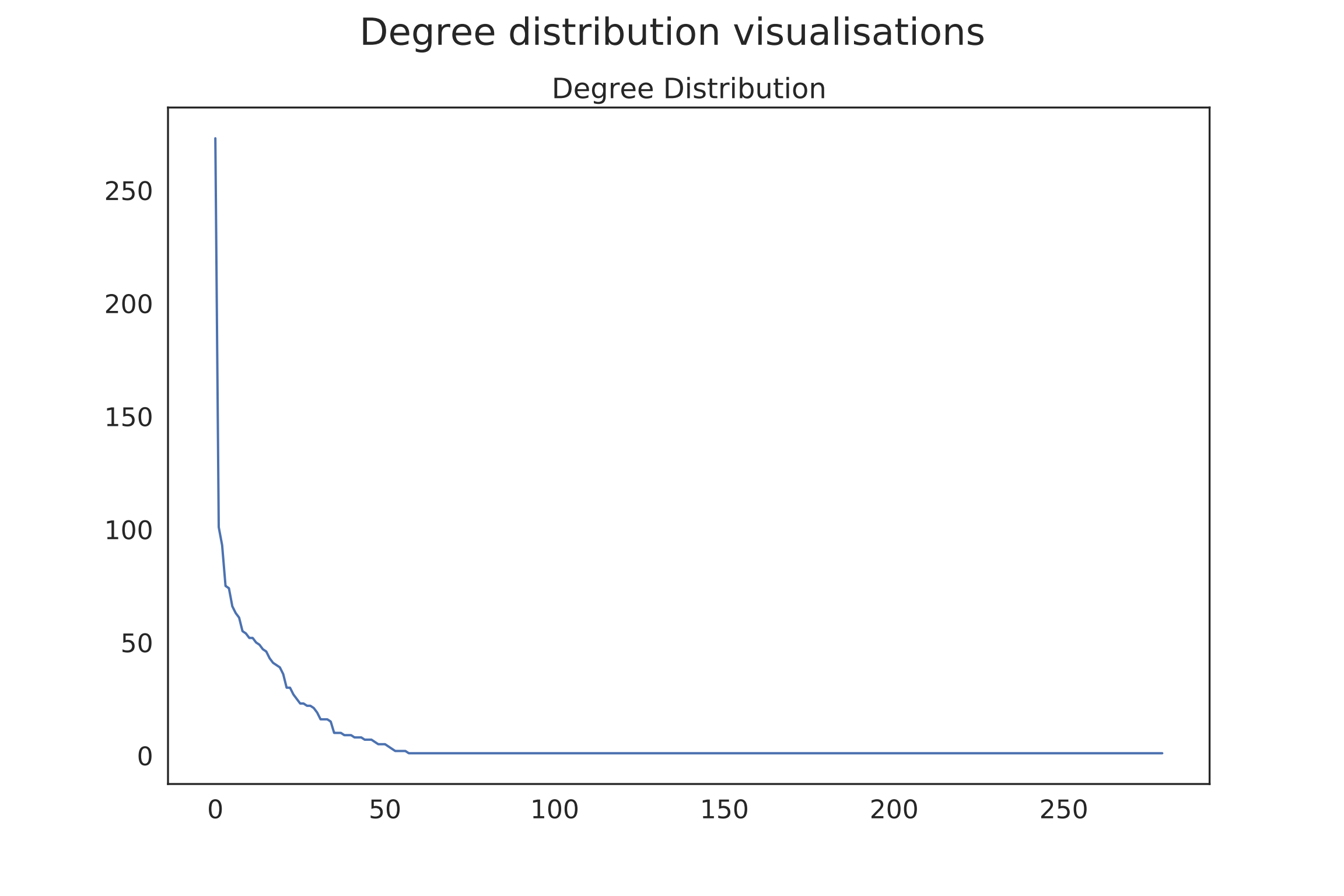
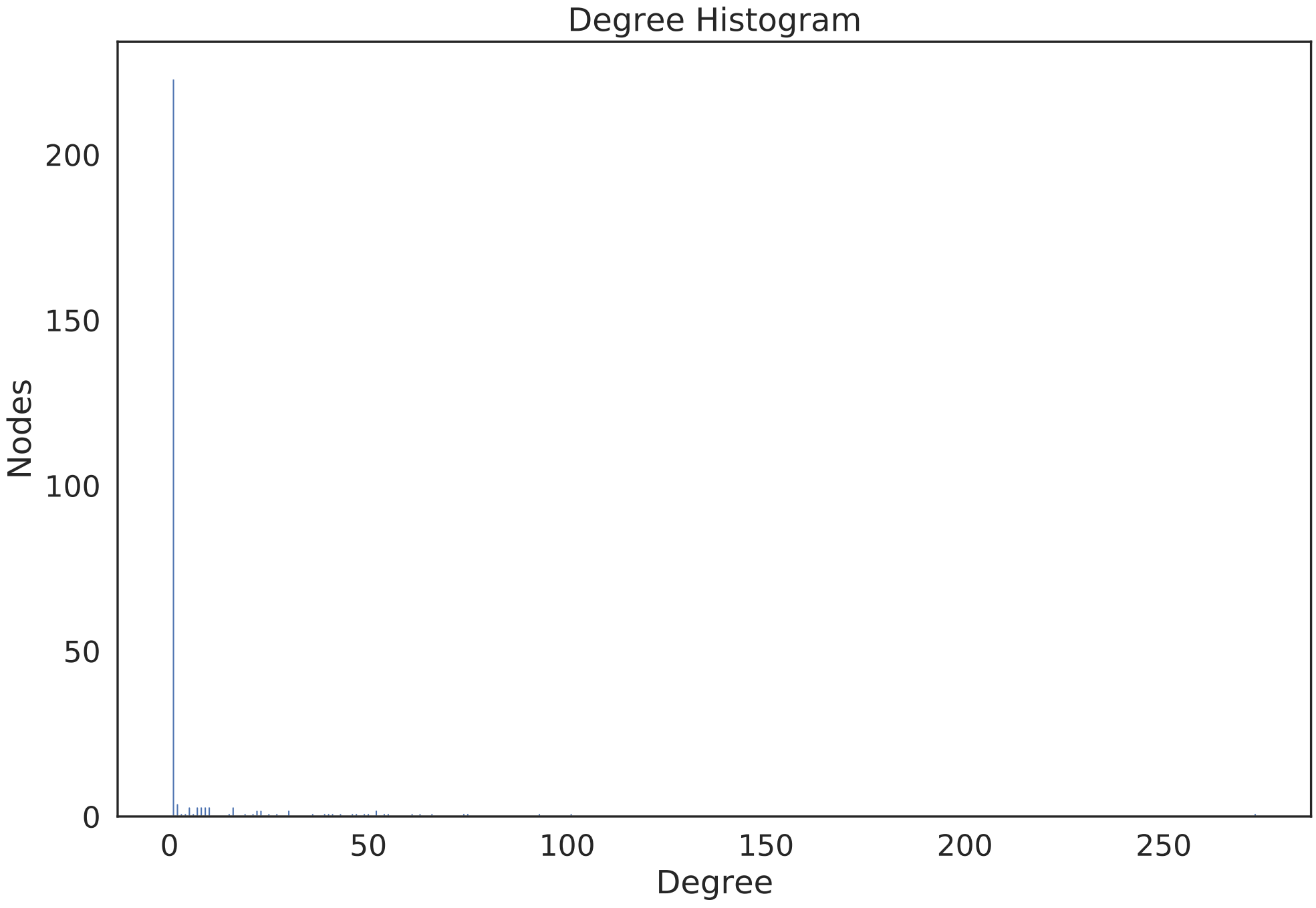
