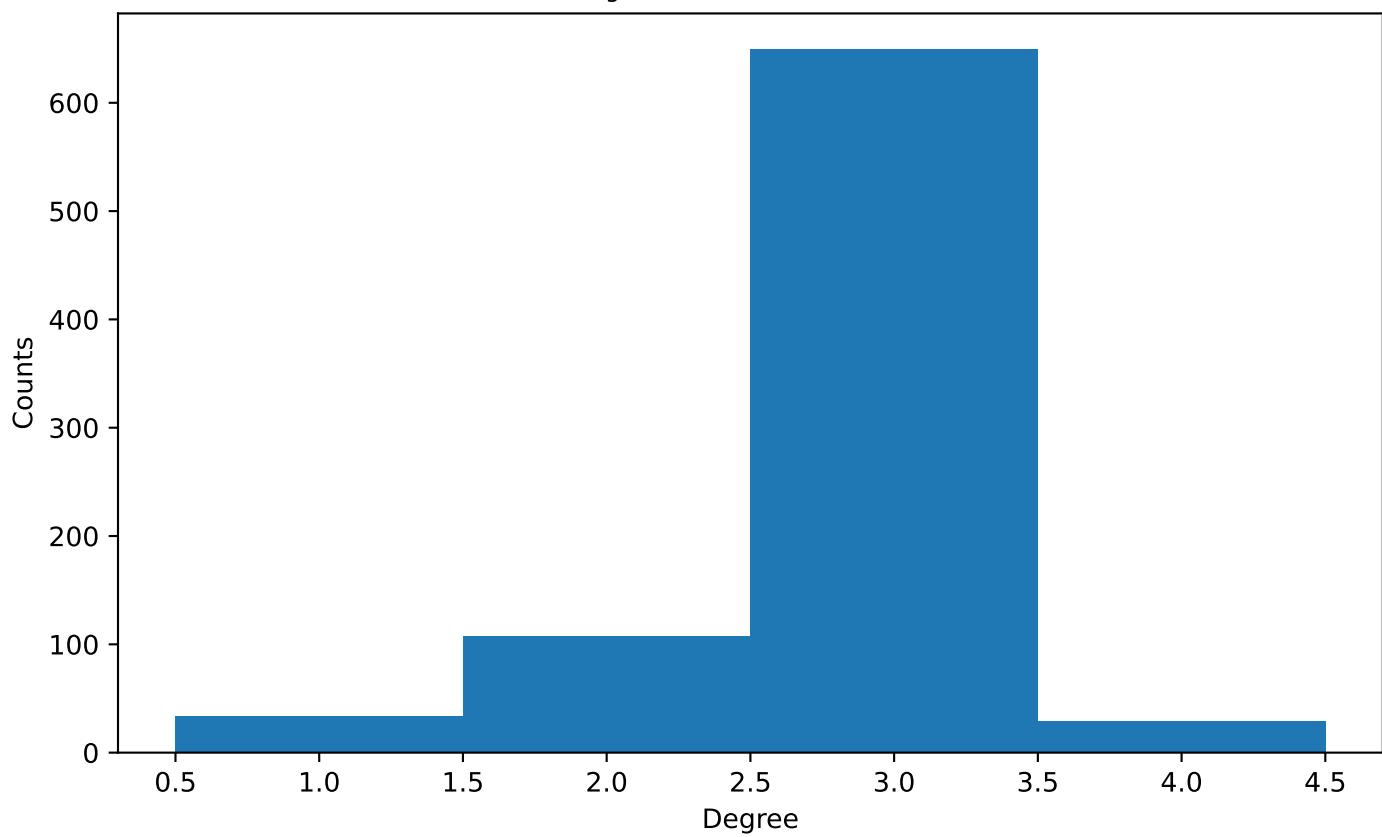
### Unweighted GT parameters

Number of nodes	821.0
Number of edges	1158.0
Average edge angle (degrees)	169.103
Median edge angle (degrees)	90.0
Average degree	2.82095
Network diameter	57.0
Graph density	0.00344

