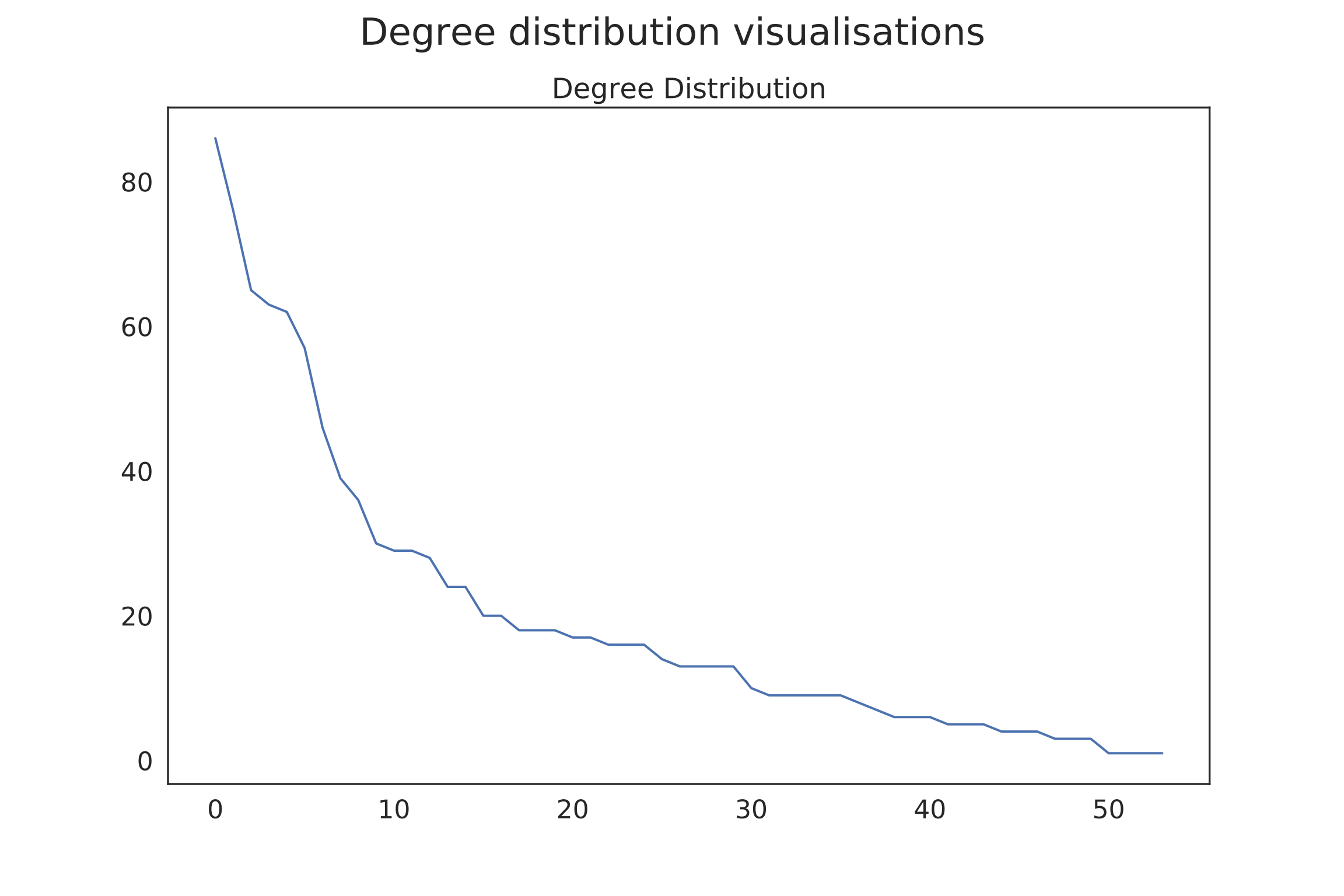
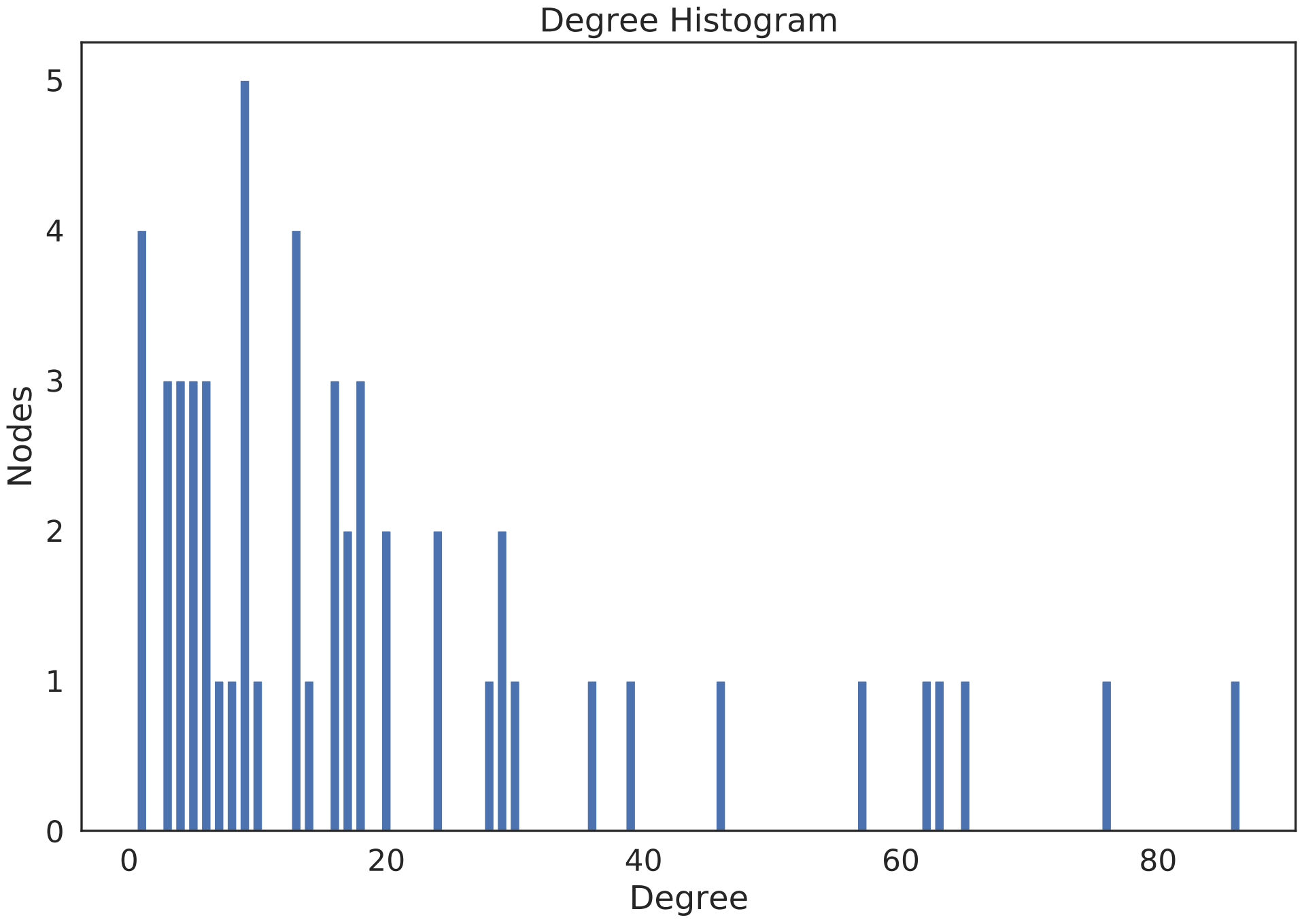
