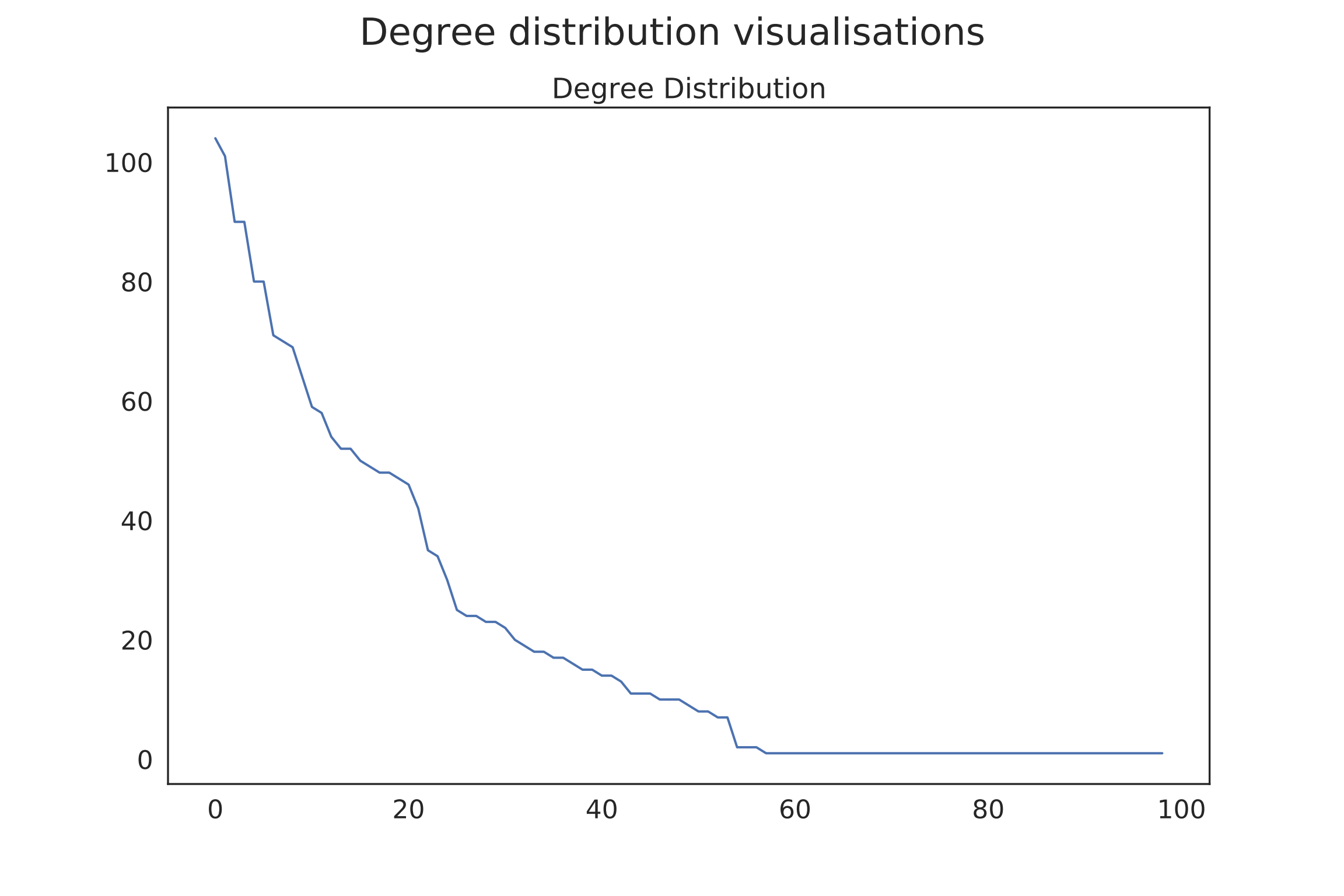
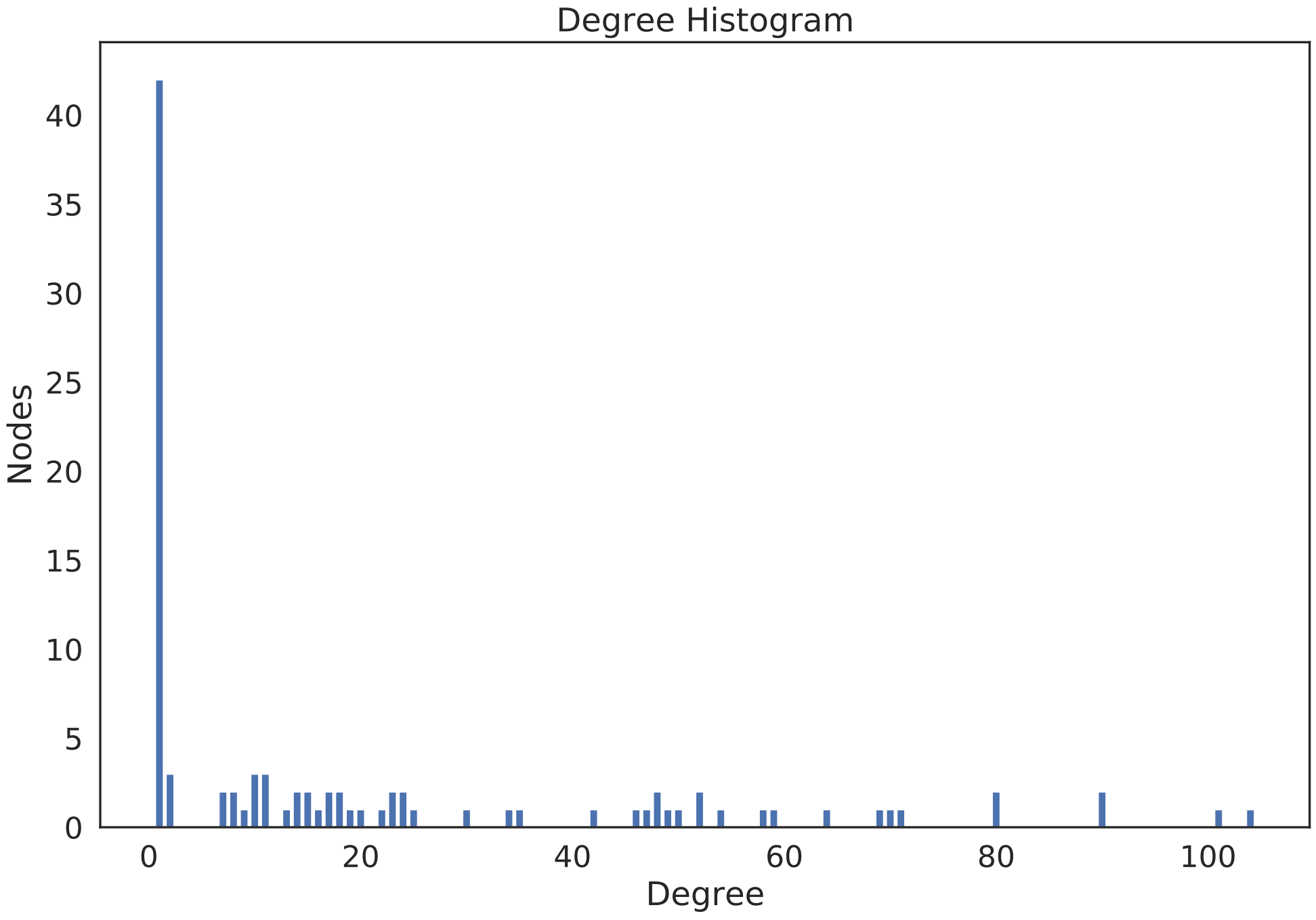
