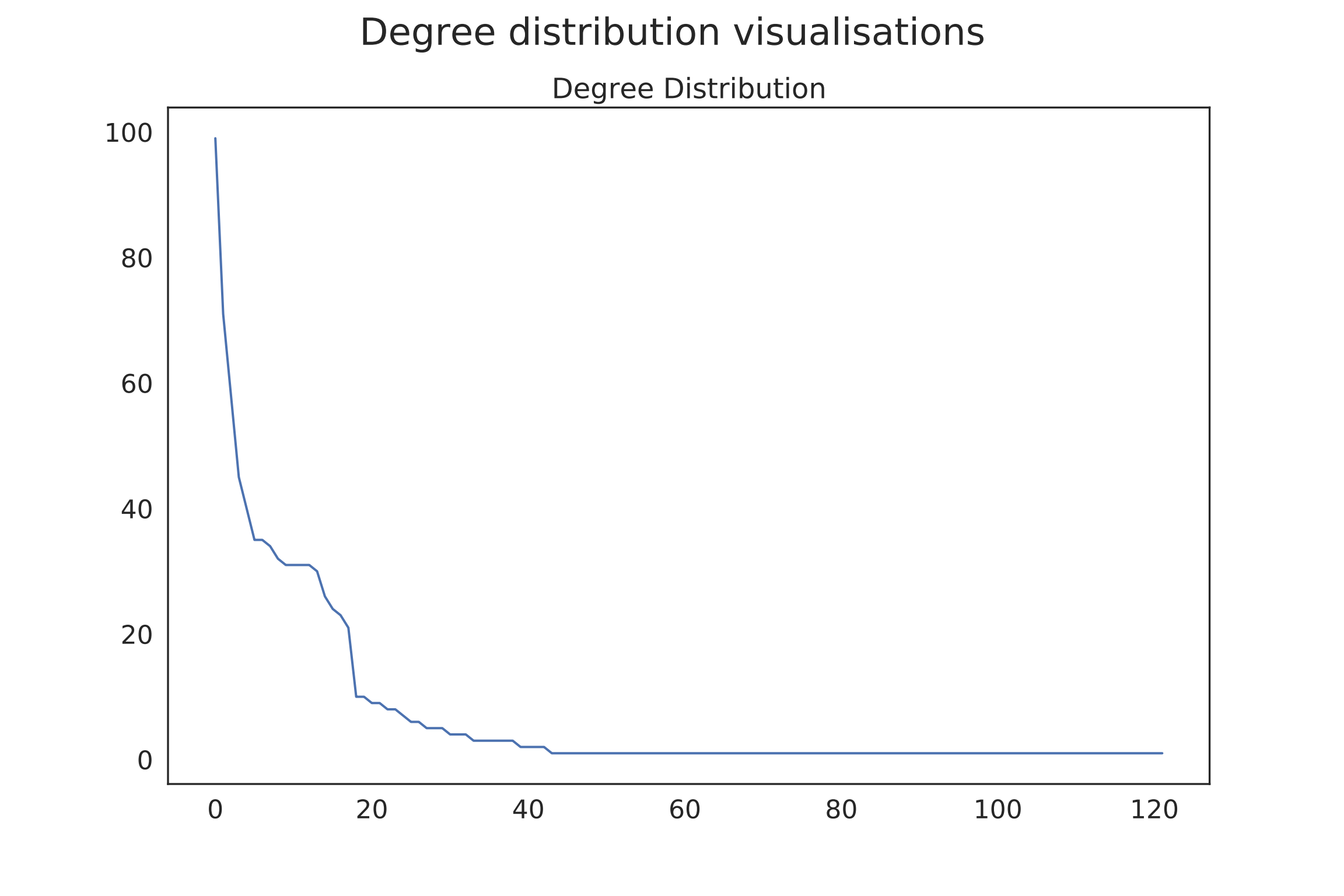