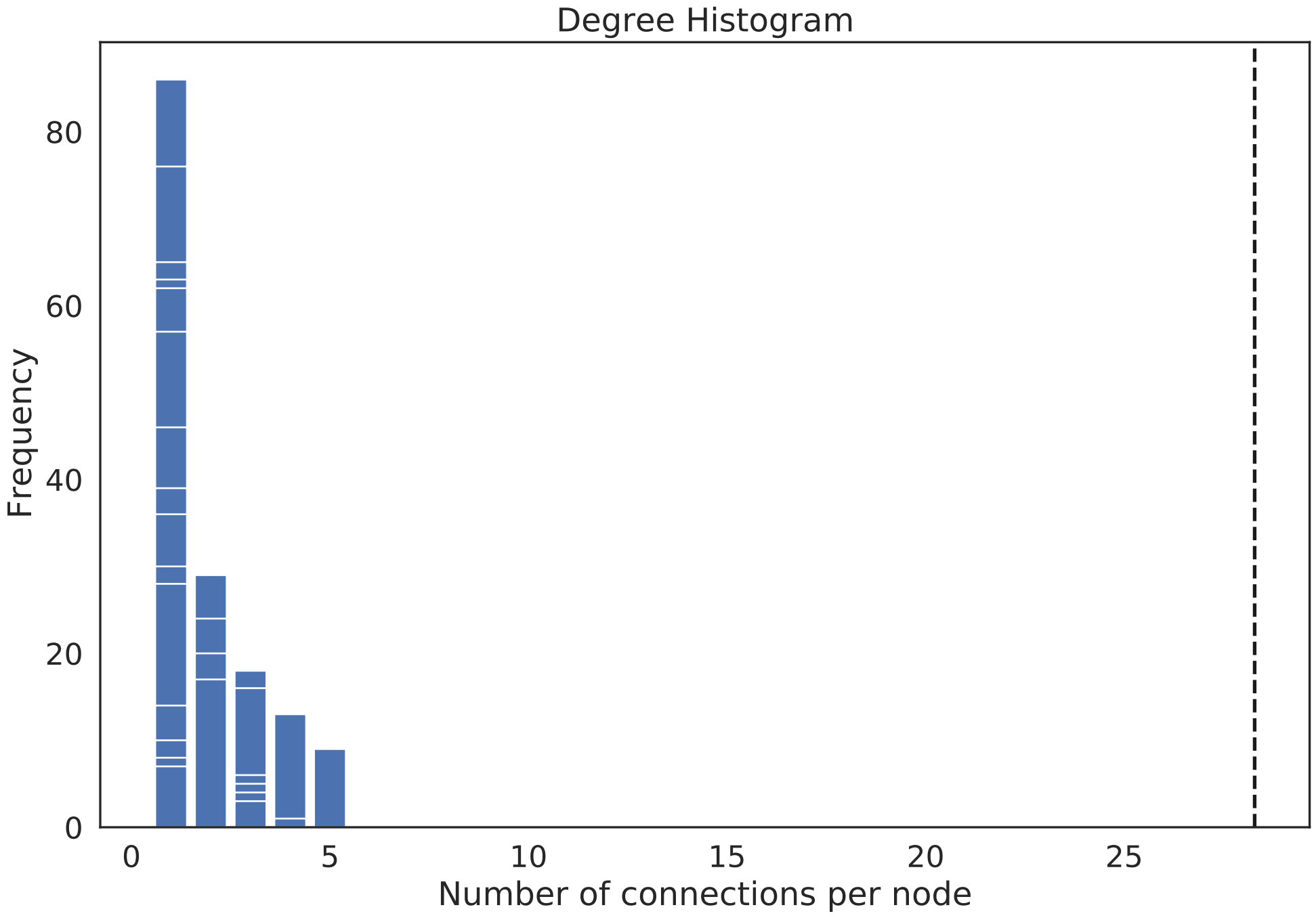