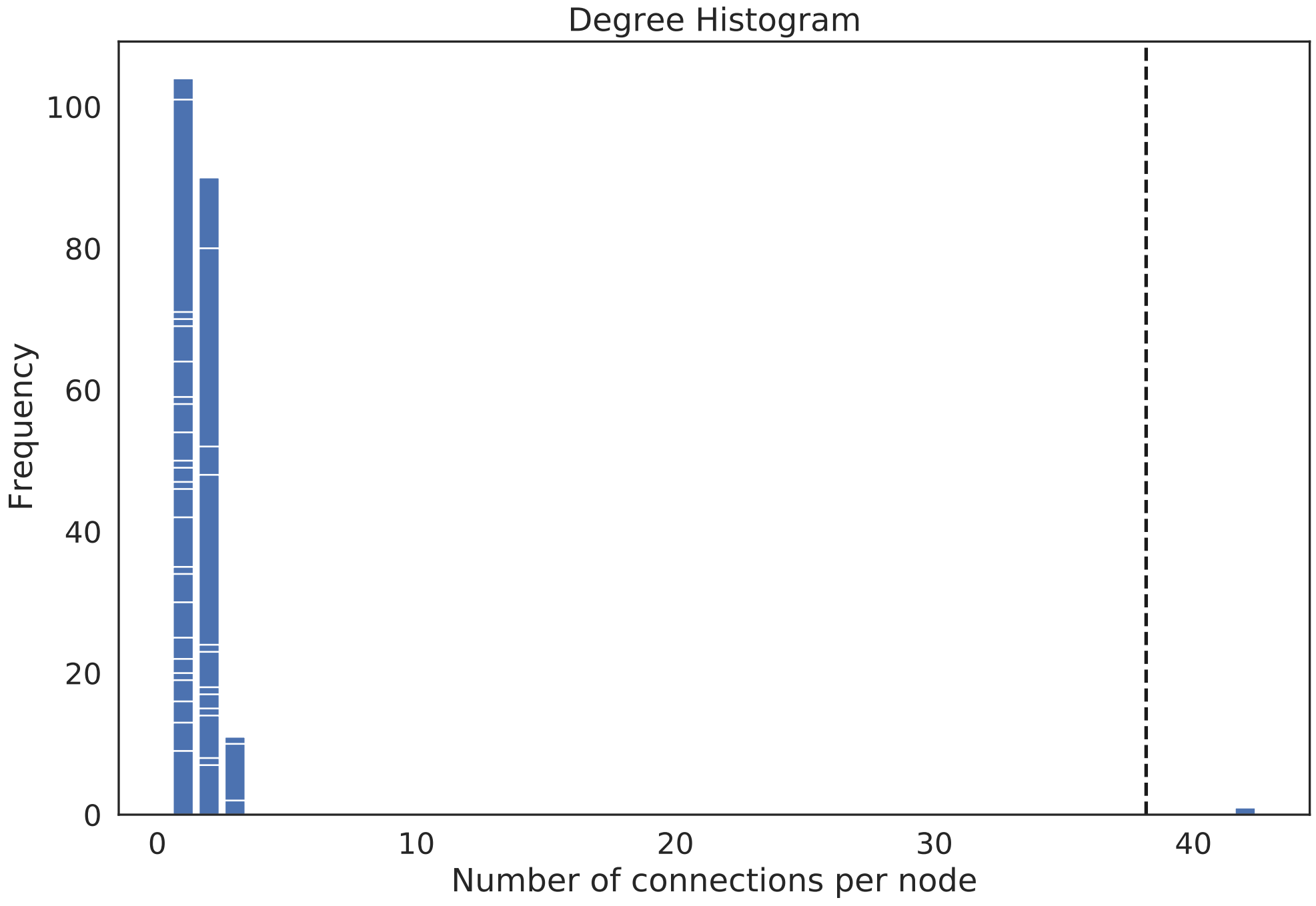