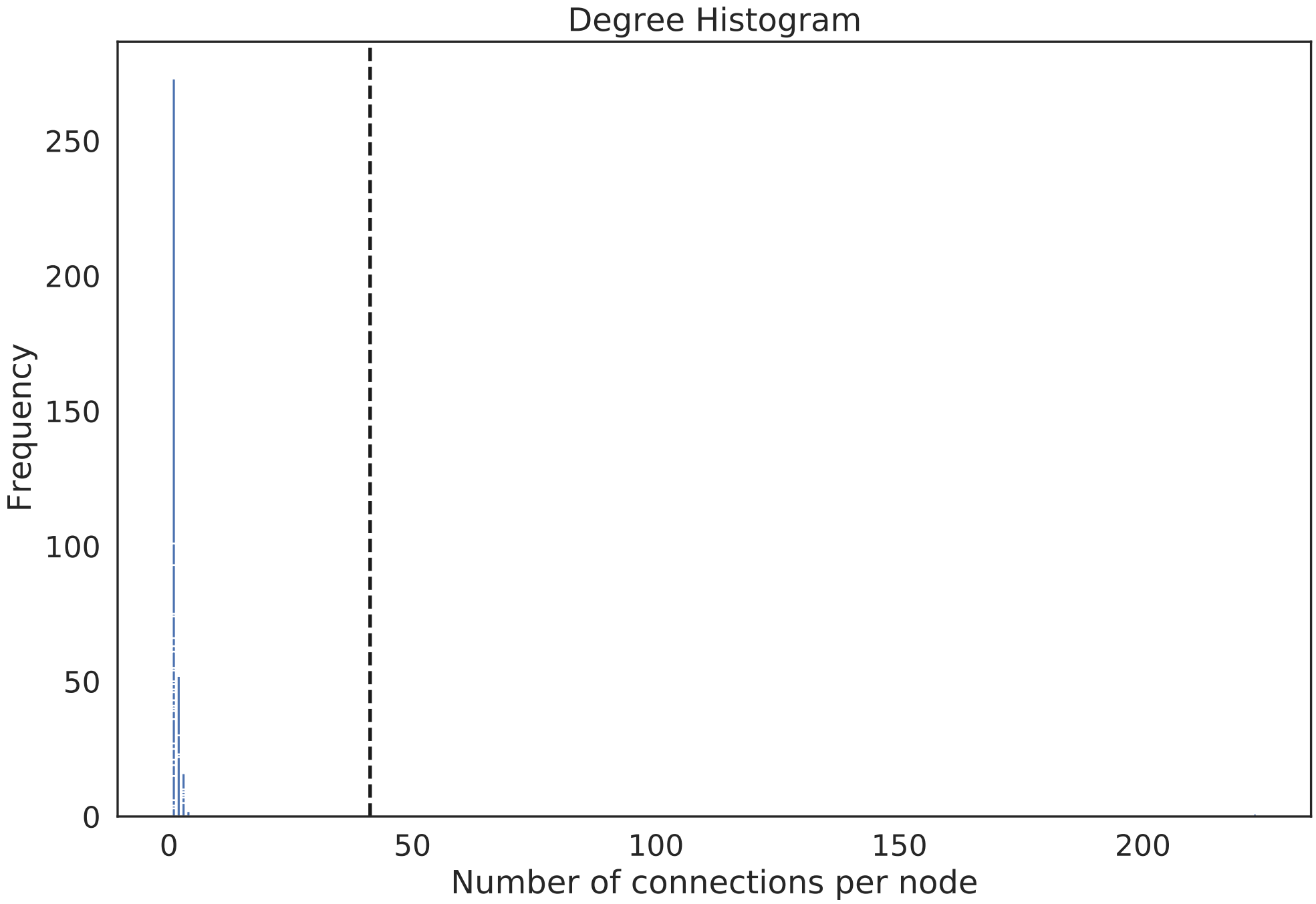
