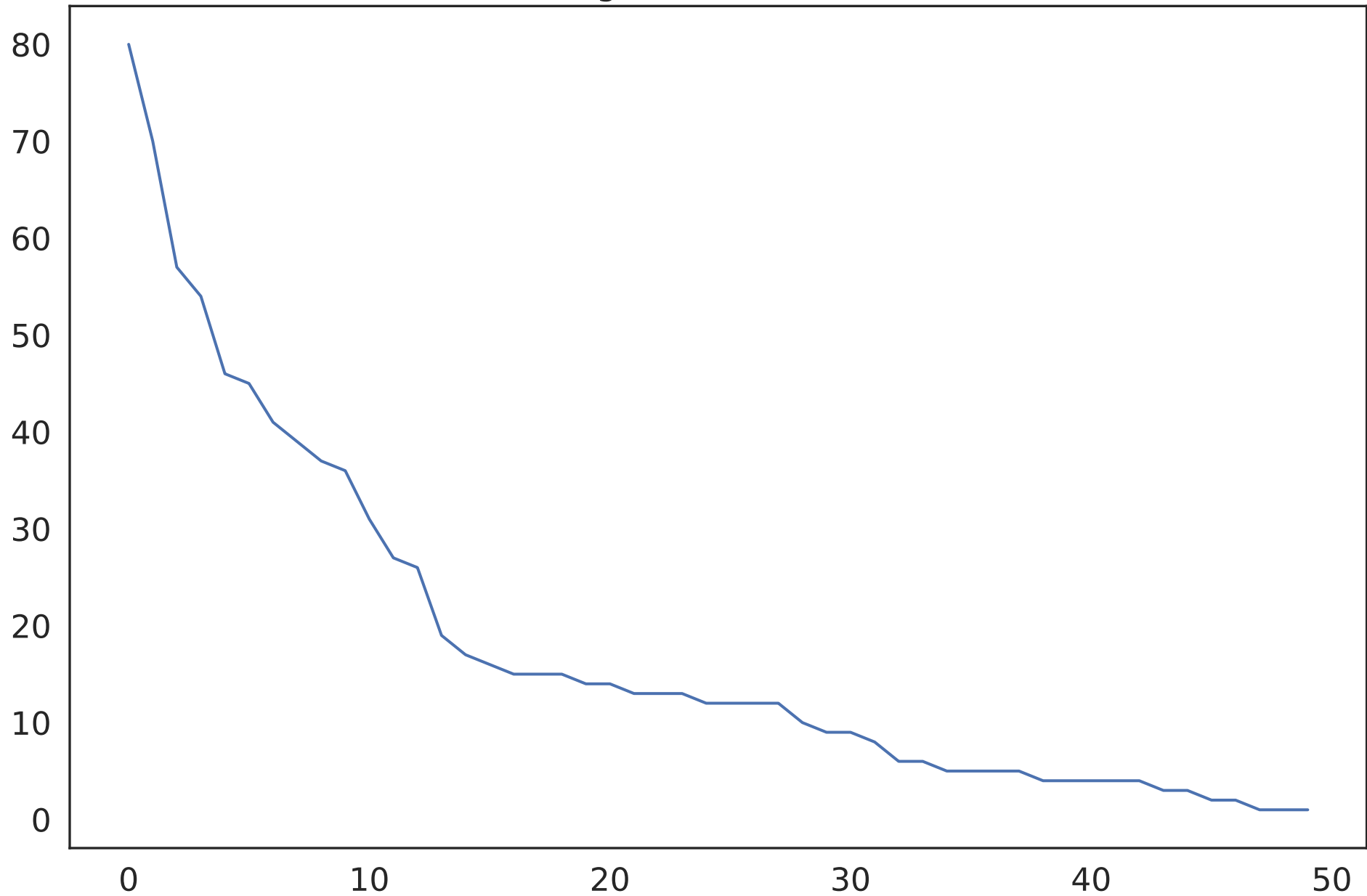
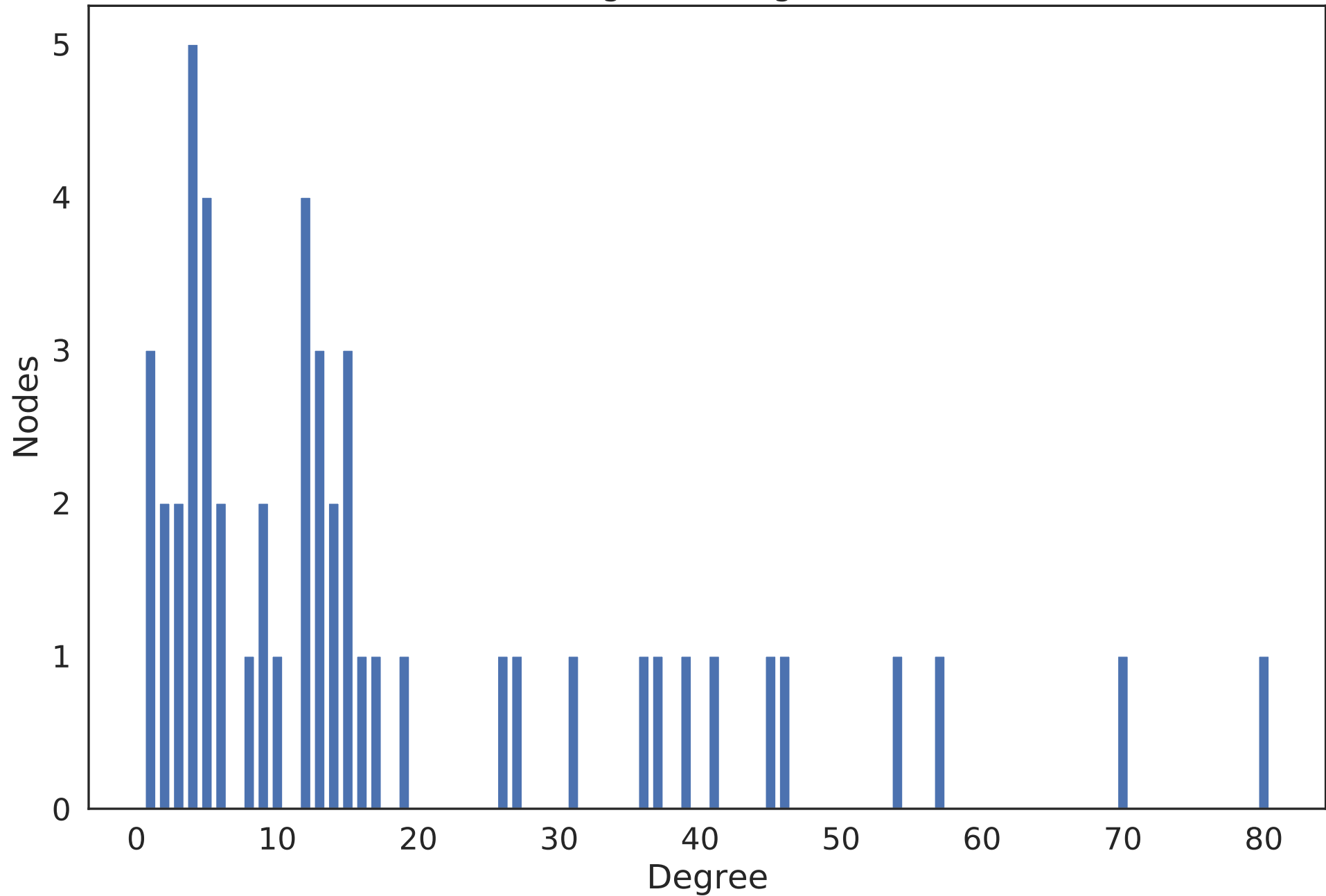