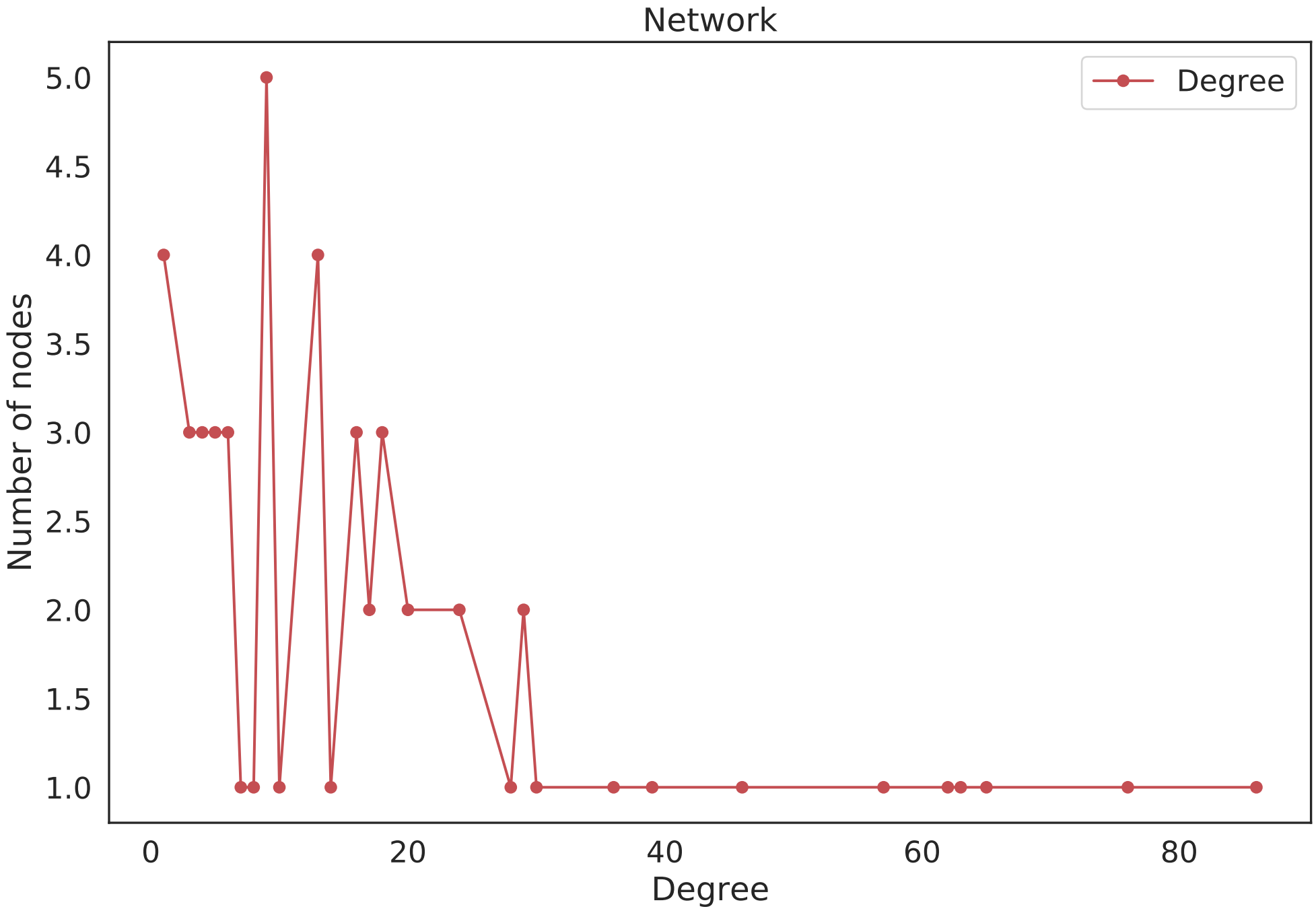
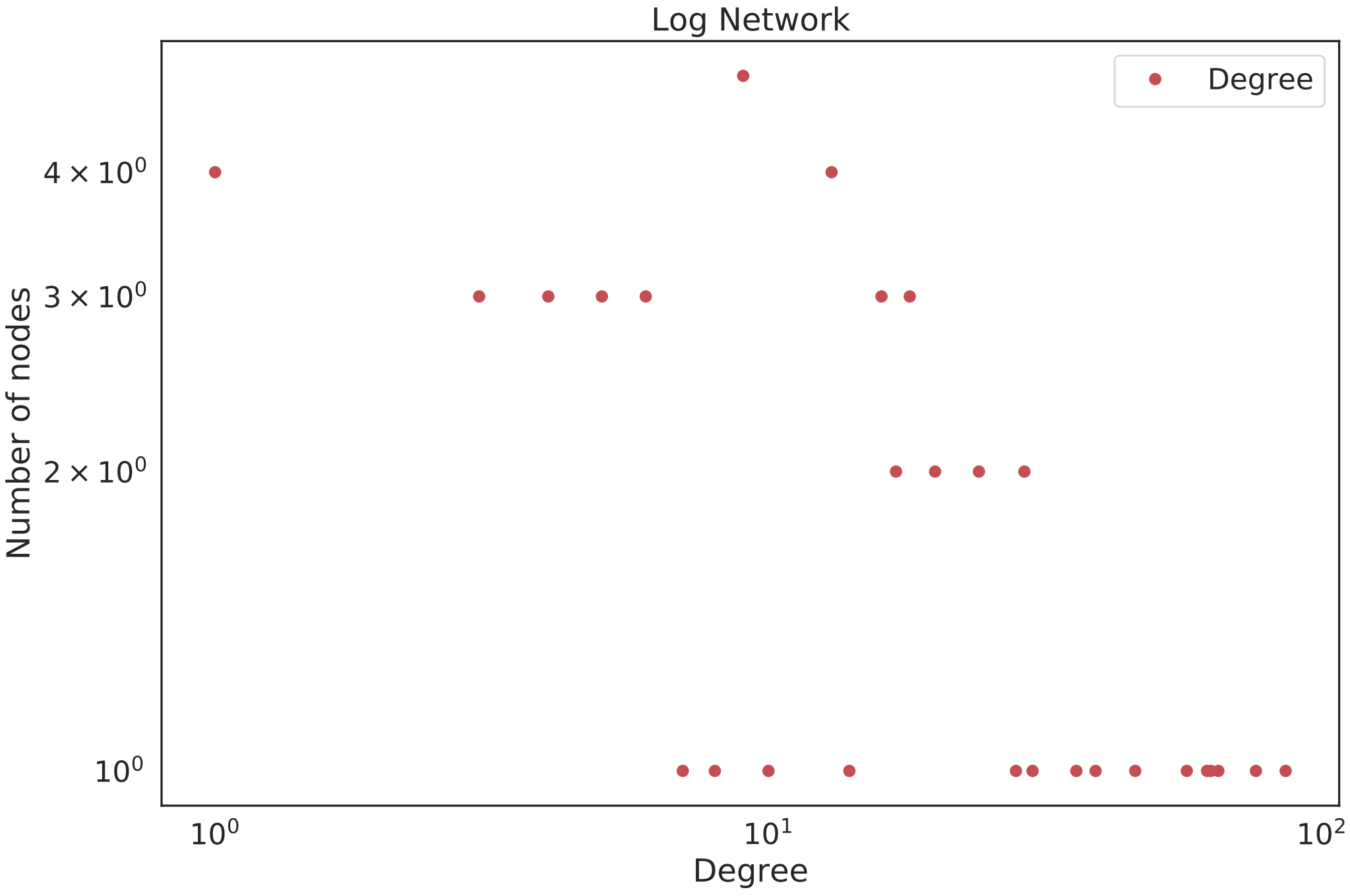