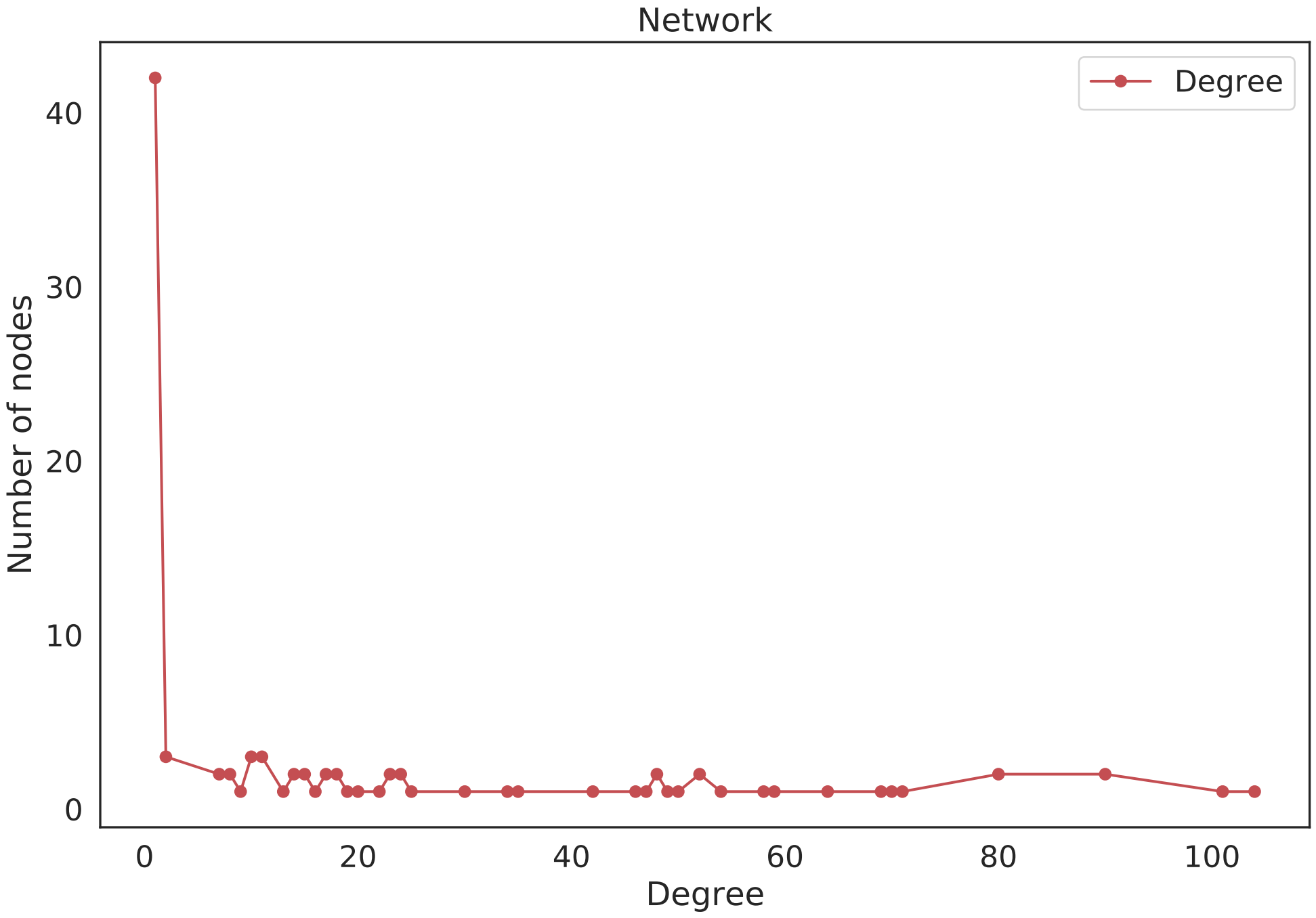
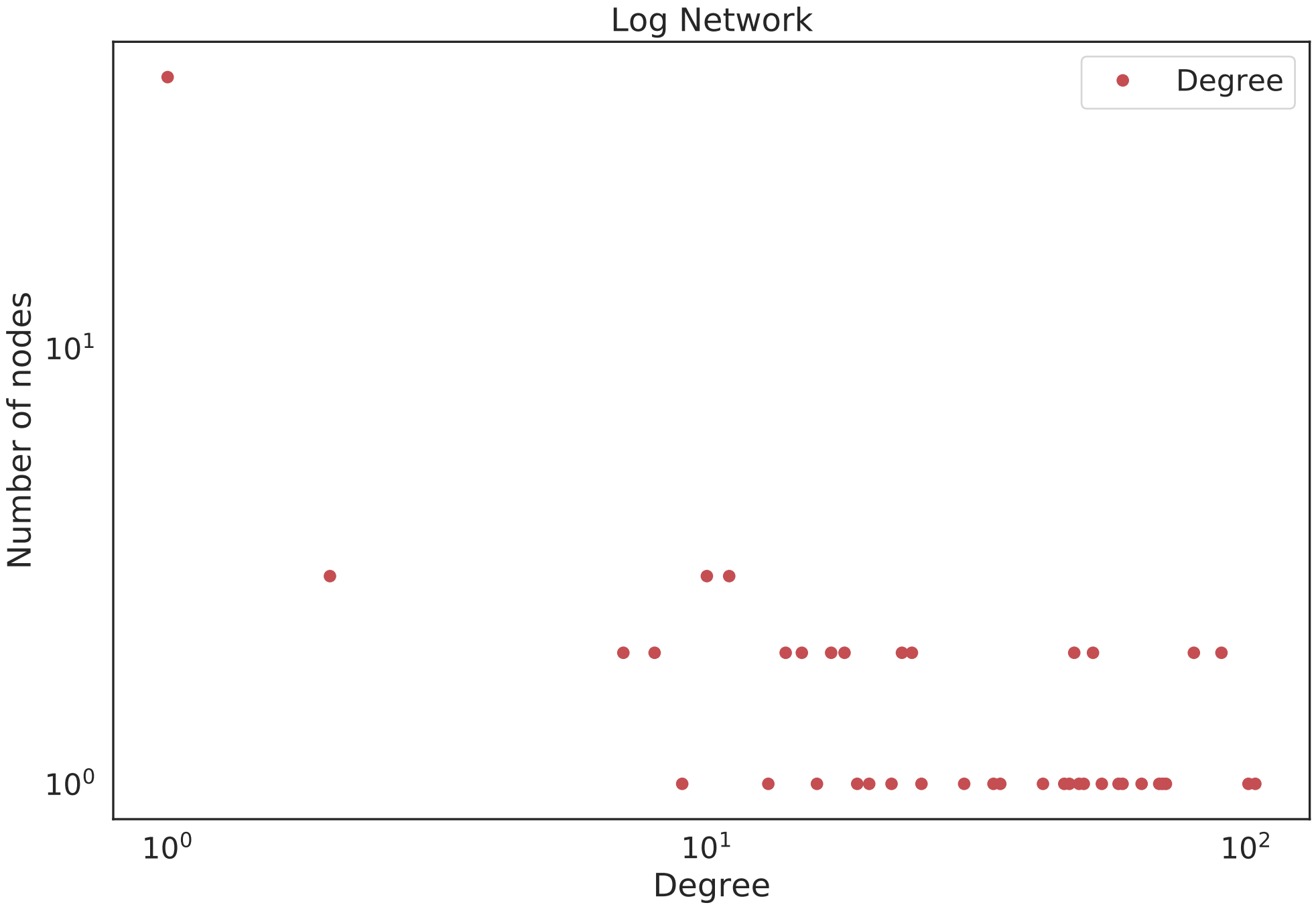