# Degree distribution visualisations

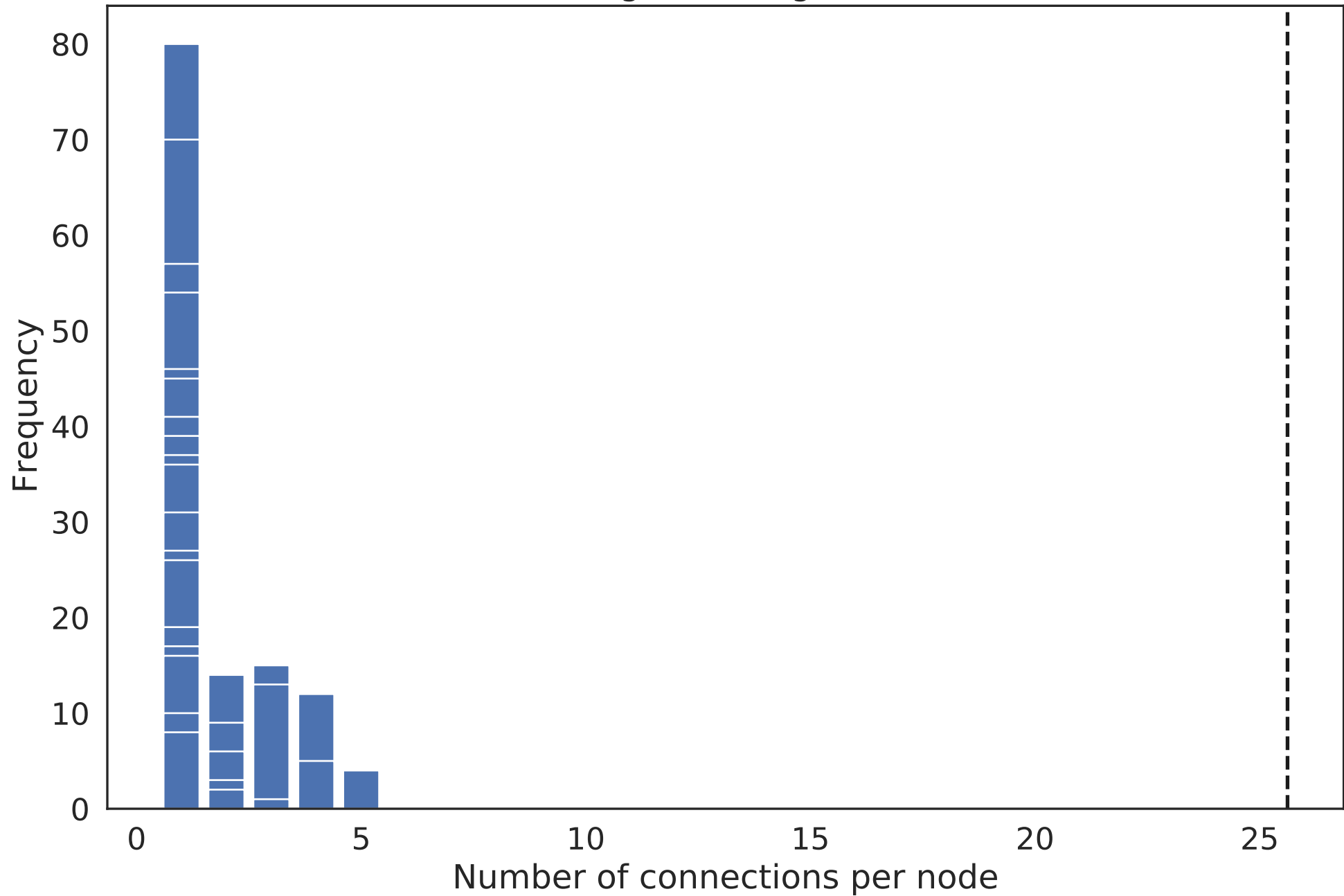
Degree Distribution



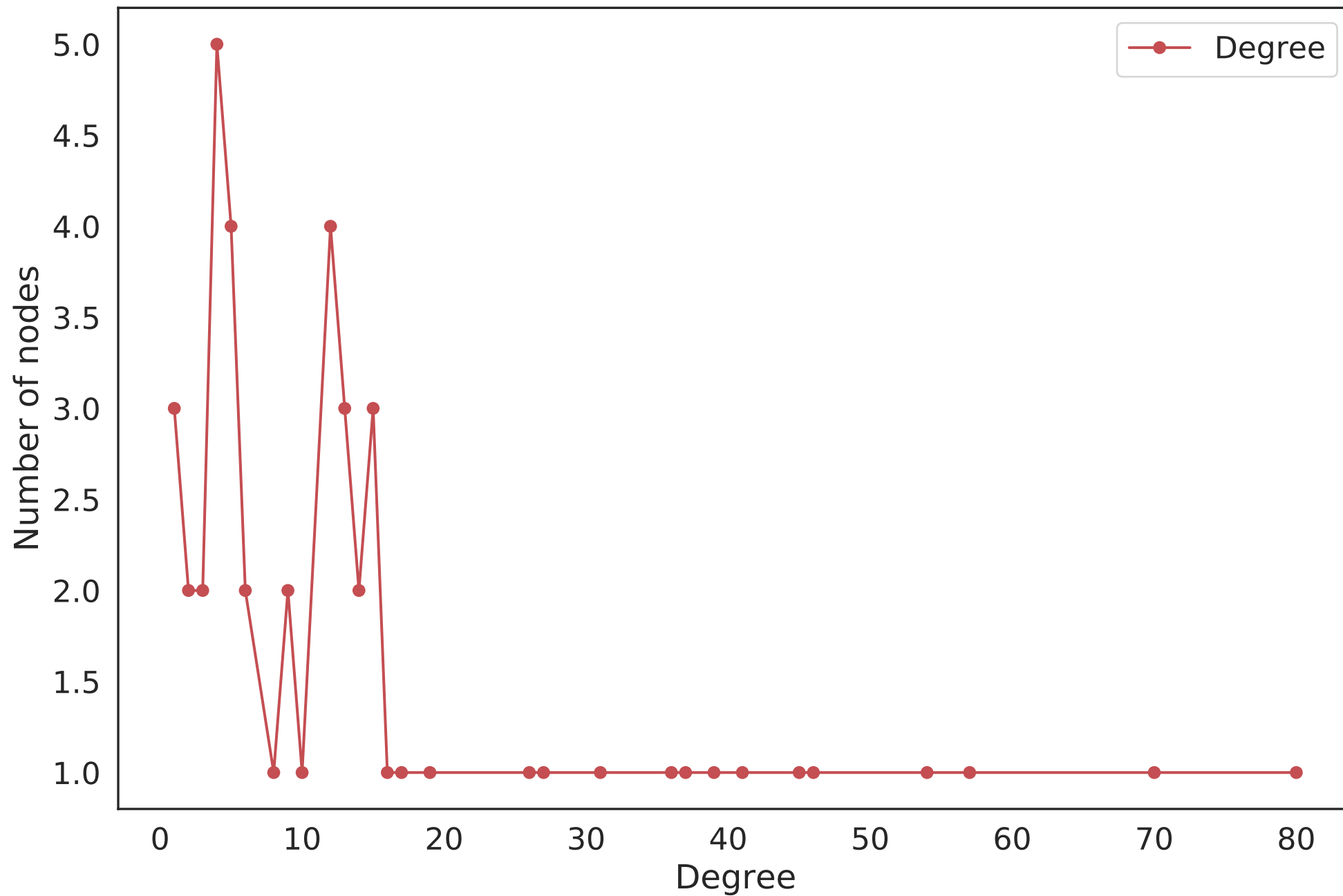
Degree Histogram

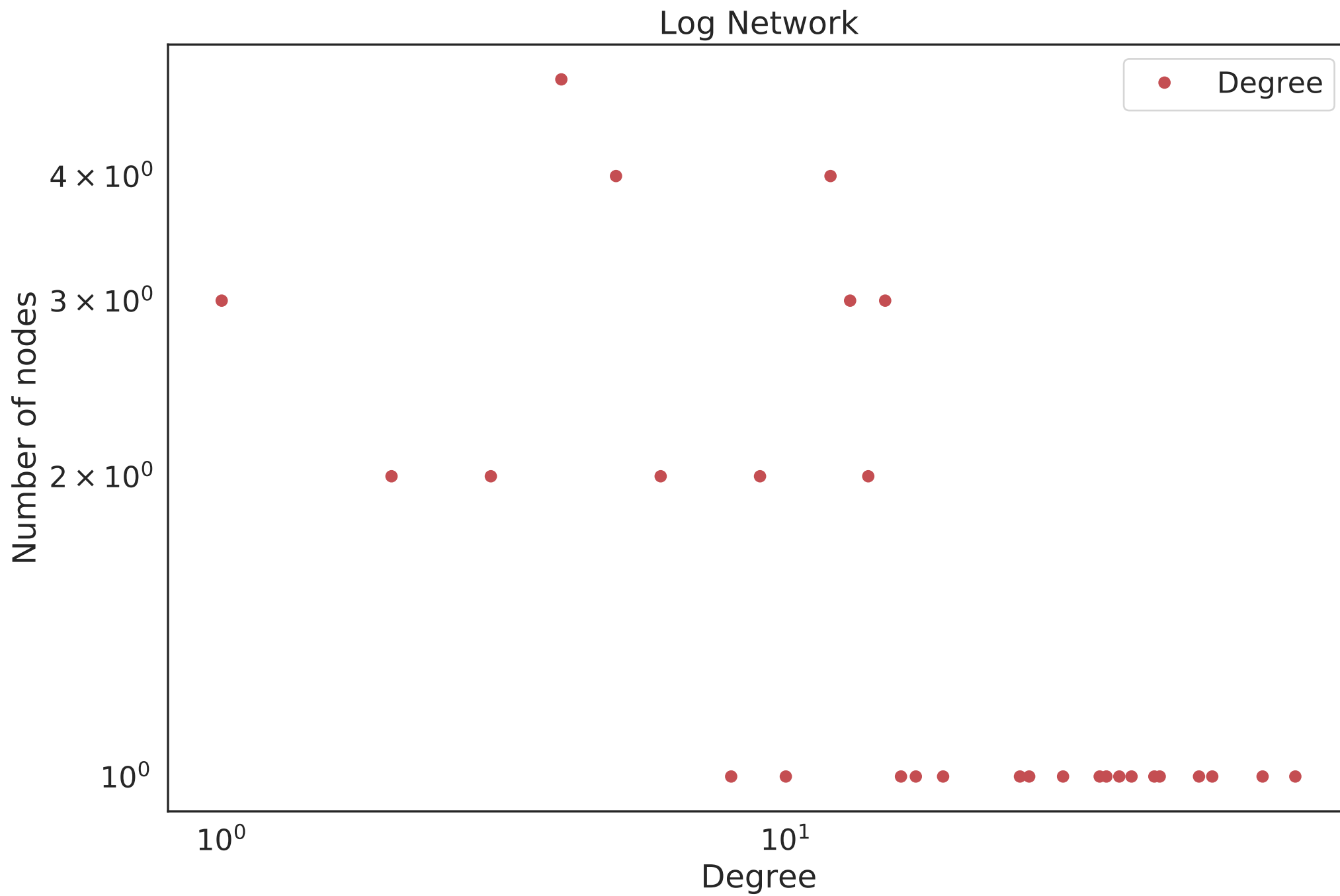


Degree Histogram

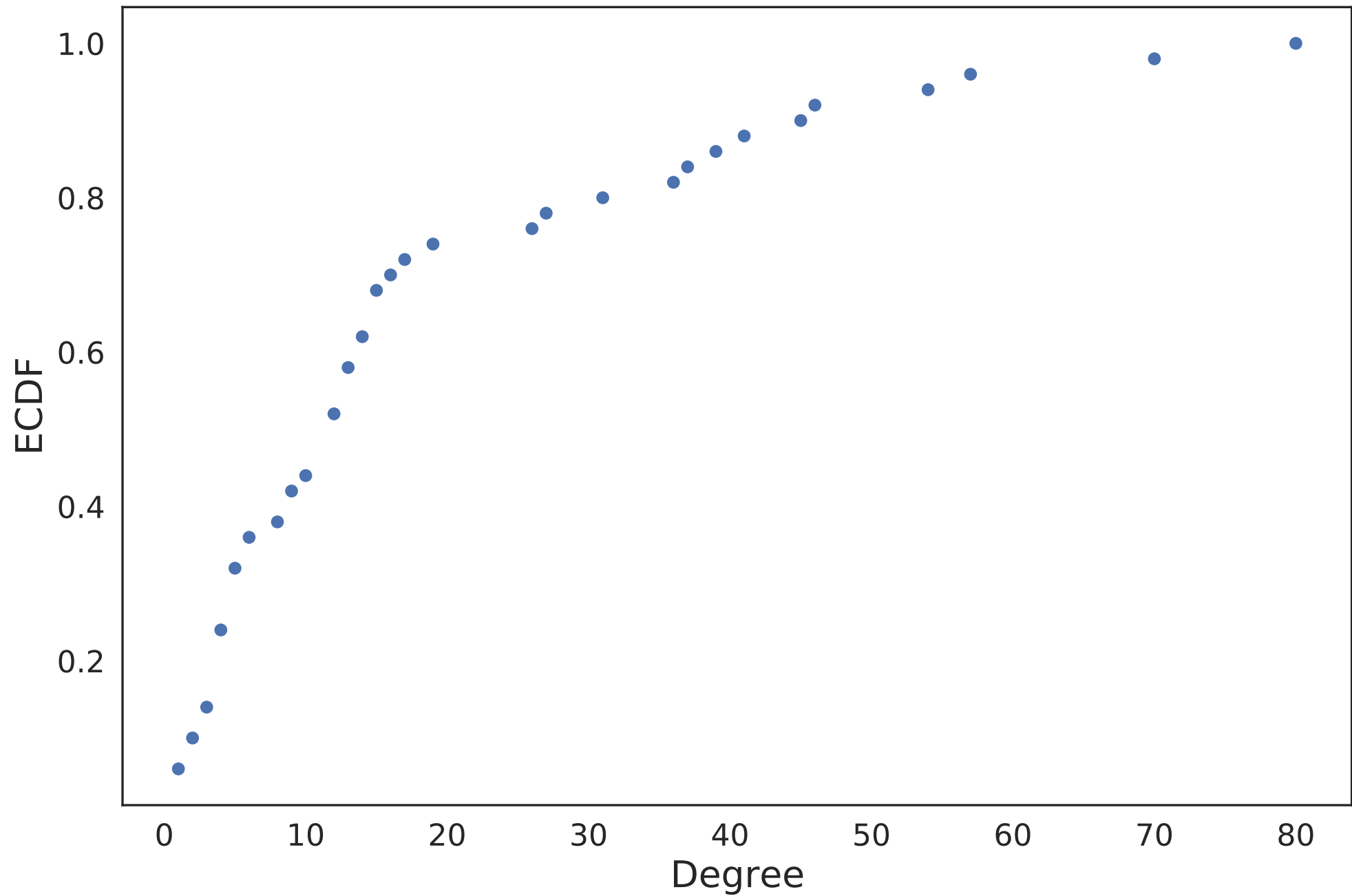