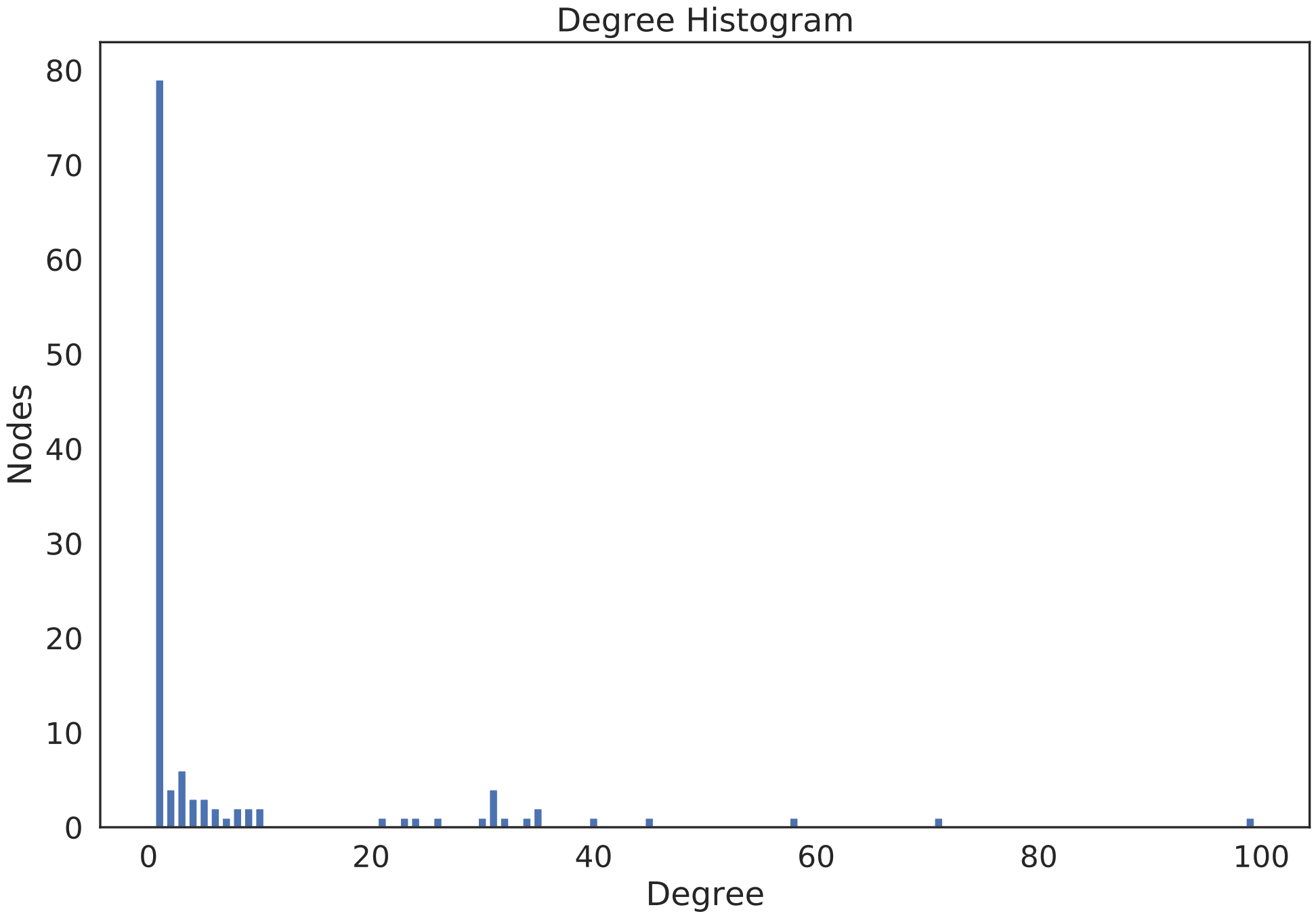
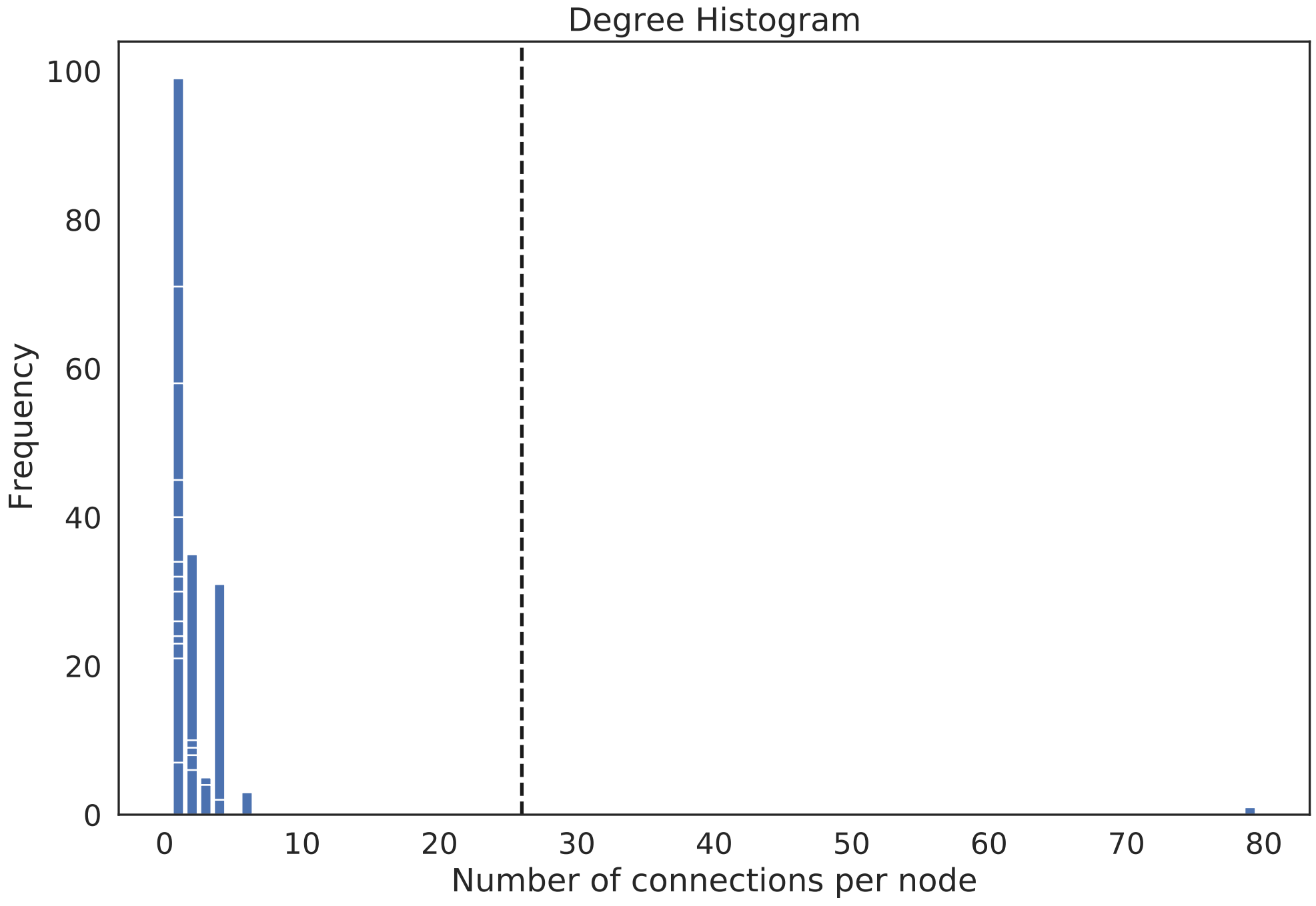