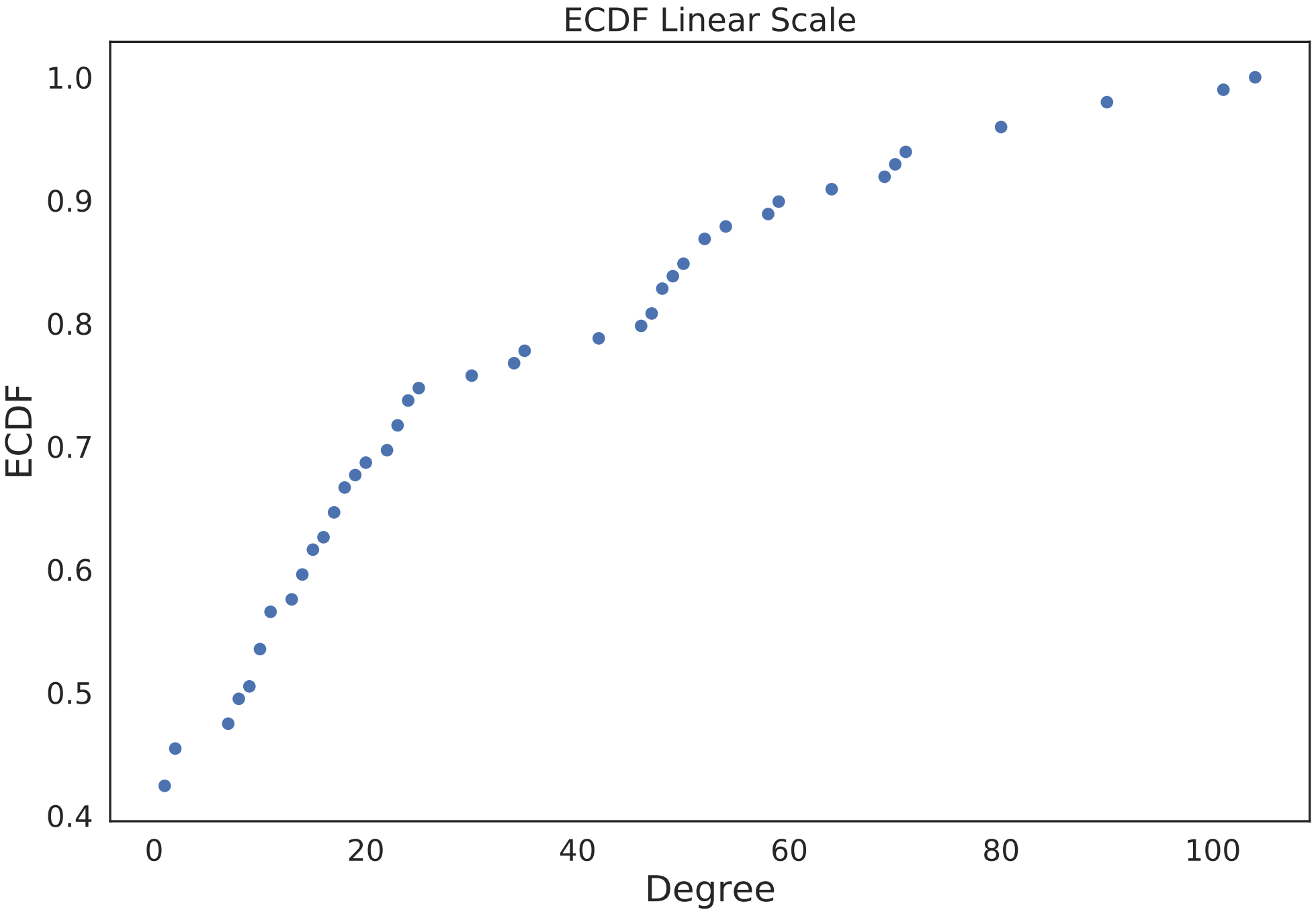