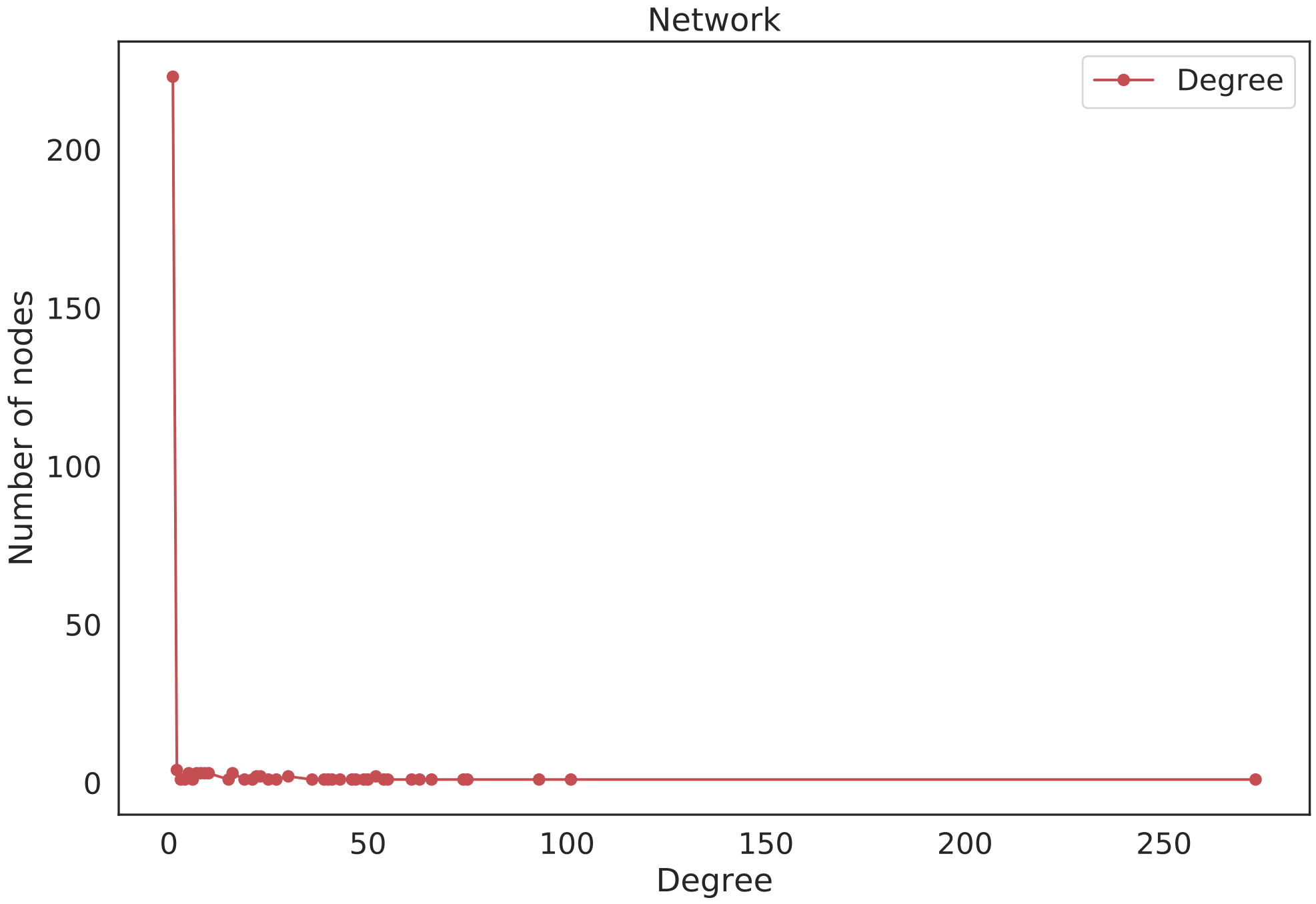
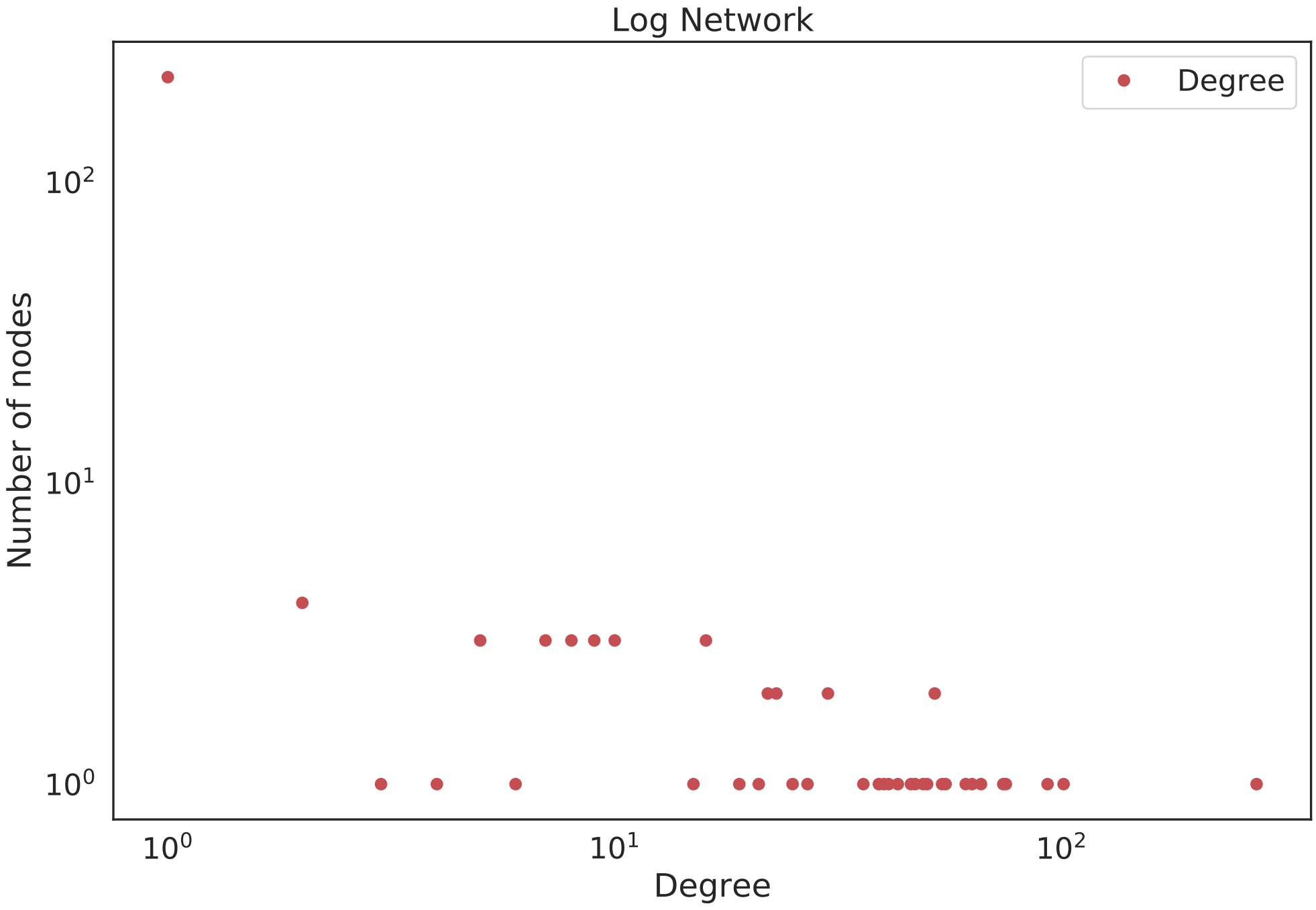