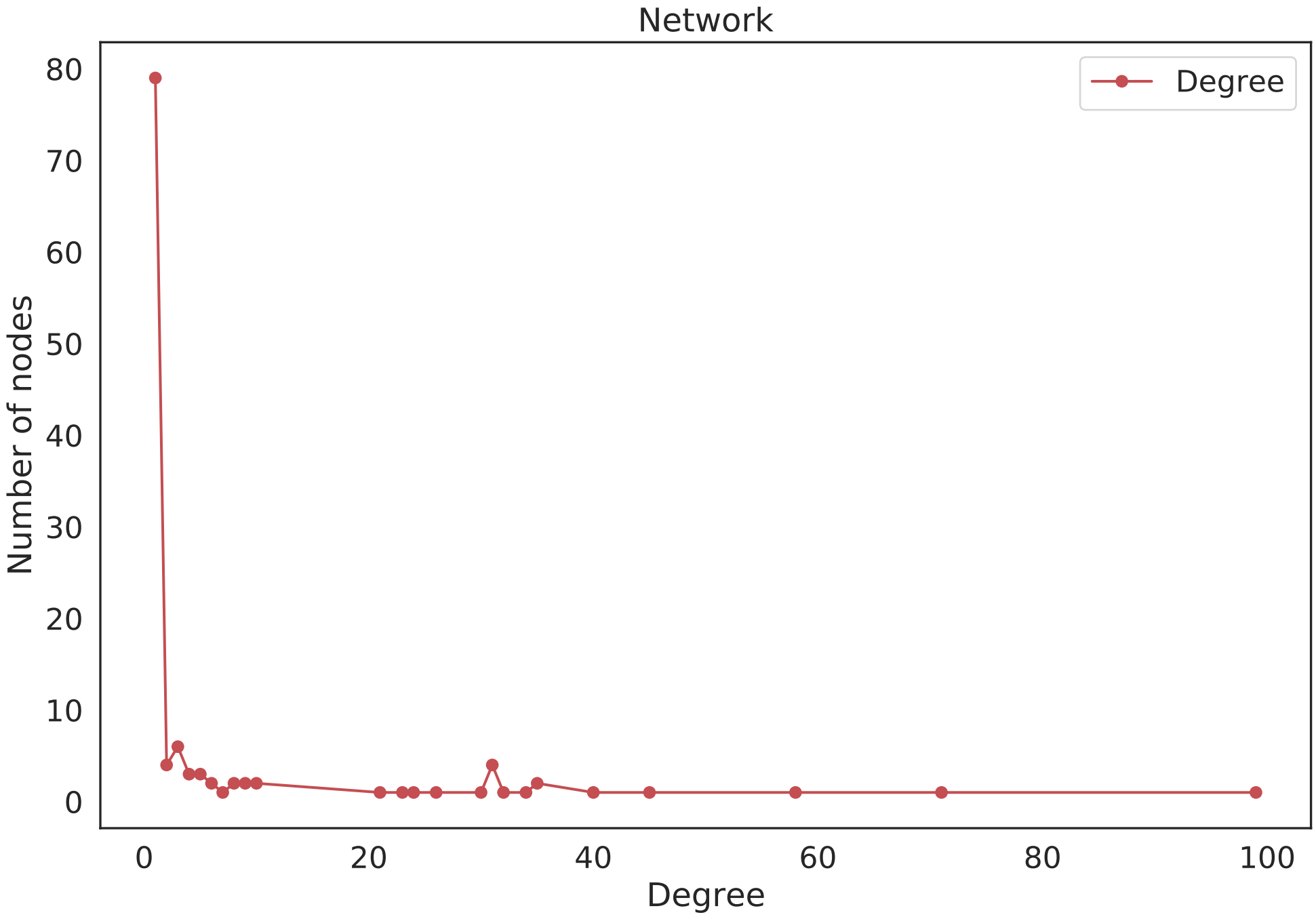