Degree distribution visualisations
Degree Distribution
100
80
60
40
20
0
0
20
40
60
80
100

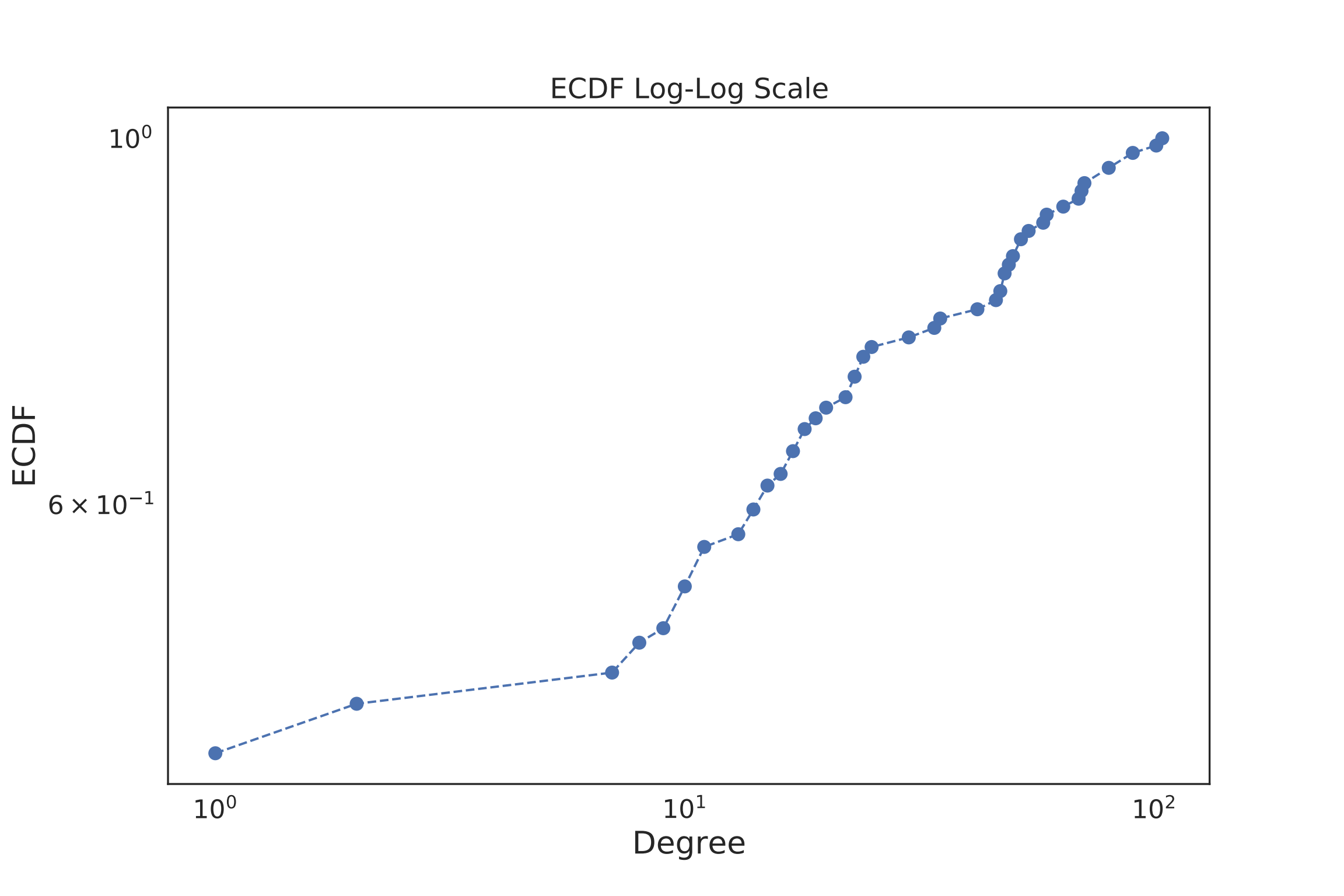

Degree Histogram
Nodes
Degree
0
5
10
15
20
25
30
35
40
0
20
40
60
80
100

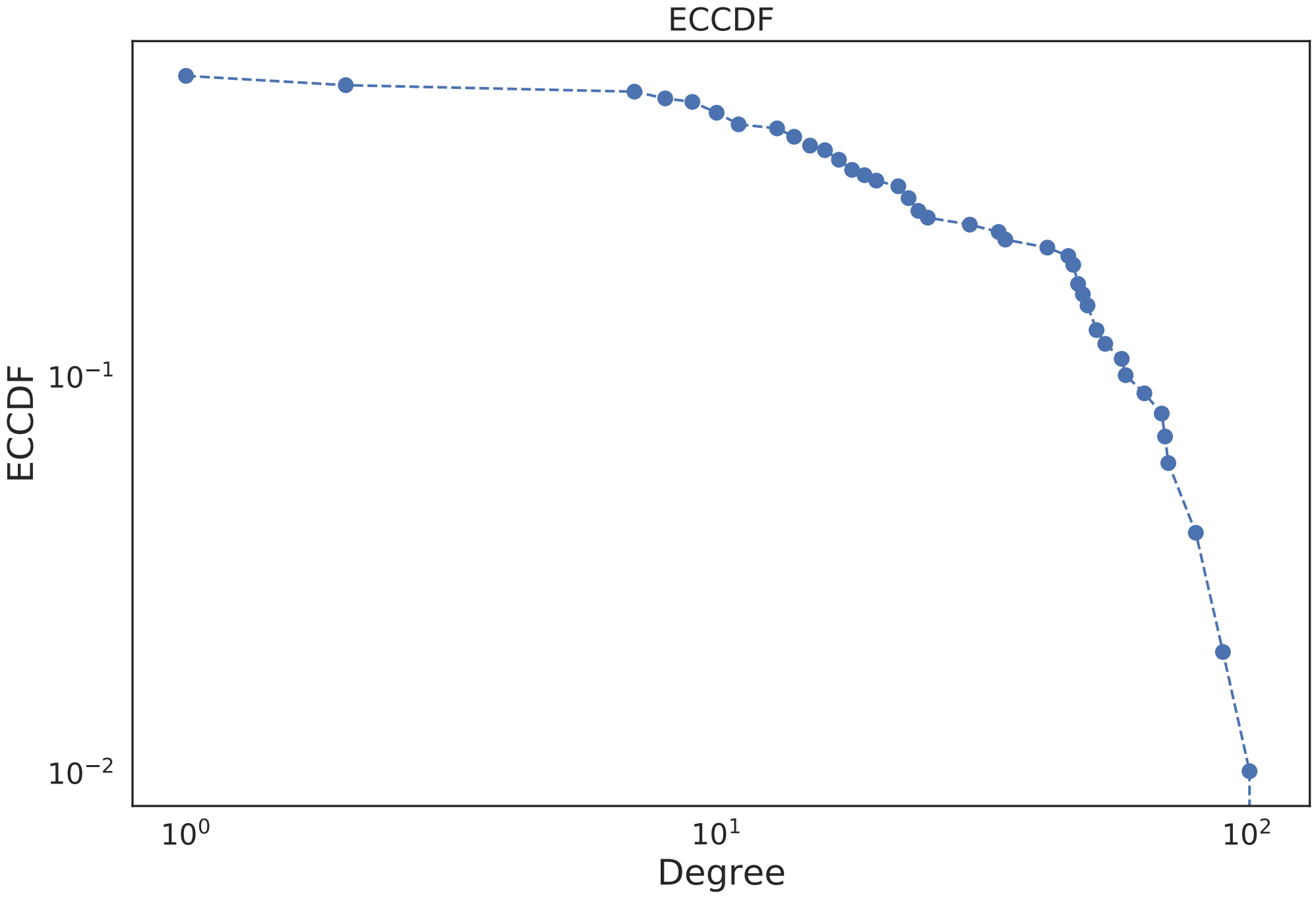

Degree Histogram
Frequency
Number of connections per node
0
20
40
60
80
100
0
10
20
30
40