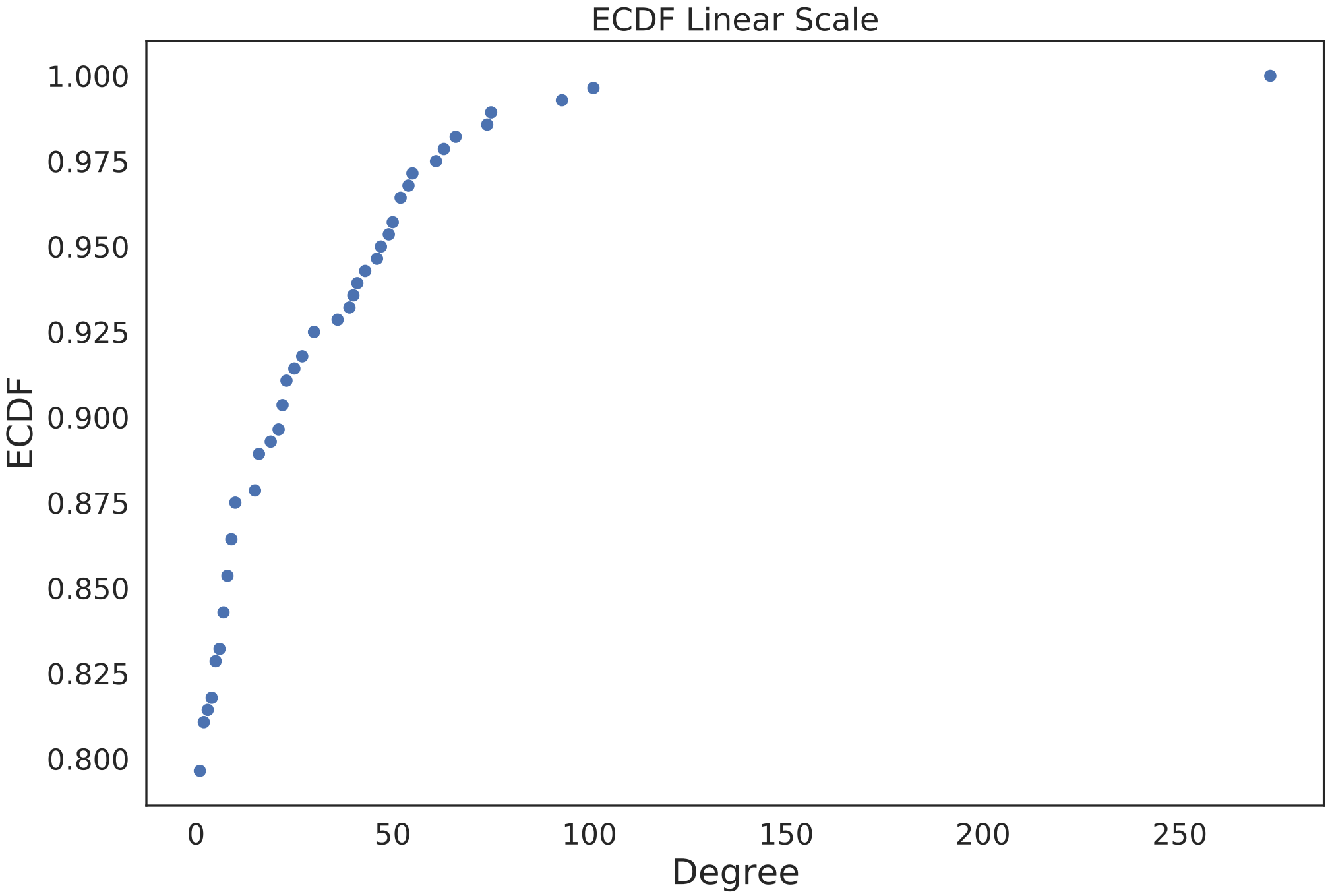