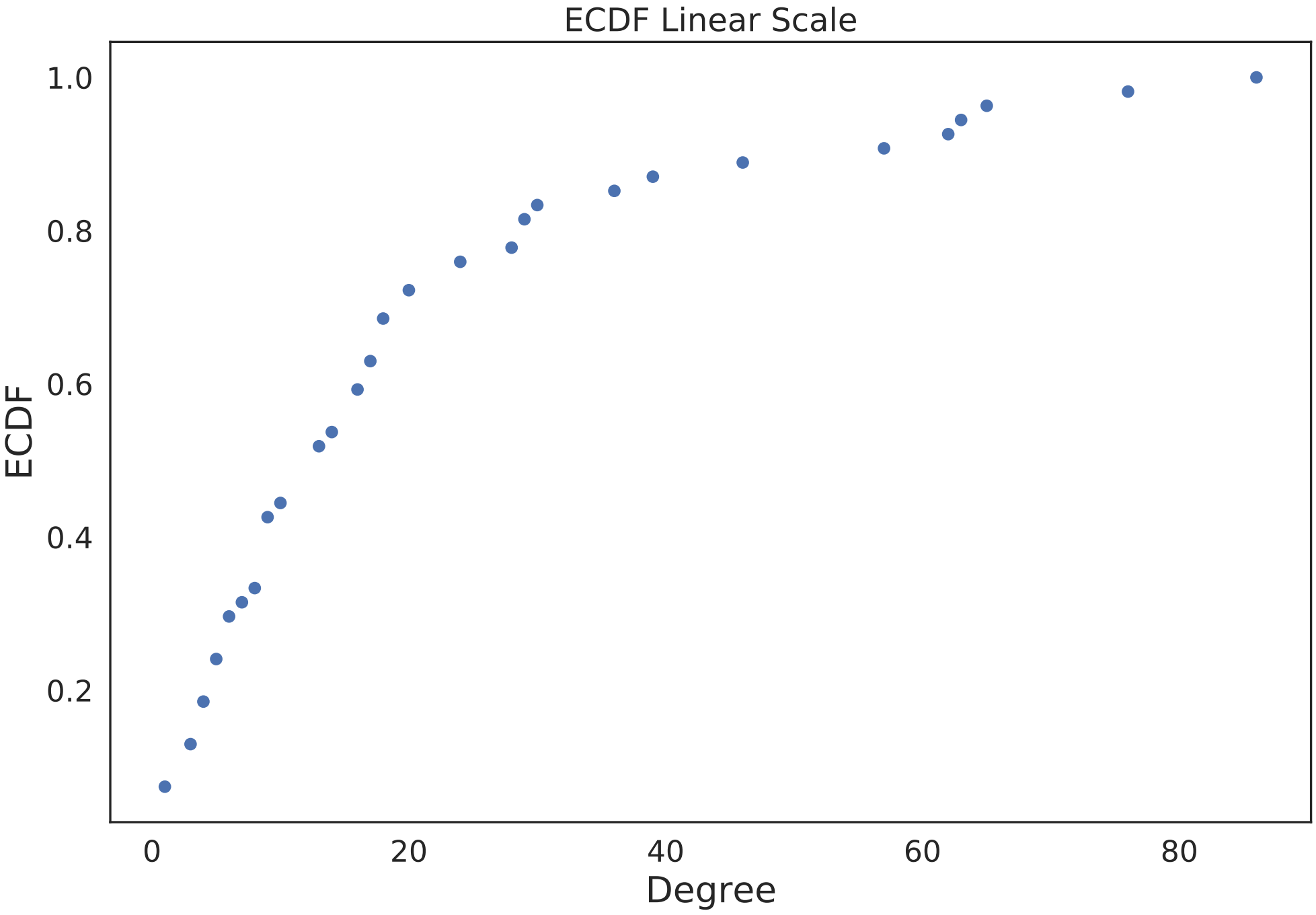