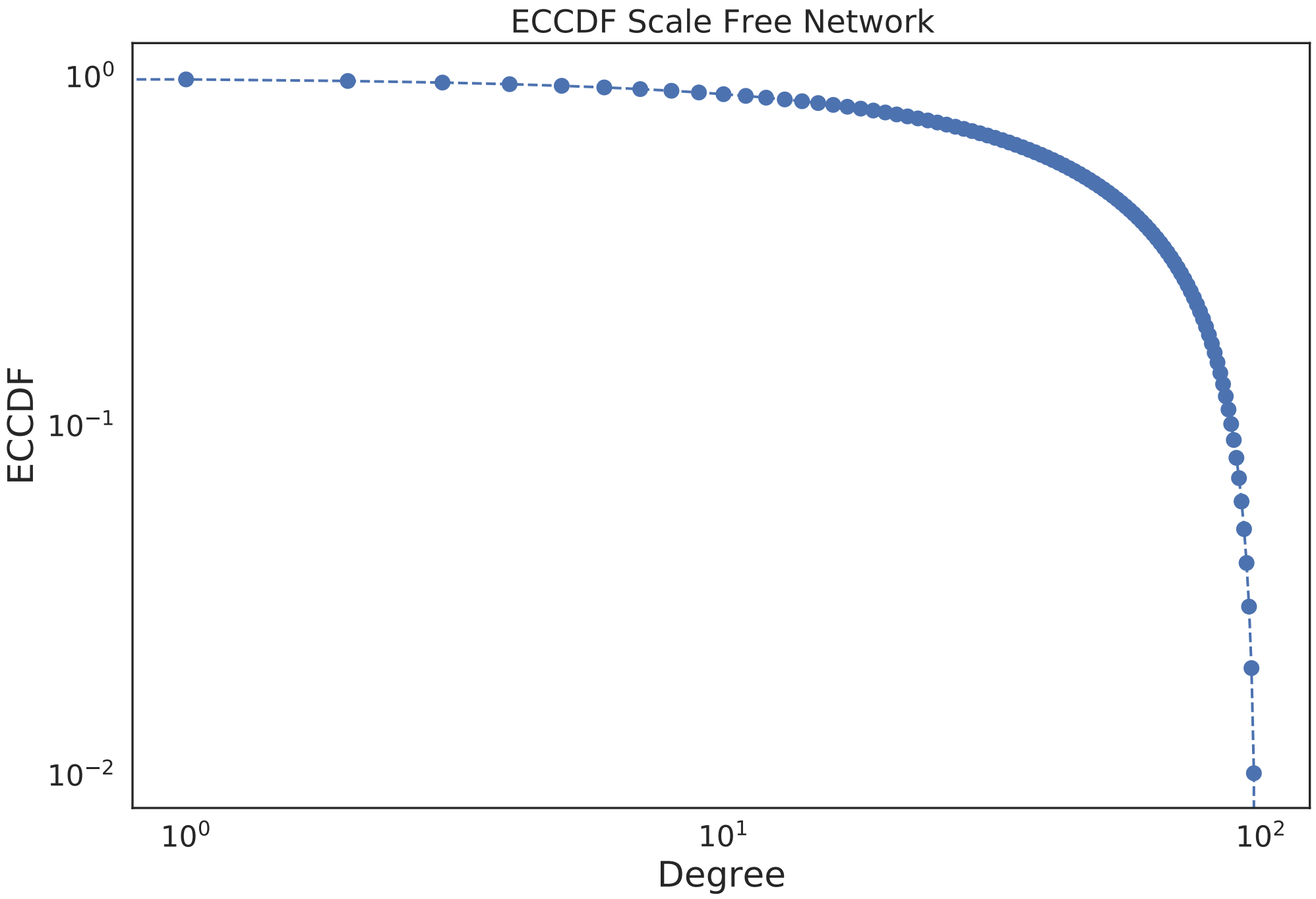

Network
Degree
Number of nodes
0
10
20
30
40
0
20
40
60
80
100
Degree

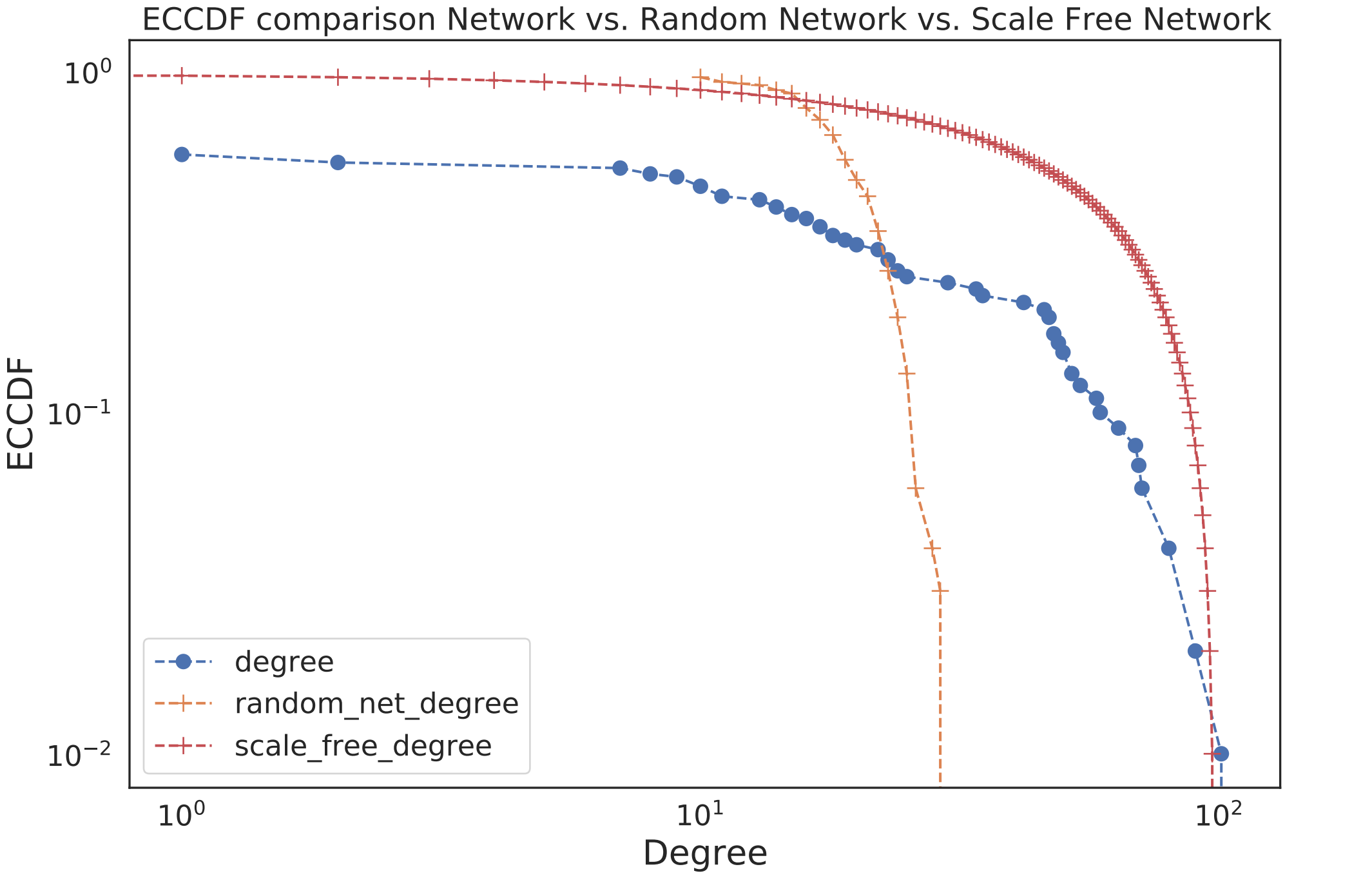

Log Network
Degree
Number of nodes
10^1
10^0
10^0
10^1
10^2
Degree

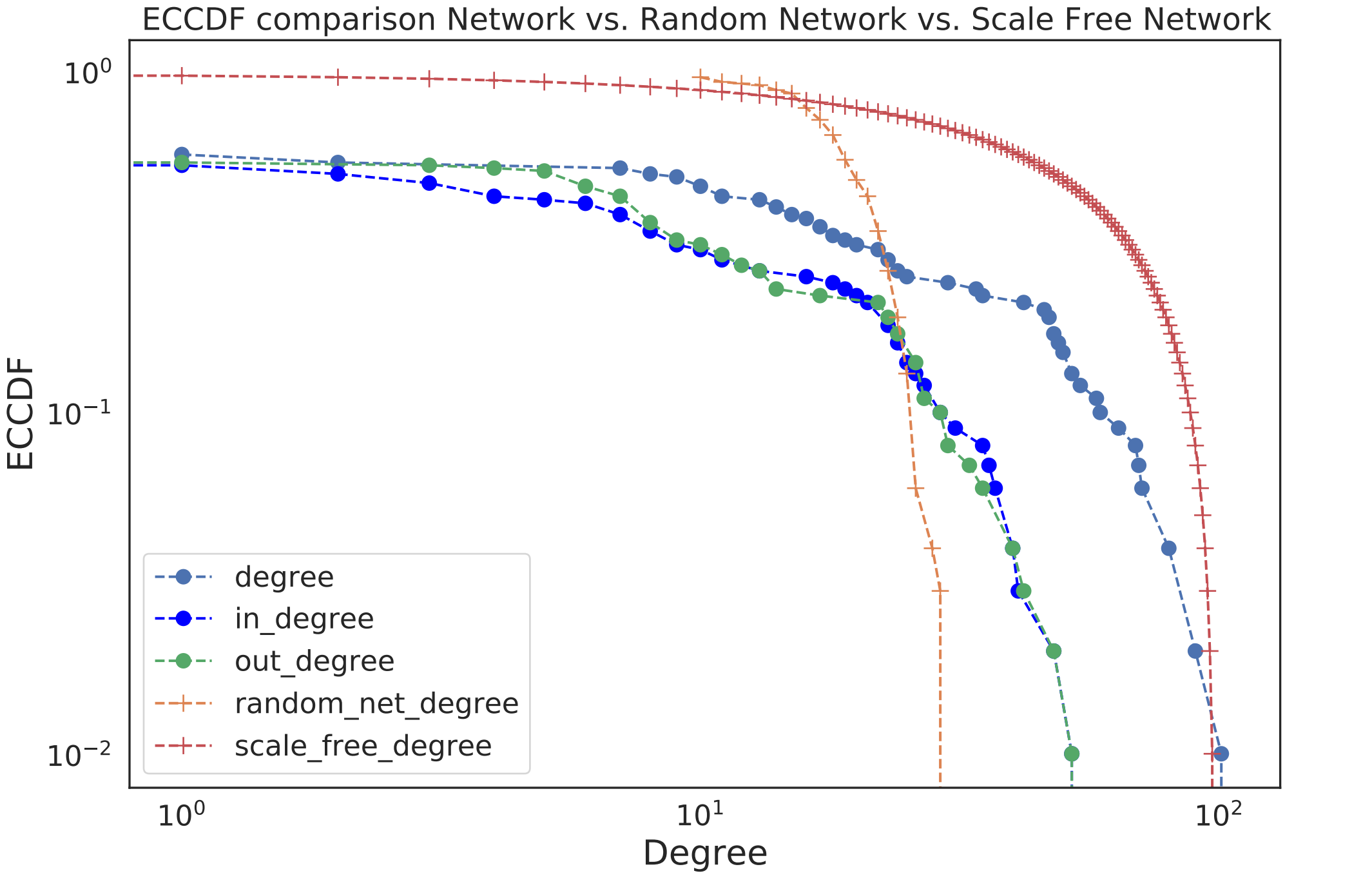