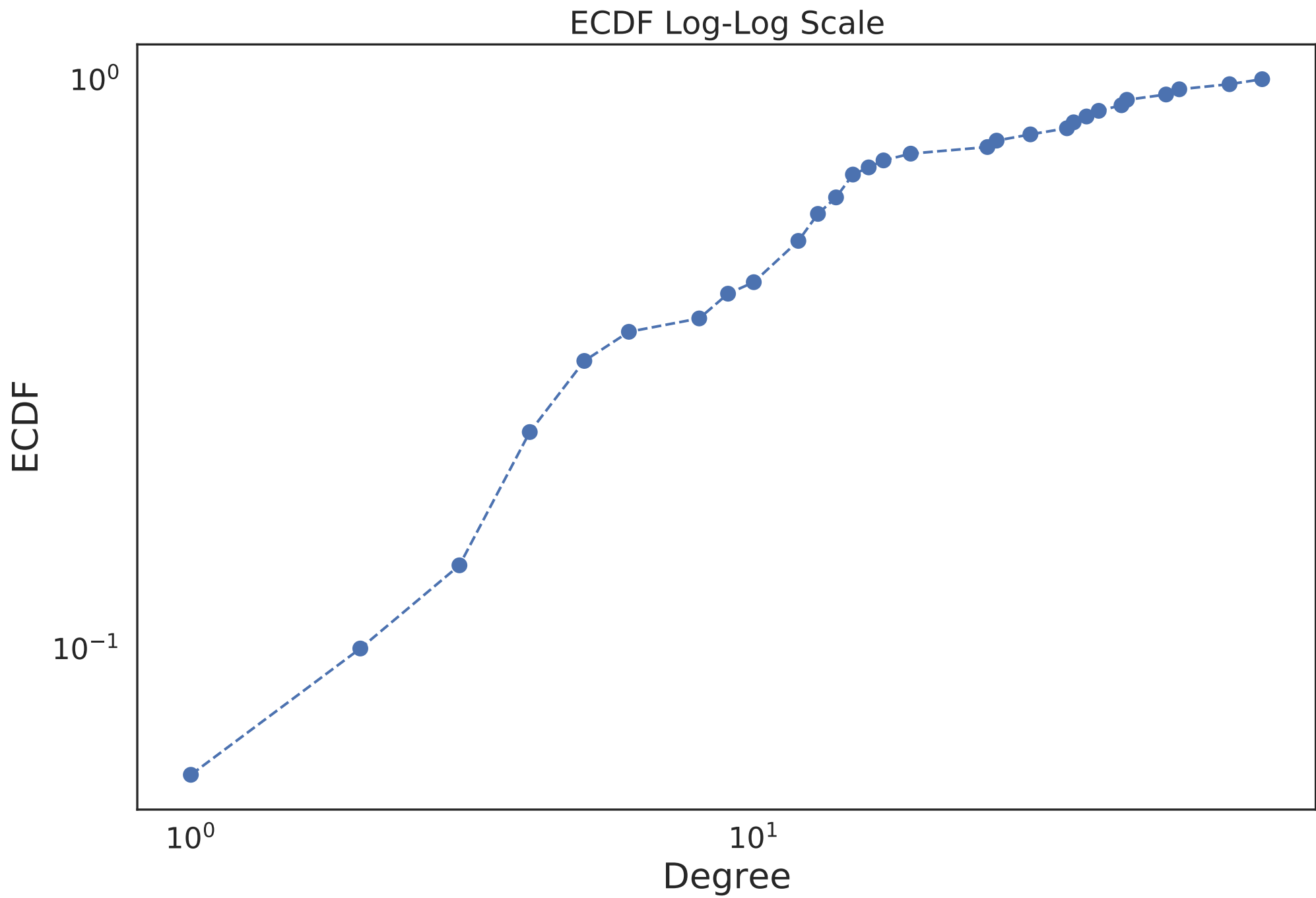
Network

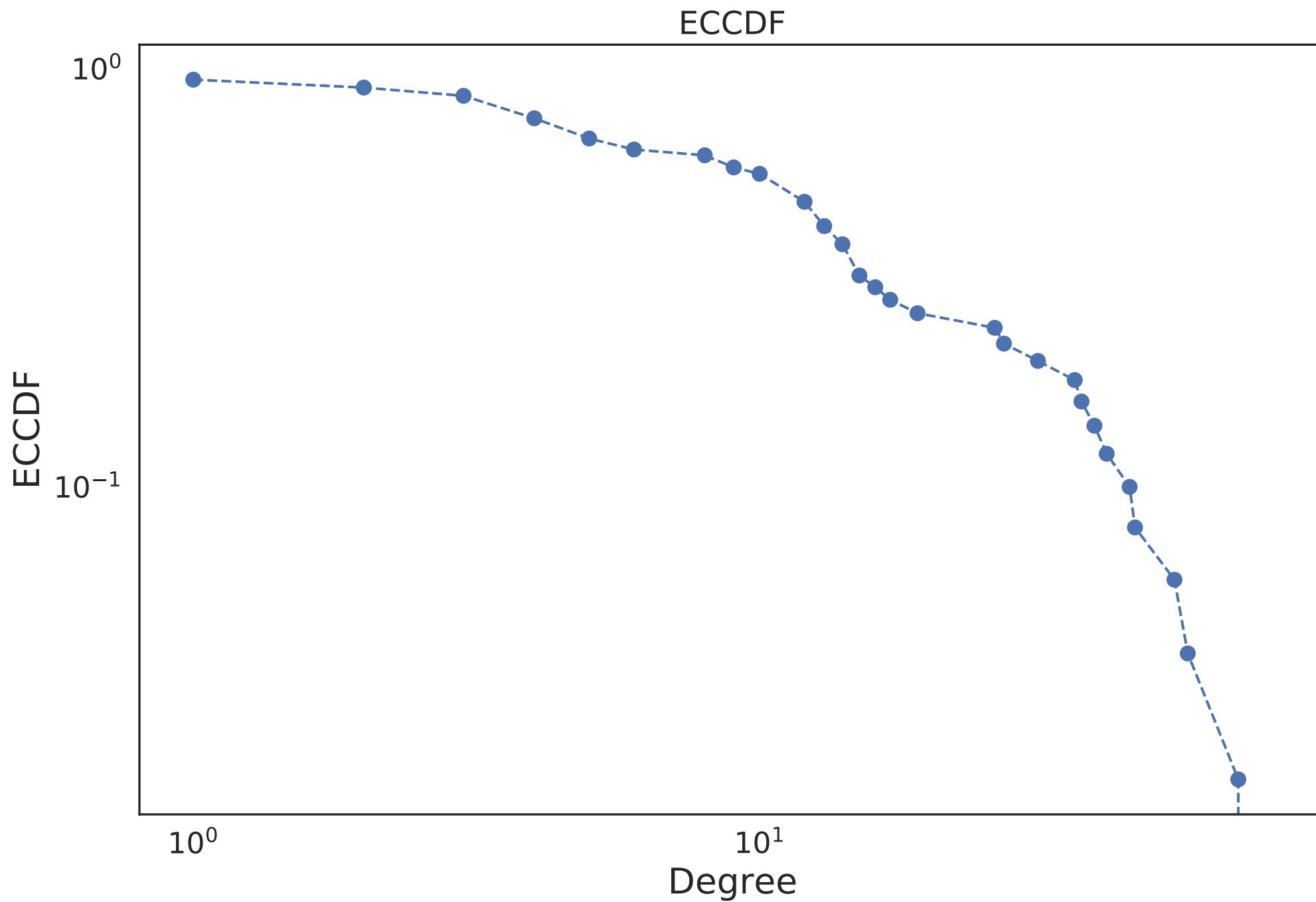




ECDF Linear Scale

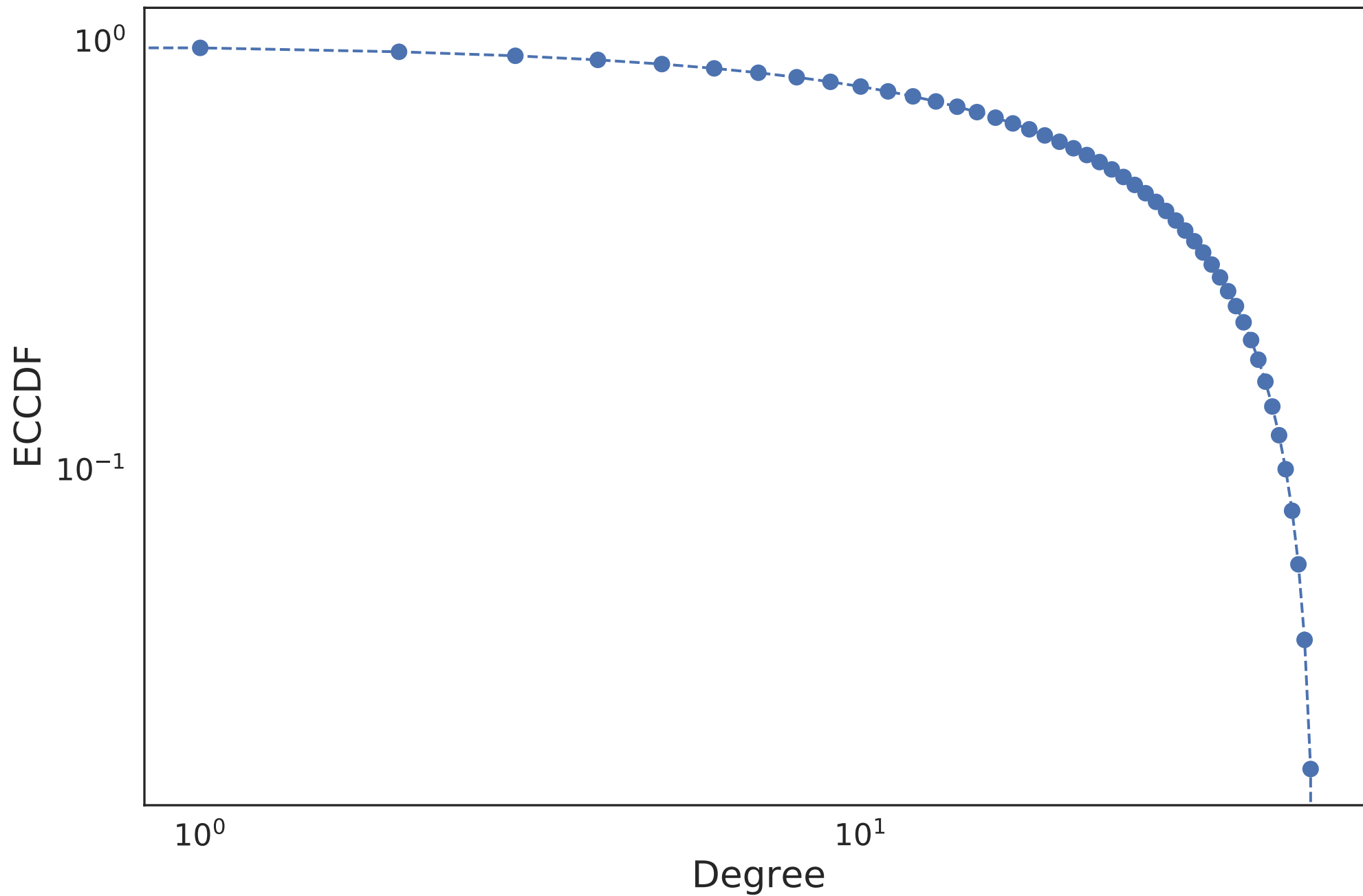








ECCDF Scale Free Network



ECCDF comparison Network vs. Random Network vs. Scale Free Network