Degree distribution visualisations
Degree Distribution
80
60
40
20
0
0
10
20
30
40
50

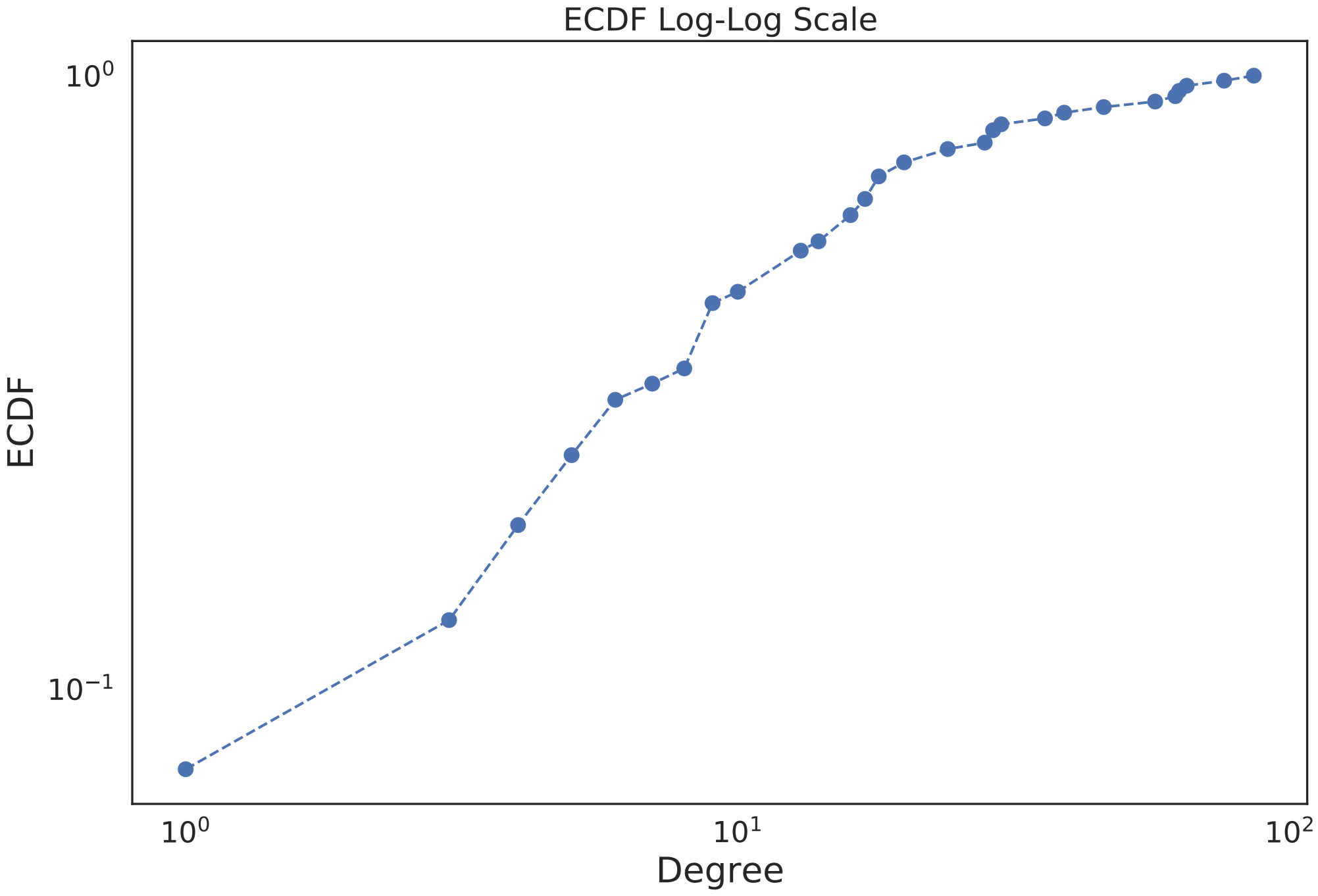

Degree Histogram
Nodes
Degree
0
1
2
3
4
5
0
20
40
60
80

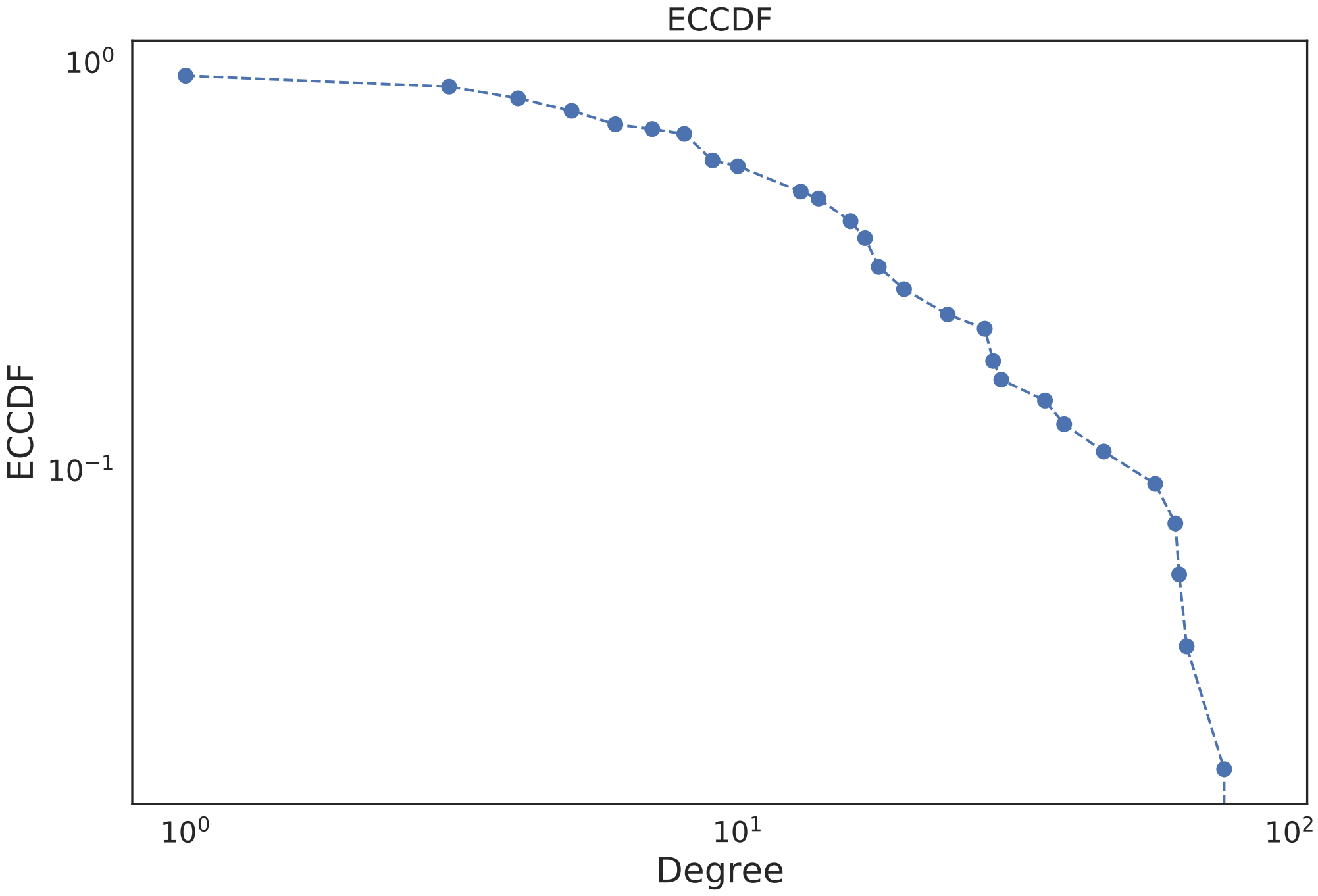