Degree distribution visualisations
Degree Distribution
250
200
150
100
50
0
0
50
100
150
200
250

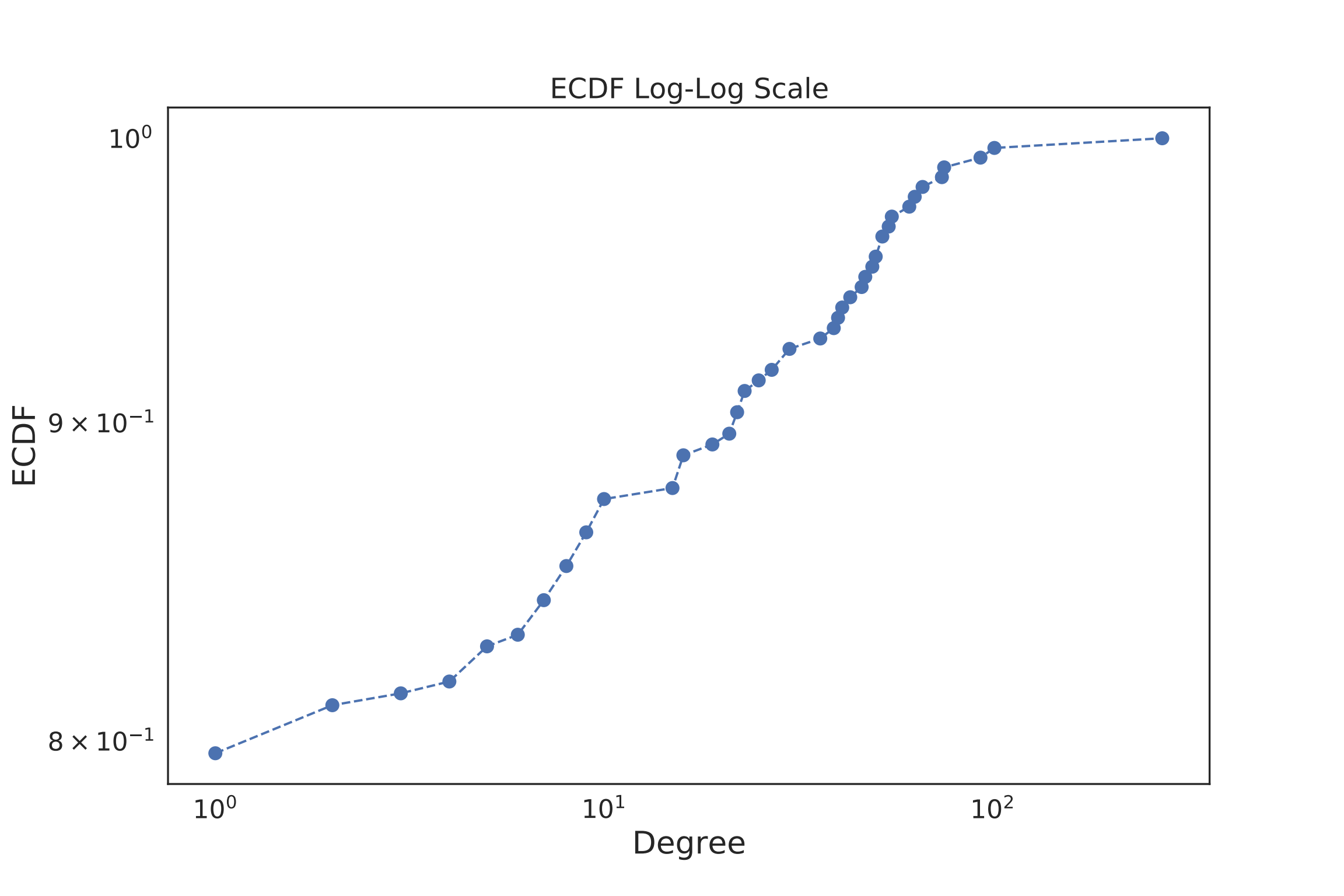

Degree Histogram
Nodes
0
50
100
150
200
0
50
100
150
200
250
Degree

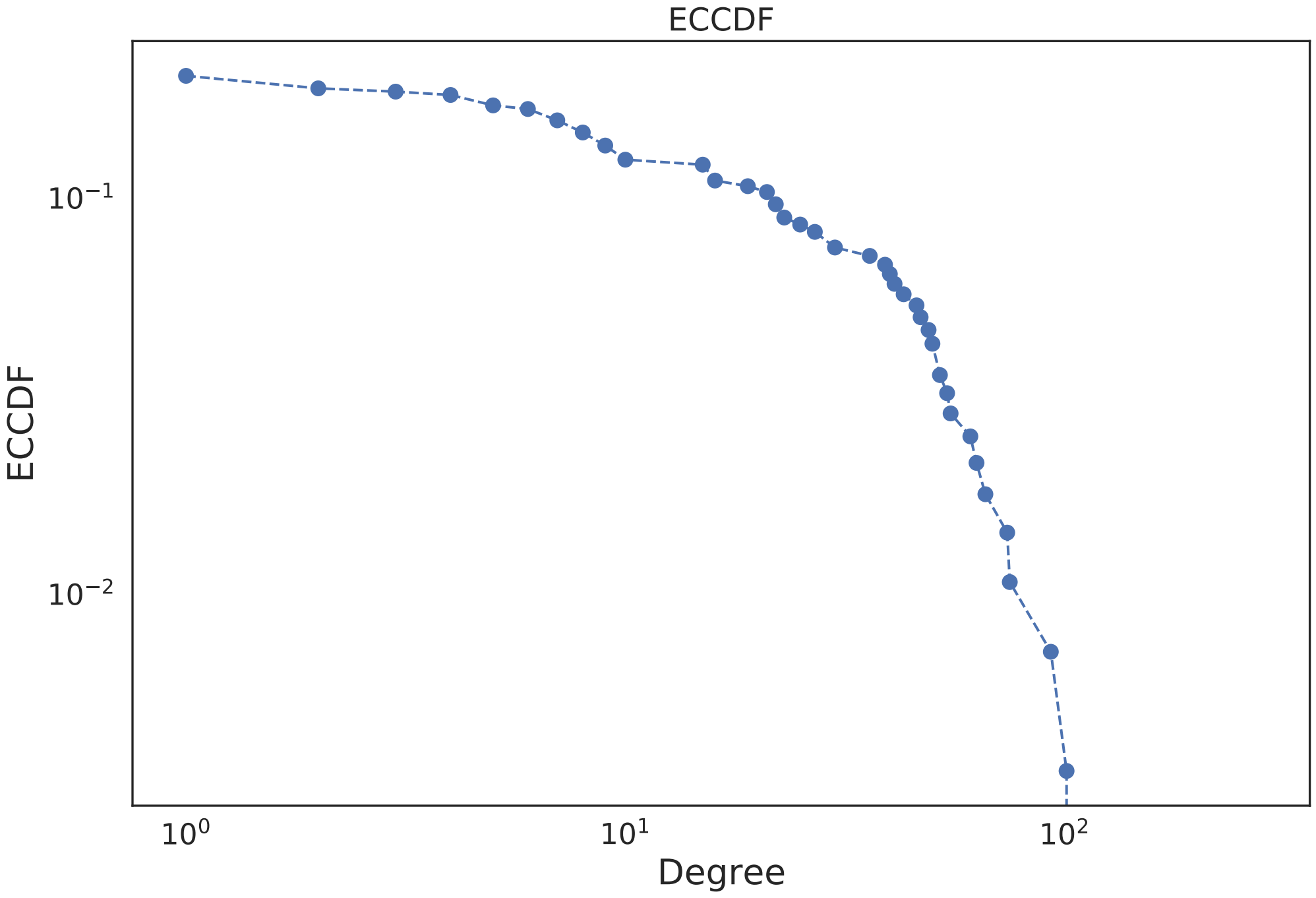

Degree Histogram
Frequency
0
50
100
150
200
250
0
50
100
150
200
Number of connections per node