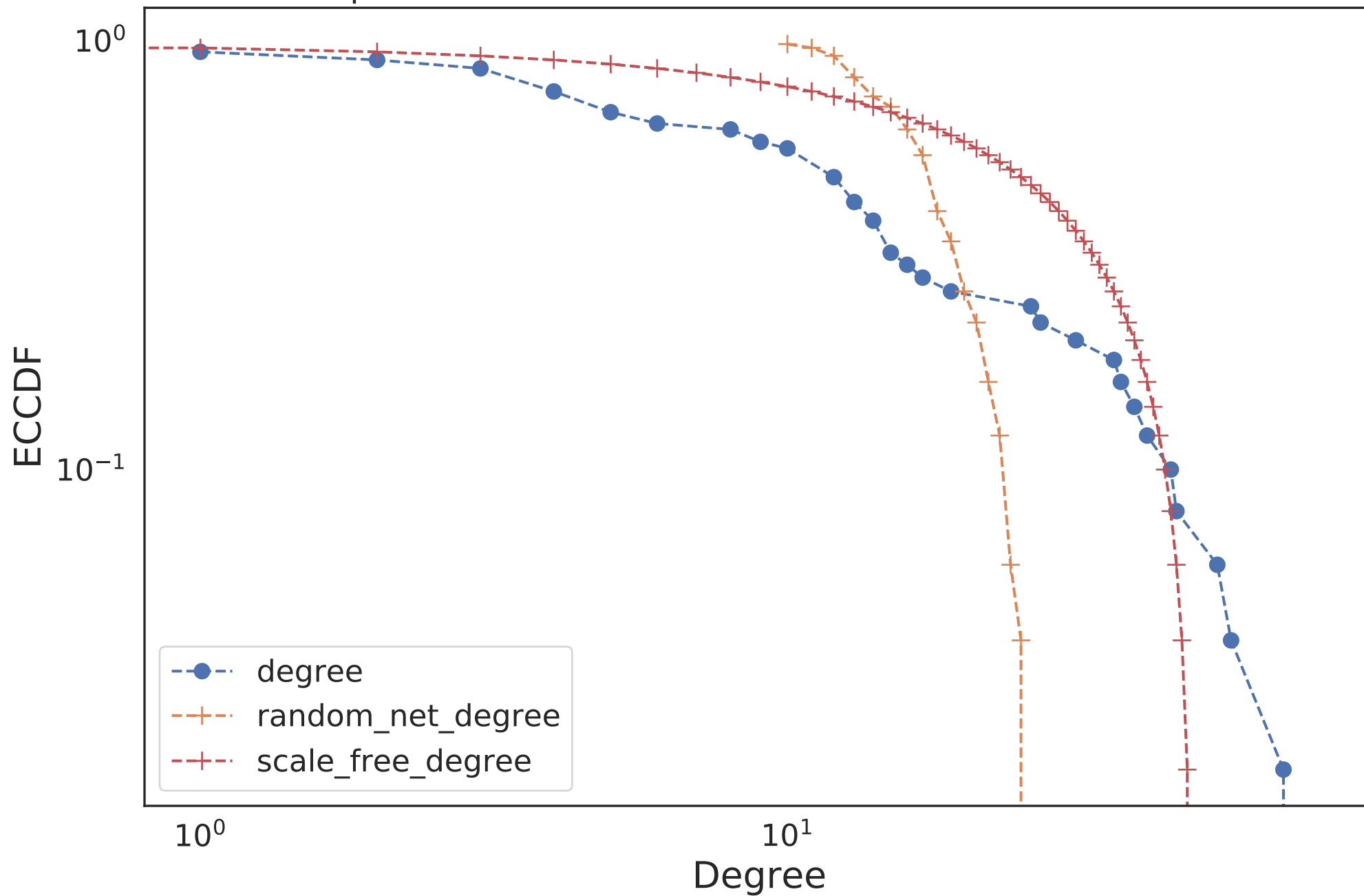
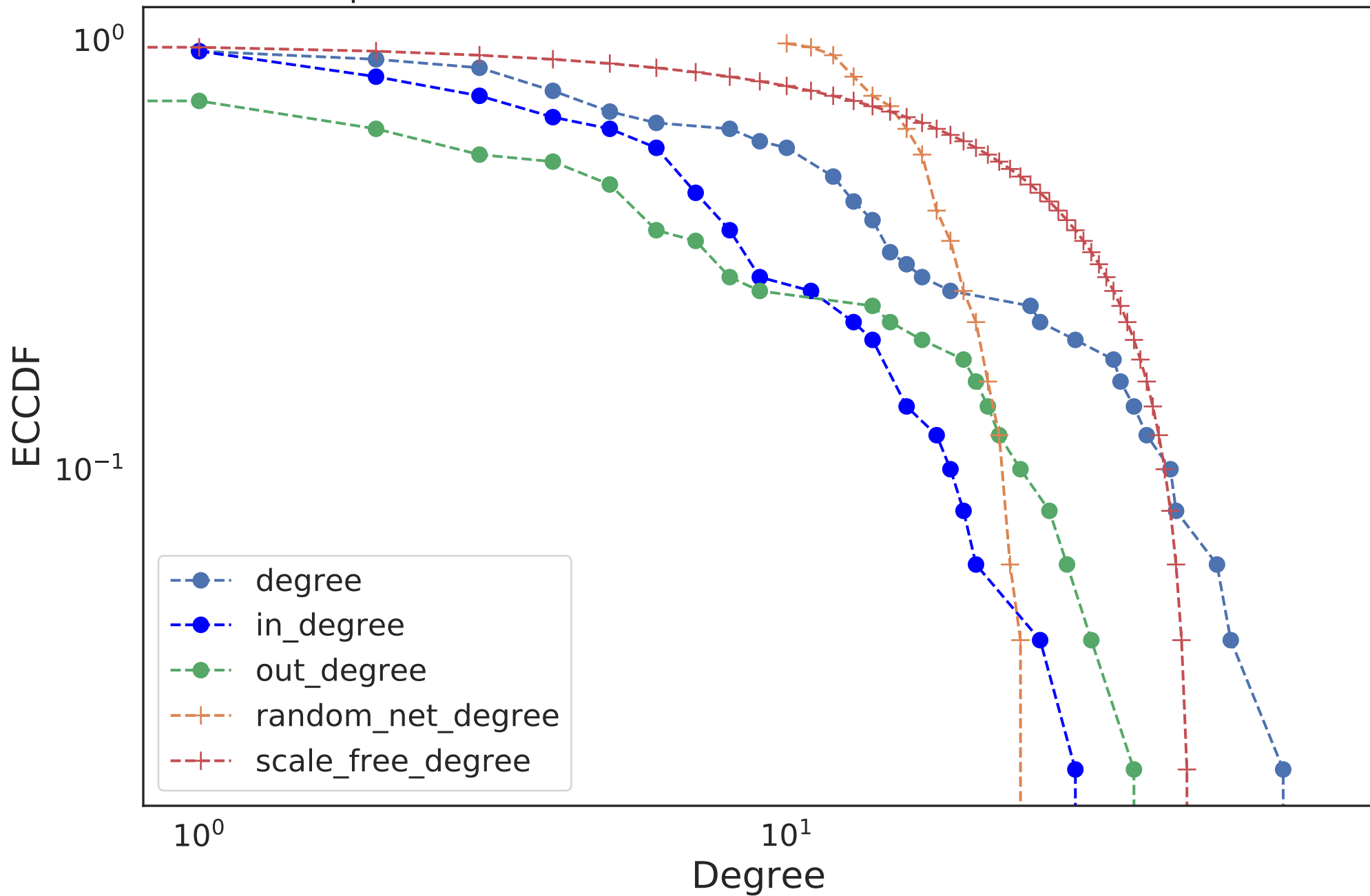
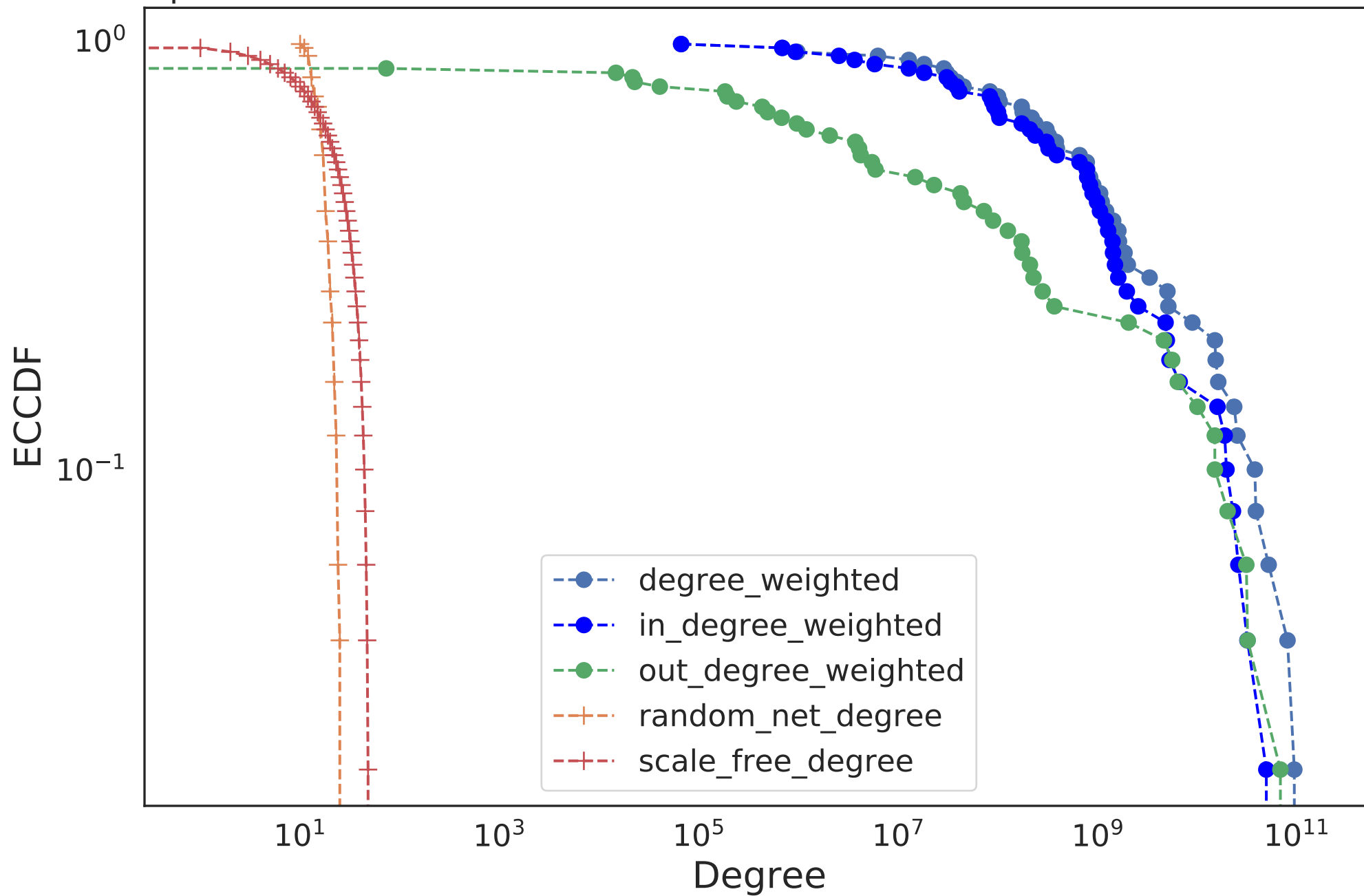


Figure 1: A line graph showing the evolution of average degree, in-degree, and out-degree for a network over 100 iterations. The x-axis represents iterations from 0 to 100, and the y-axis represents the degree value from 0 to 10. Five data series are plotted: 'degree' (blue dashed line with circles), 'in\_degree' (blue dashed line with circles), 'out\_degree' (green dashed line with circles), 'random\_net\_degree' (orange dashed line with plus signs), and 'scale\_free\_degree' (red dashed line with plus signs). All series show a general downward trend. 'scale\_free\_degree' starts at approximately 10 and ends at approximately 5. 'random\_net\_degree' starts at approximately 10 and ends at approximately 5. 'degree' starts at approximately 10 and ends at approximately 5. 'in\_degree' starts at approximately 10 and ends at approximately 5. 'out\_degree' starts at approximately 10 and ends at approximately 5.



ECCDF comparison Network vs. Random Network vs. Scale Free Network - WEIGHTED Degrees



## Infos

Number of nodes: 50  
Number of links: 449  
Random Net Standard deviation: 4.251870176757517  
Random Net Mean: 17.96  
Random Net Median: 18.0  
Random Net Min: 10  
Random Net Max: 28