Degree Histogram
Frequency
0
20
40
60
80
0
5
10
15
20
25
Number of connections per node

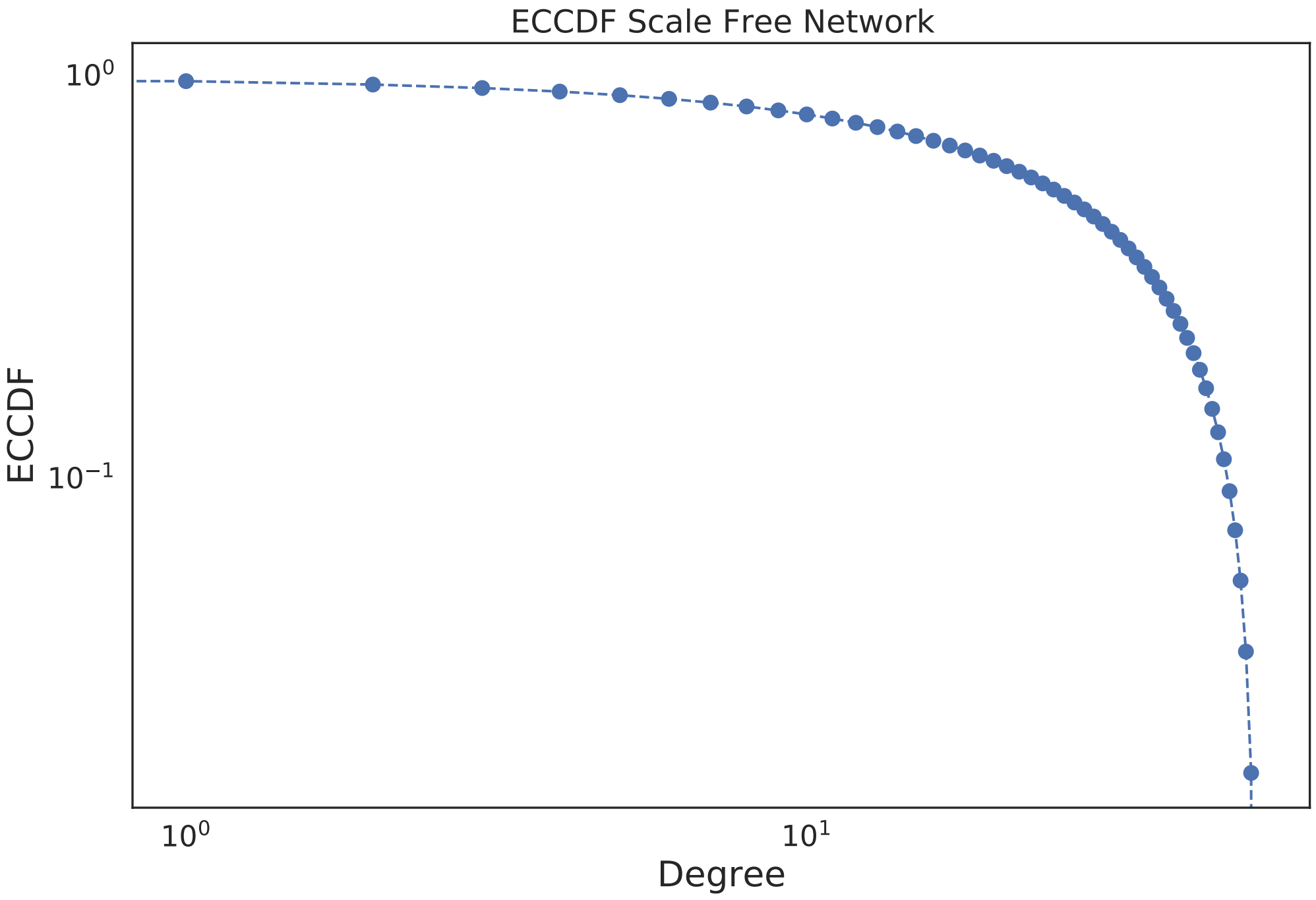

Network
Degree
Number of nodes
Degree
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
20
40
60
80