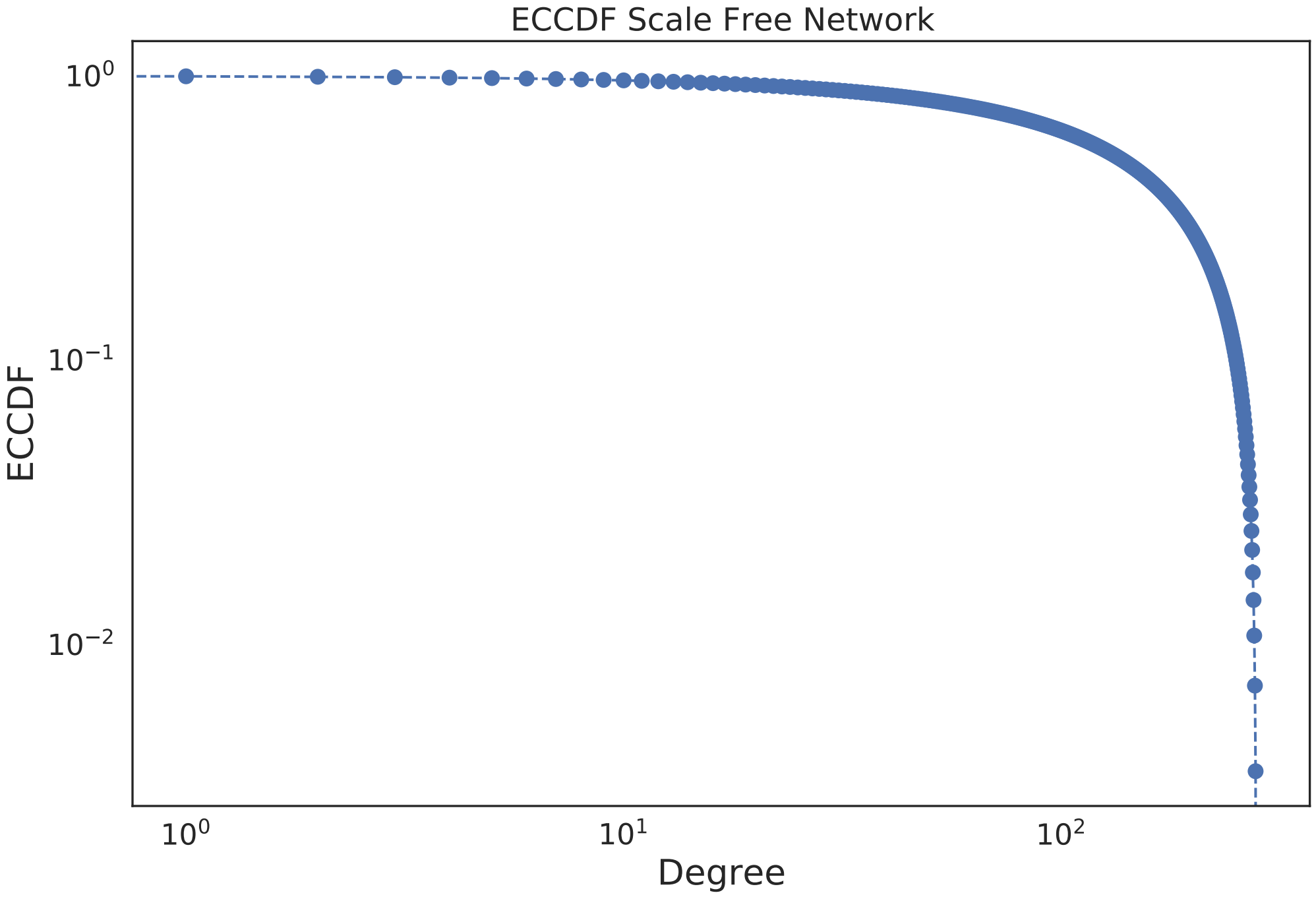

Network
Degree
Number of nodes
0
50
100
150
200
0
50
100
150
200
250
Degree

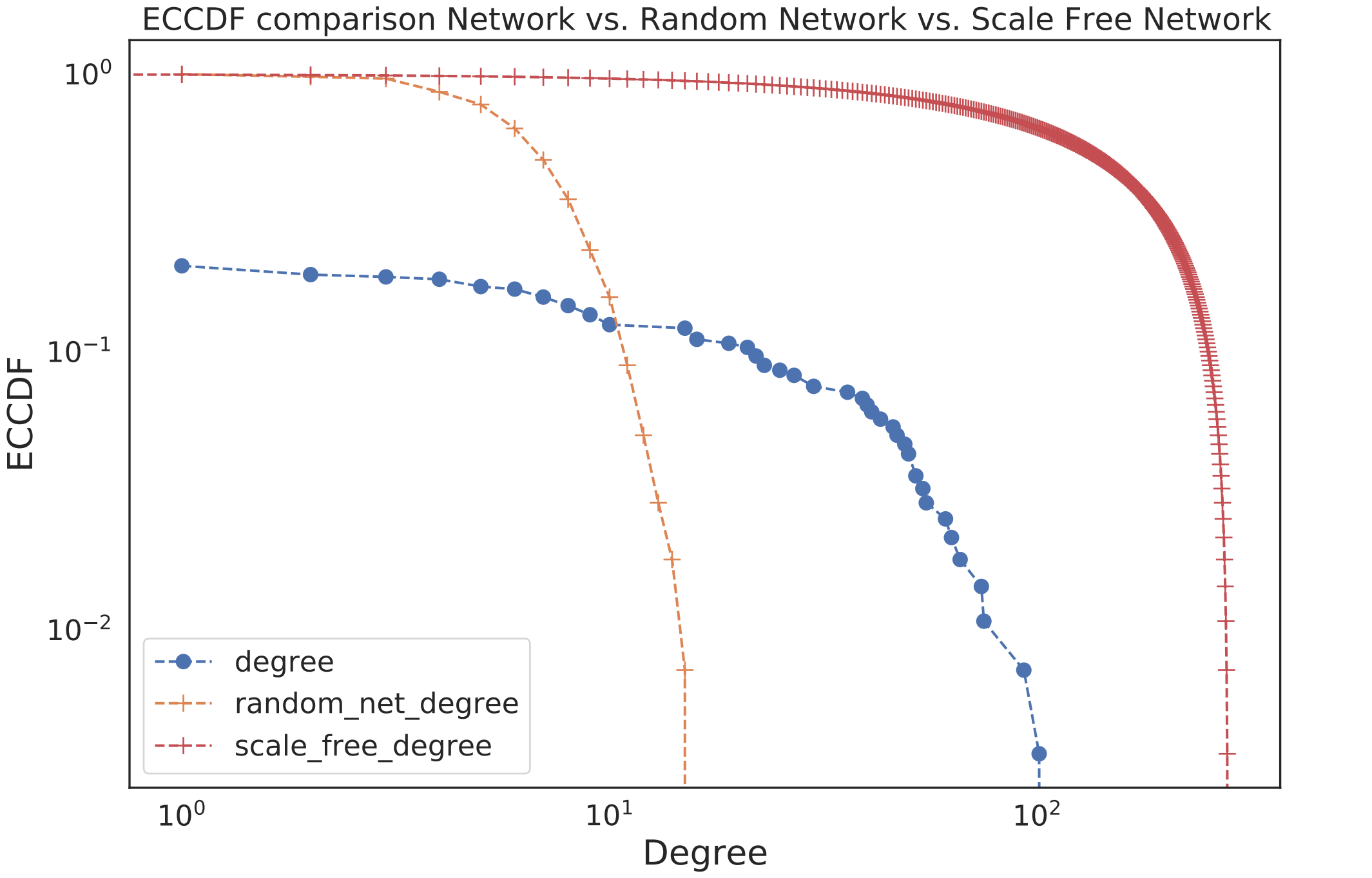

Log Network
Degree
Number of nodes
10^2
10^1
10^0
10^0
10^1
10^2
Degree

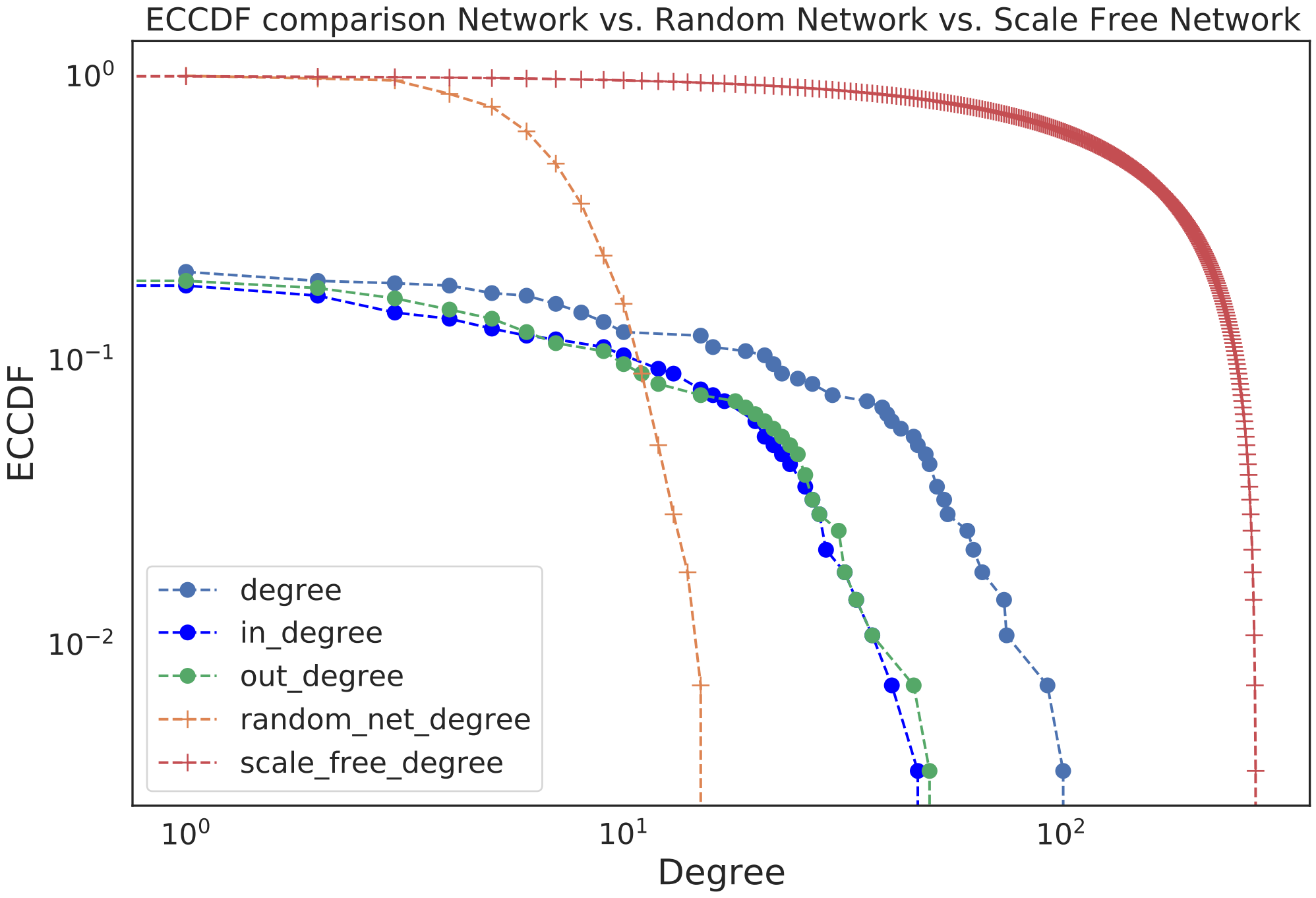

ECDF Linear Scale
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
ECDF
0
50
100