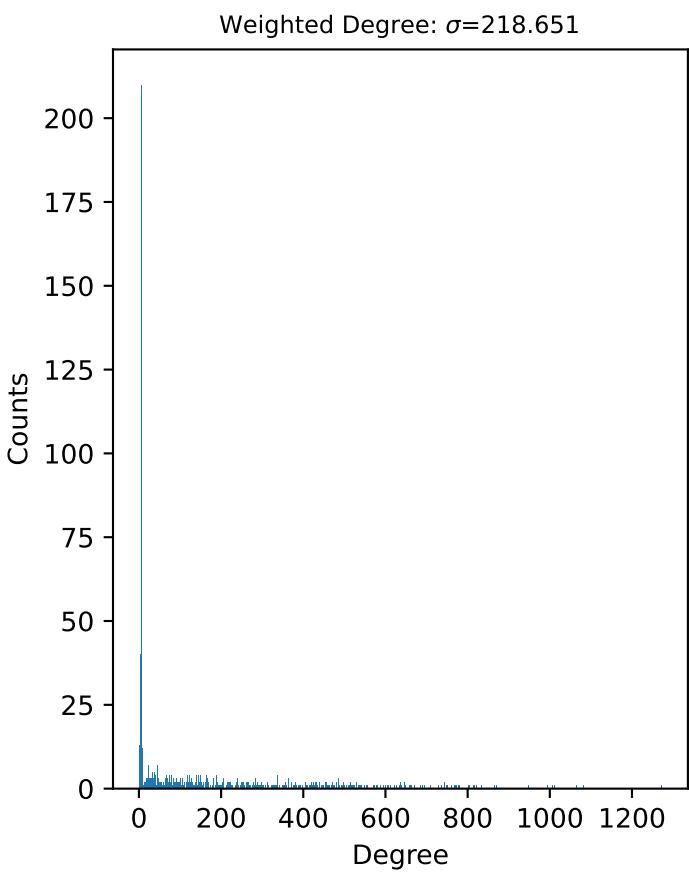
### Weighted GT parameters

Diameter-weighted average degree	172.20505
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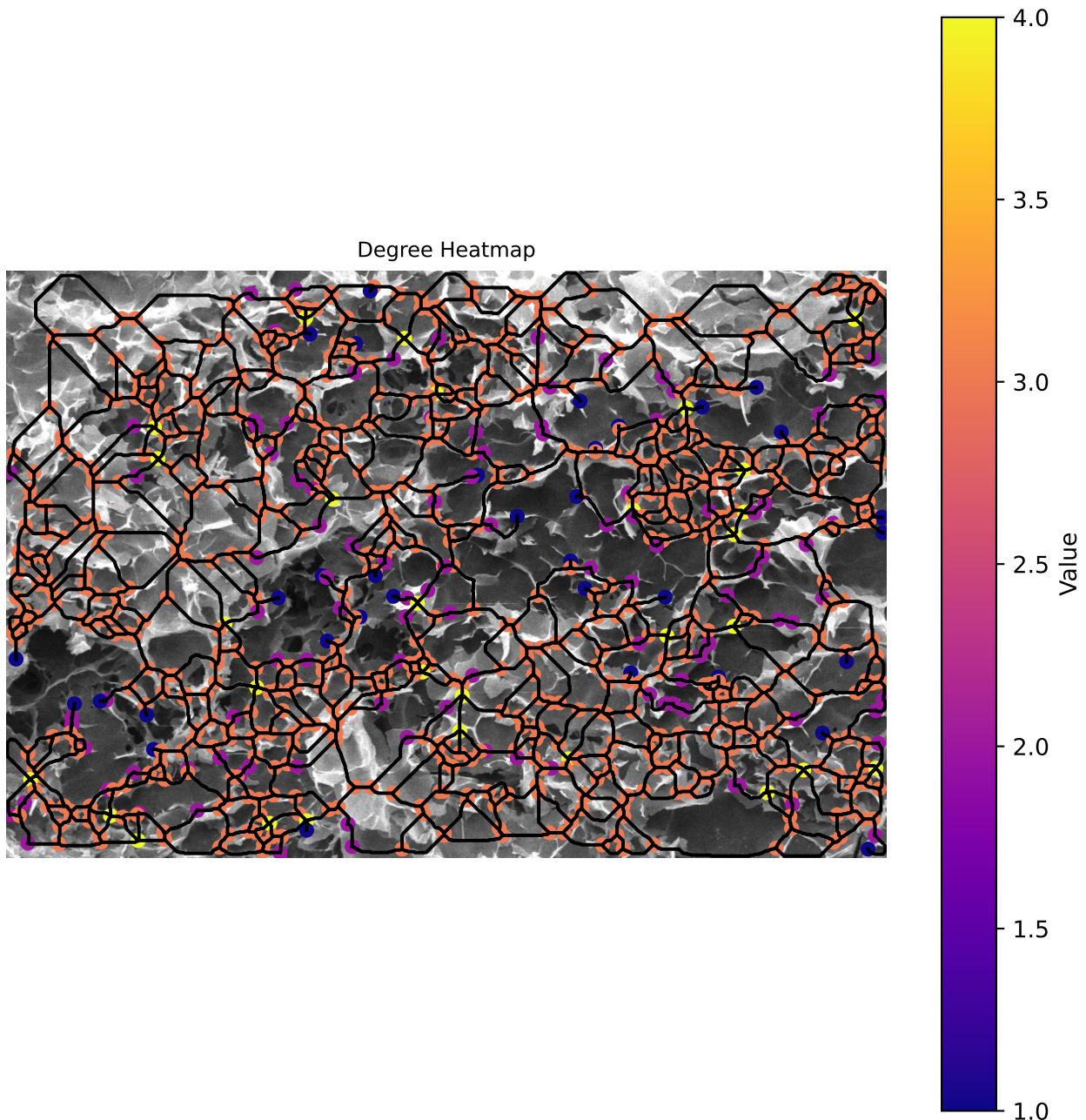
Degree Distribution:  $\sigma=0.548$