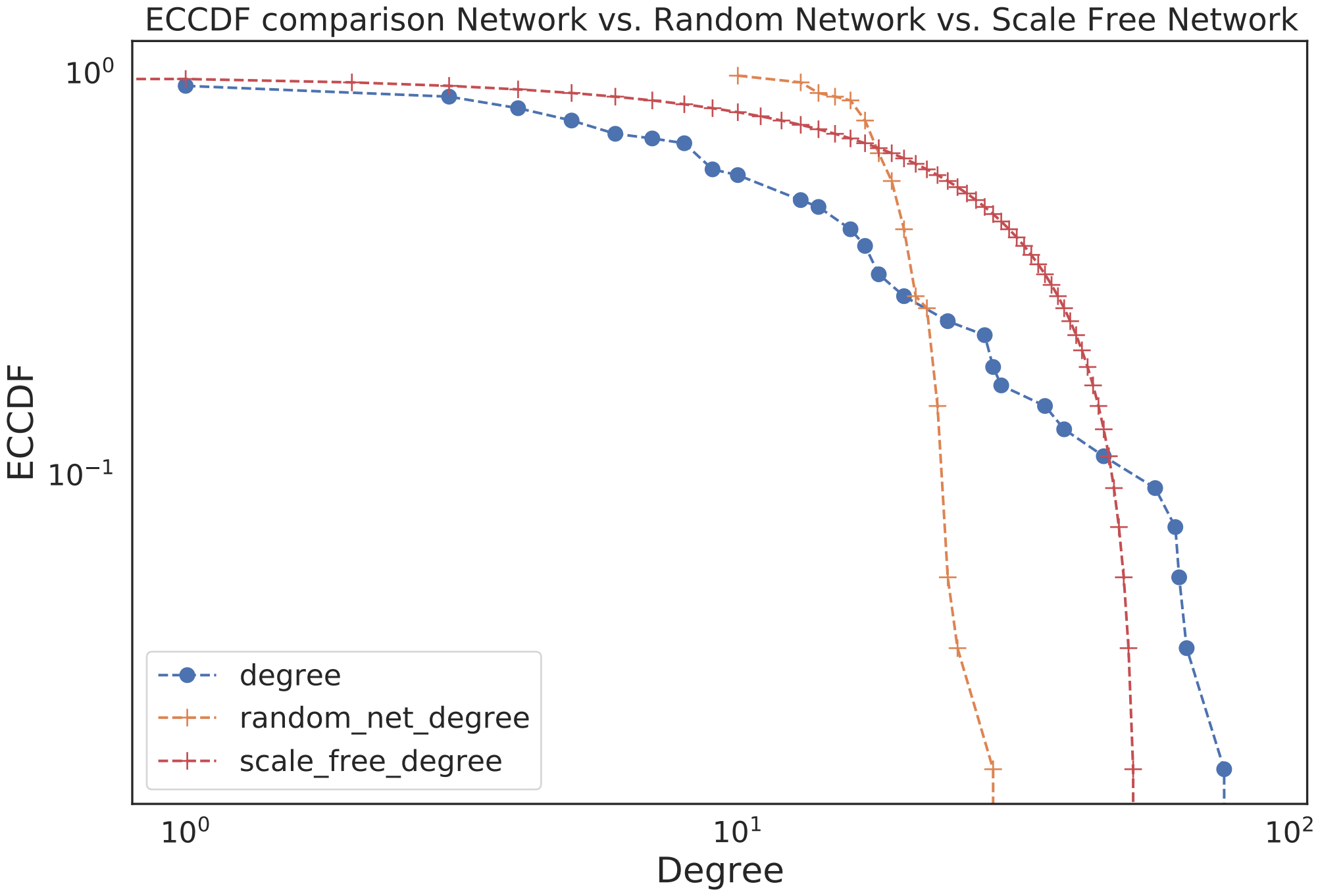

Log Network
Degree
4×10^0
3×10^0
2×10^0
10^0
Number of nodes
10^0
10^1
10^2
Degree