150
200
250
Degree

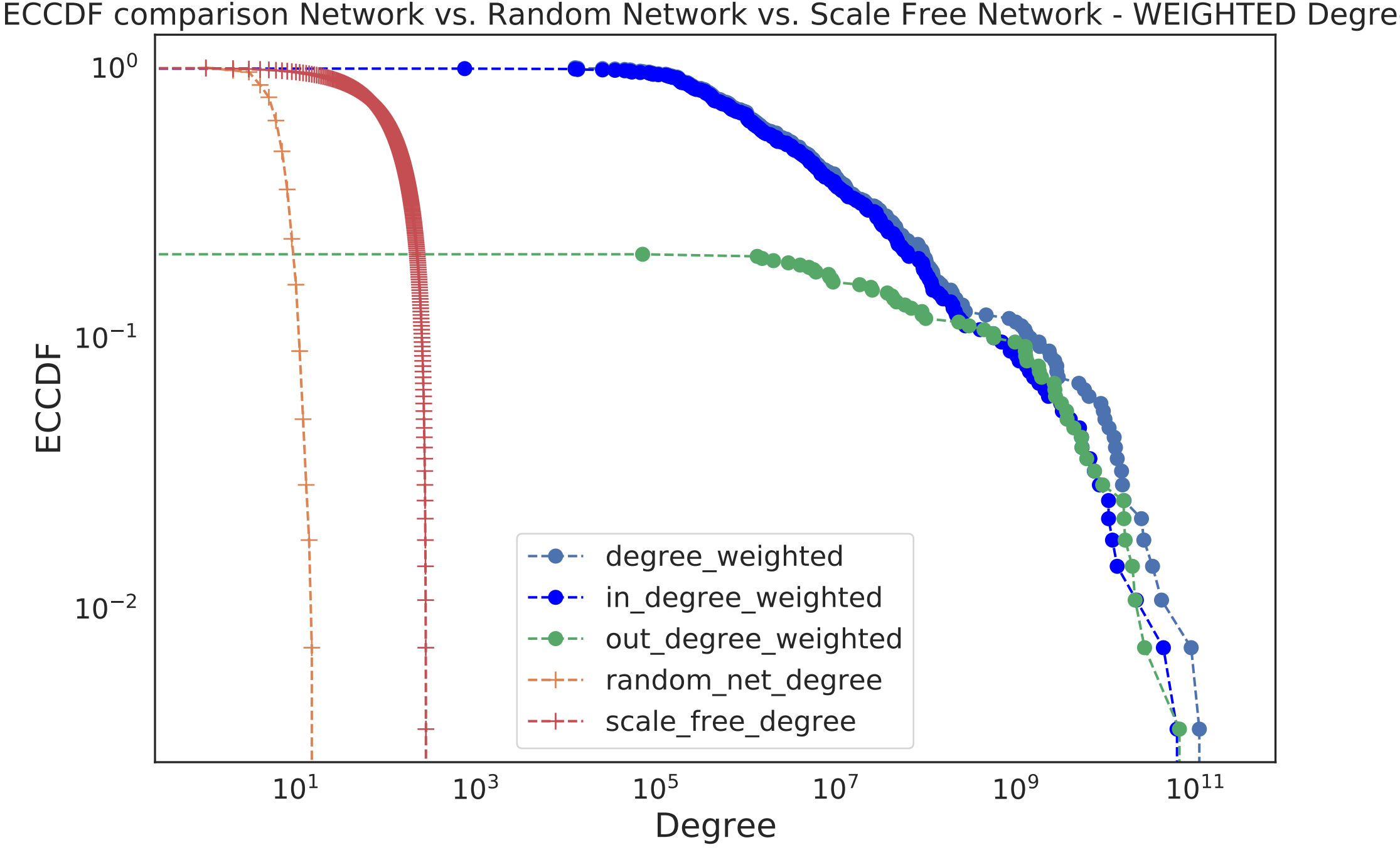

ECDF Log-Log Scale
ECDF
10^0
9×10^{-1}
8×10^{-1}
10^0
10^1
10^2
Degree


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


ECCDF Scale Free Network
10^0
10^{-1}
10^{-2}
ECCDF
10^0
10^1
10^2
Degree


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


ECCDF comparison Network vs. Random Network vs. Scale Free Network
ECCDF
Degree
10^0
10^{-1}
10^{-2}
10^0
10^1
10^2
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^{-2}
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: 280
Number of links: 1068
Random Net Standard deviation: 2.7937247464959167
Random Net Mean: 7.628571428571429
Random Net Median: 7.0
Random Net Min: 1
Random Net Max: 16