ECDF Linear Scale
ECDF
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0
20
40
60
80
100
Degree

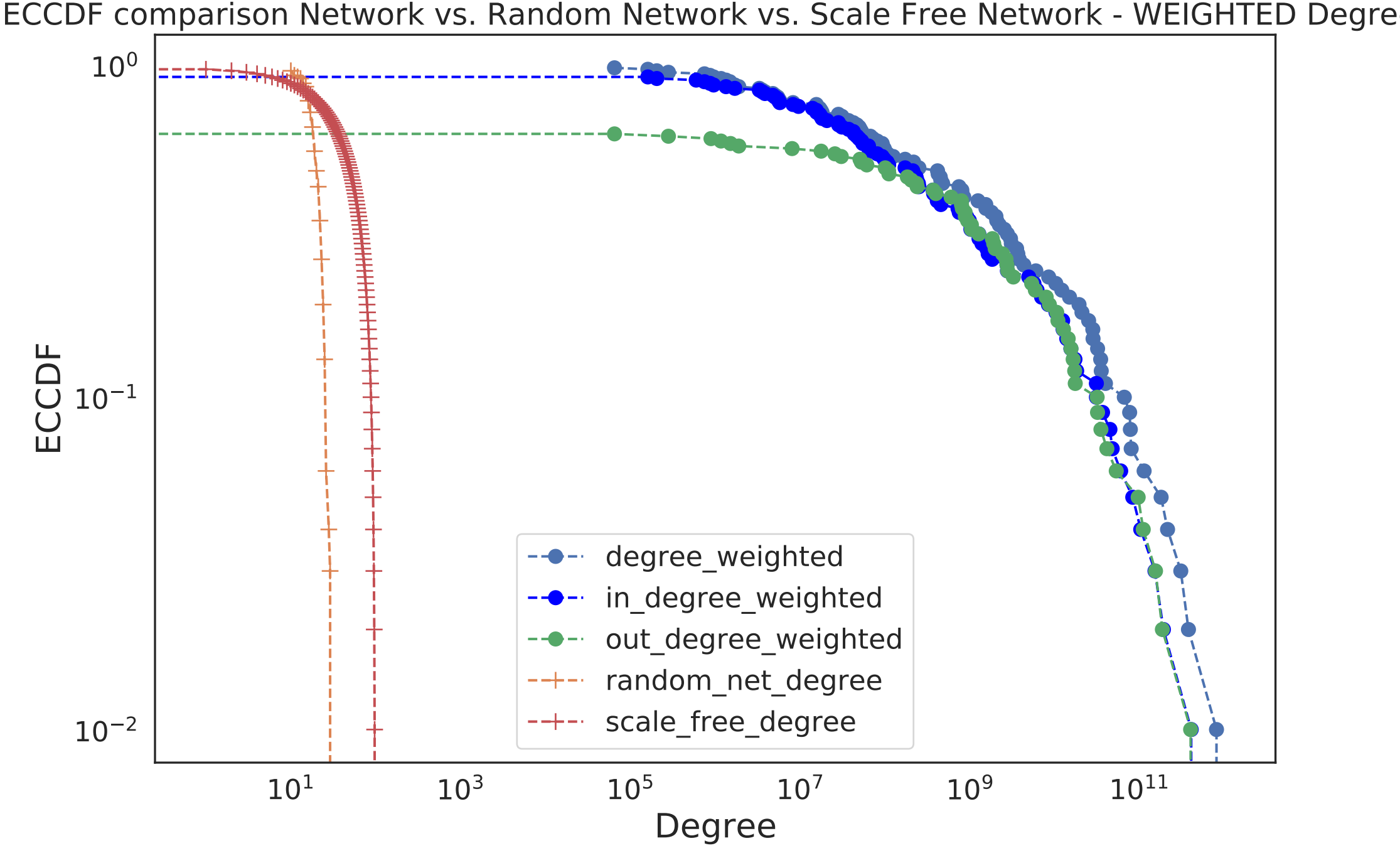

ECDF Log-Log Scale
10^0
6×10^{-1}
ECDF
10^0
10^1
10^2
Degree


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


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


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: 99
Number of links: 1004
Random Net Standard deviation: 4.673242994069999
Random Net Mean: 20.282828282828284
Random Net Median: 20.0
Random Net Min: 10
Random Net Max: 30