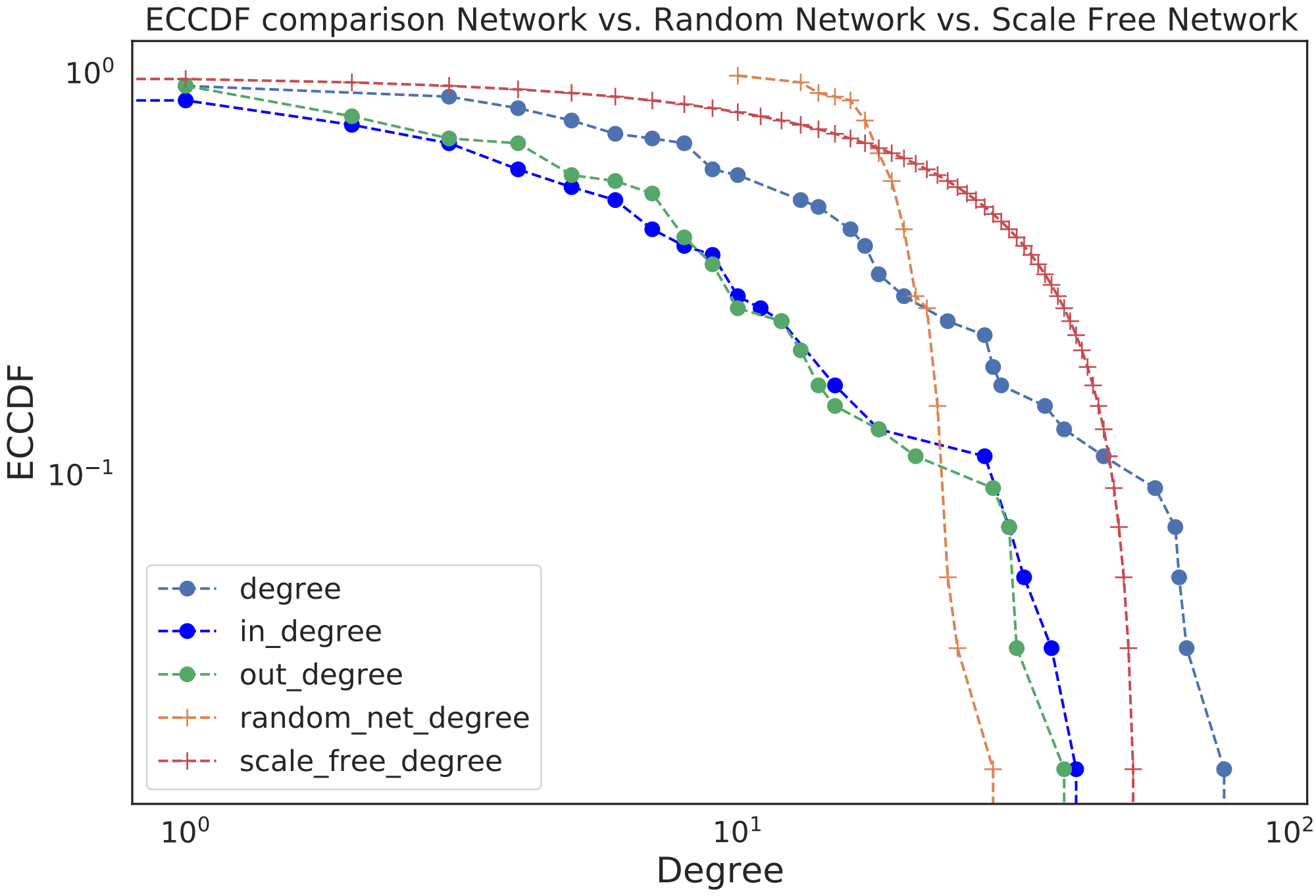

ECDF Linear Scale
ECDF
1.0
0.8
0.6
0.4
0.2
0
20
40
60
80
Degree

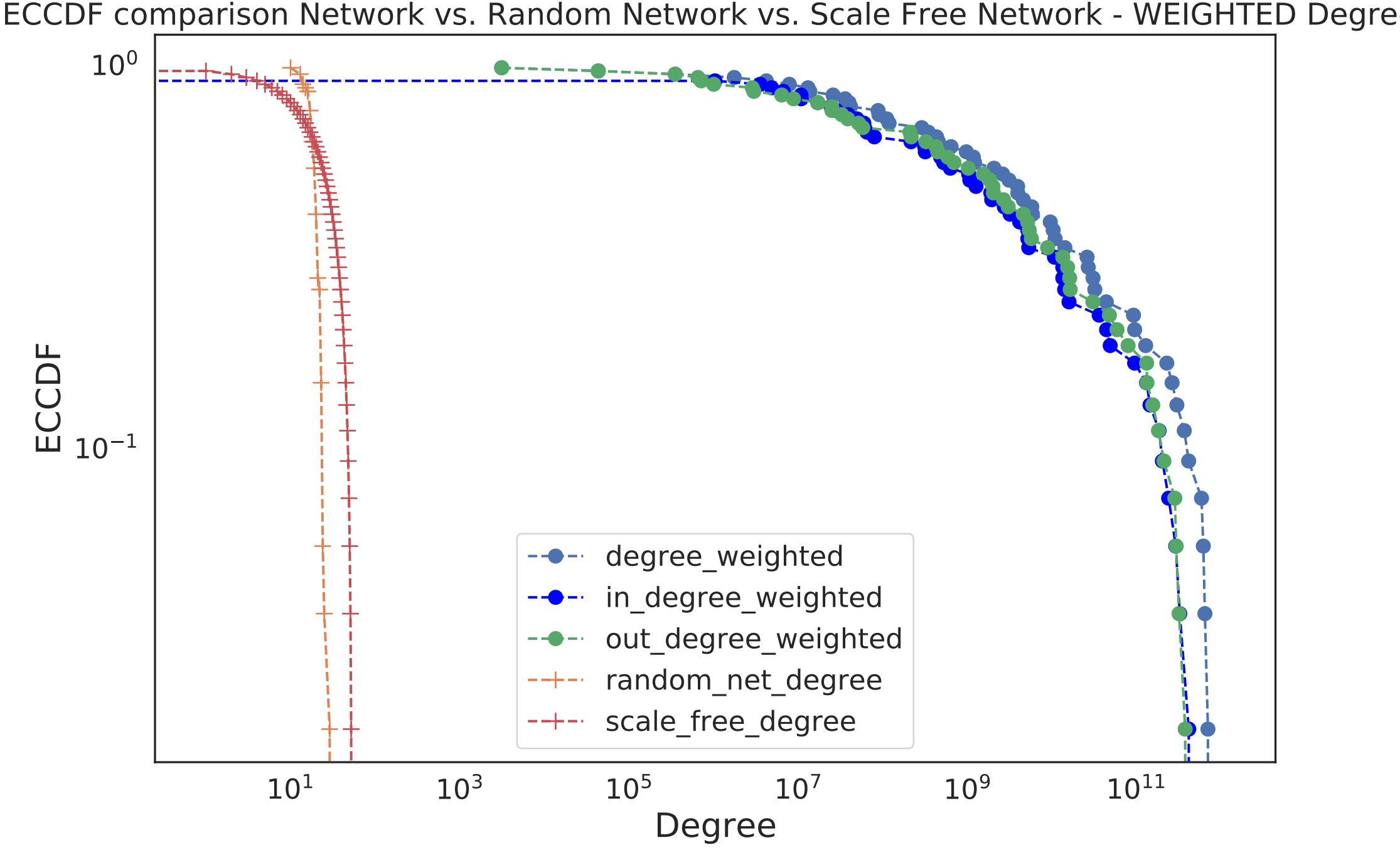

ECDF Log-Log Scale
10^0
10^{-1}
ECDF
10^0
10^1
10^2
Degree


ECCDF
10^0
10^{-1}
ECCDF
10^0
10^1
10^2
Degree


ECCDF Scale Free Network
10^0
10^{-1}
ECCDF
10^0
10^1
Degree


ECCDF comparison Network vs. Random Network vs. Scale Free Network
ECCDF
10^0
10^{-1}
10^0
10^1
10^2
Degree
degree
random_net_degree
scale_free_degree


ECCDF comparison Network vs. Random Network vs. Scale Free Network
ECCDF
10^0
10^{-1}
10^0
10^1
10^2
Degree
degree
in_degree
out_degree
random_net_degree
scale_free_degree


ECCDF comparison Network vs. Random Network vs. Scale Free Network - WEIGHTED Degrees
ECCDF
10^0
10^{-1}
10^1
10^3
10^5
10^7
10^9
10^{11}
Degree
degree_weighted
in_degree_weighted
out_degree_weighted
random_net_degree
scale_free_degree

Infos

Number of nodes: 54
Number of links: 533
Random Net Standard deviation: 3.781951216879815
Random Net Mean: 19.74074074074074
Random Net Median: 20.0
Random Net Min: 10
Random Net Max: 30