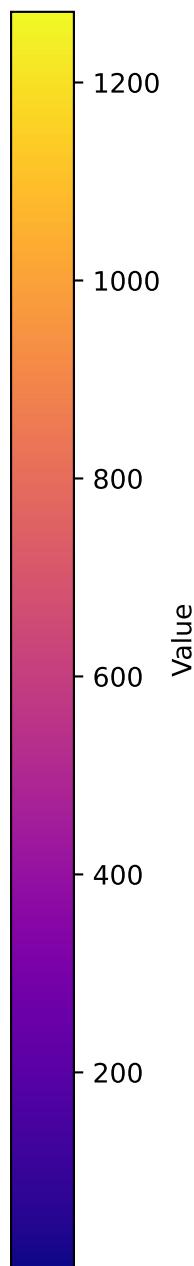
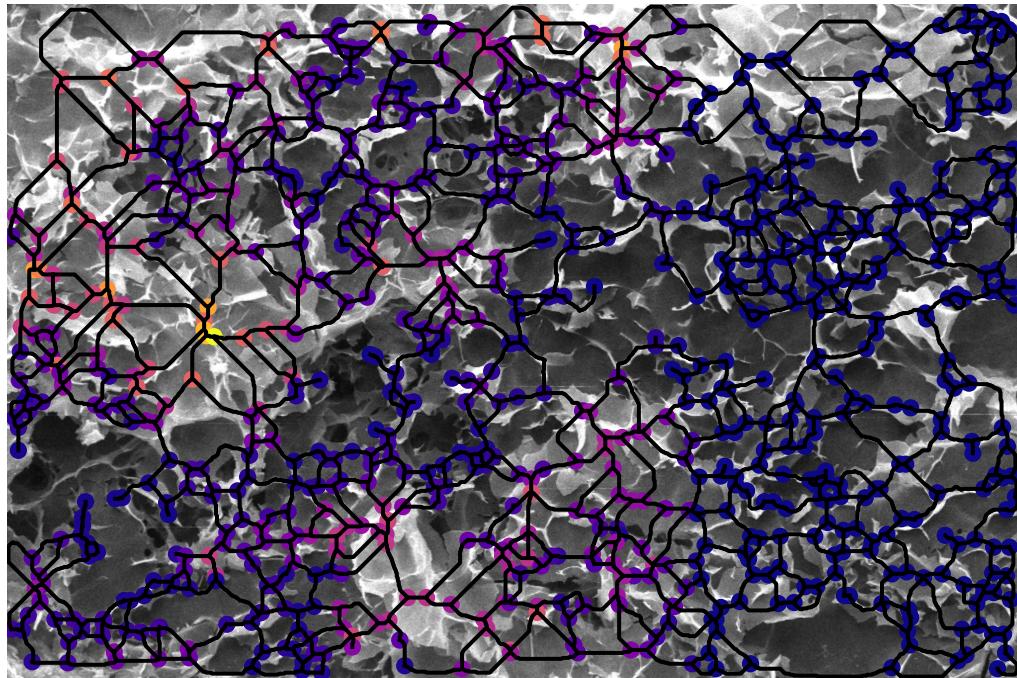




Degree Heatmap



Weighted Degree Heatmap



## Run Info

h (1).tif  
2025-06-05 15:17:15

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\*\*\*Image Filter Configurations\*\*\*  
Global Threshold (128.0) || Gamma = 4.04  
    Gaussian Blur, 5.0 bit kernel  
    Low-pass filter, 13 window size

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

\*\*\*Image Scale\*\*\*  
Size = 682 x 1024 px || Scale Factor = 0.6666666666666666

\*\*\*Graph Extraction Configurations\*\*\*  
Weight Type: Diameter || Merge Nodes || Prune Dangling Edges  
    Remove Objects of Size = 500 || Remove Self Loops