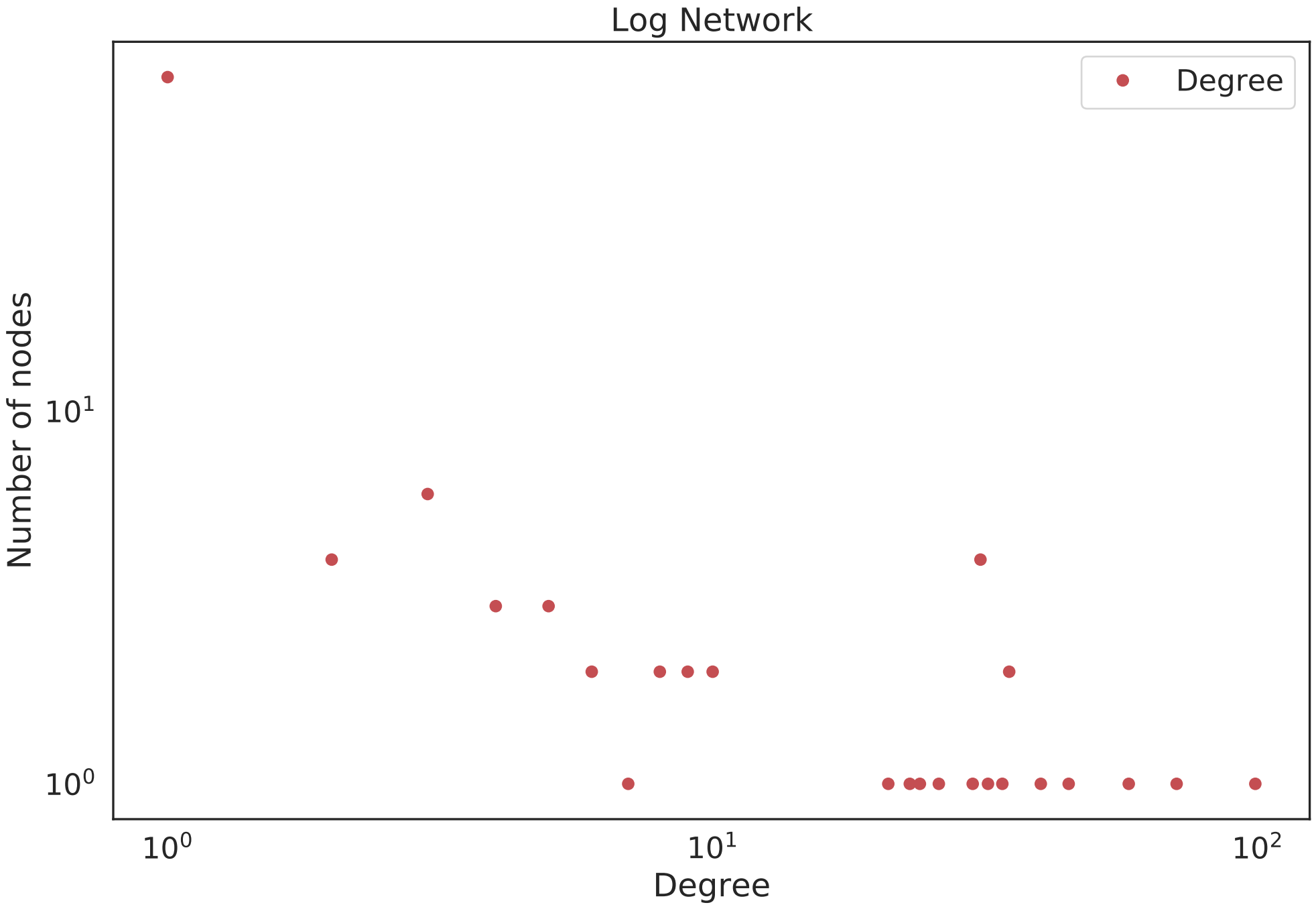
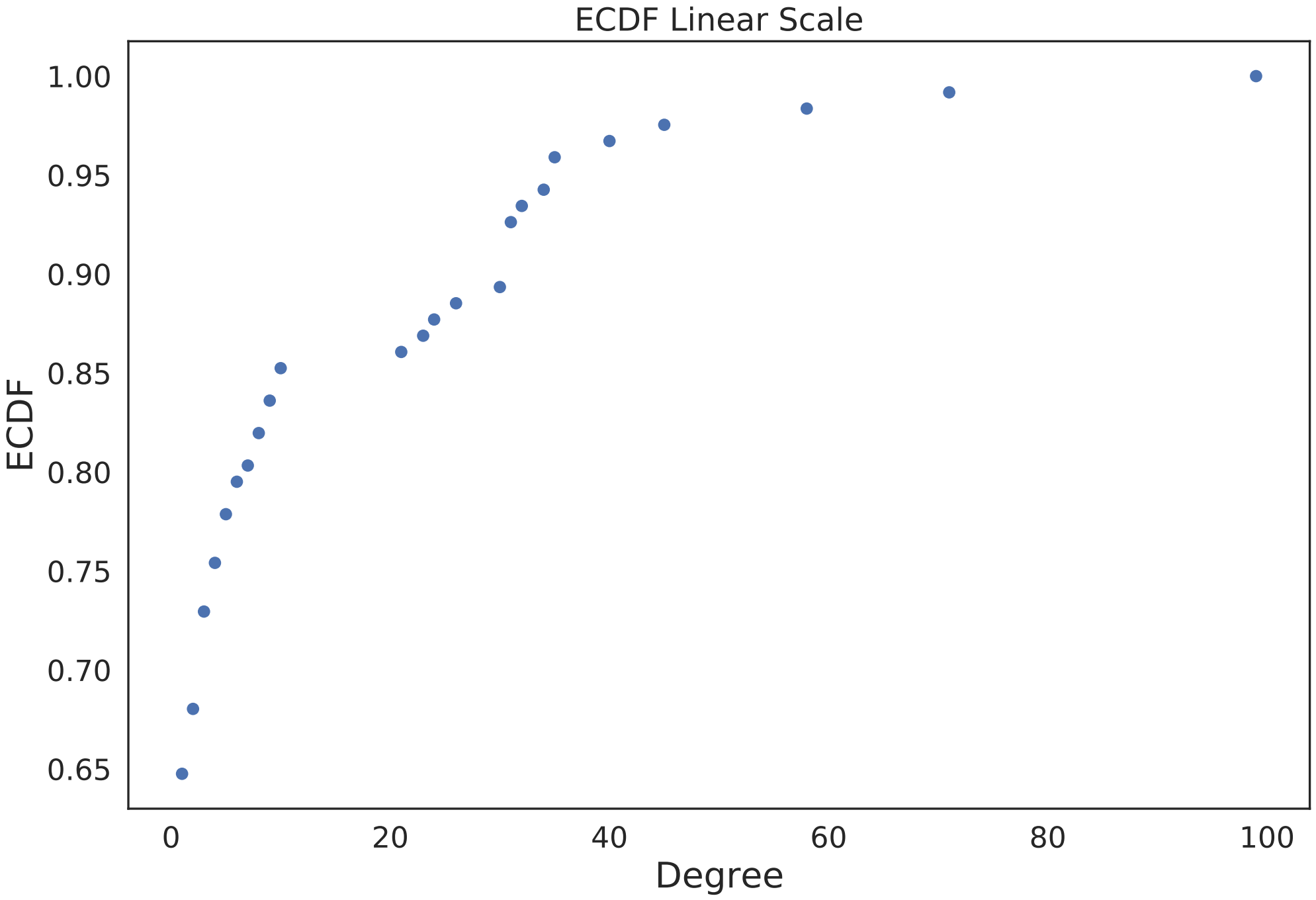

Degree distribution visualisations
Degree Distribution
100
80
60
40
20
0
0
20
40
60
80
100
120

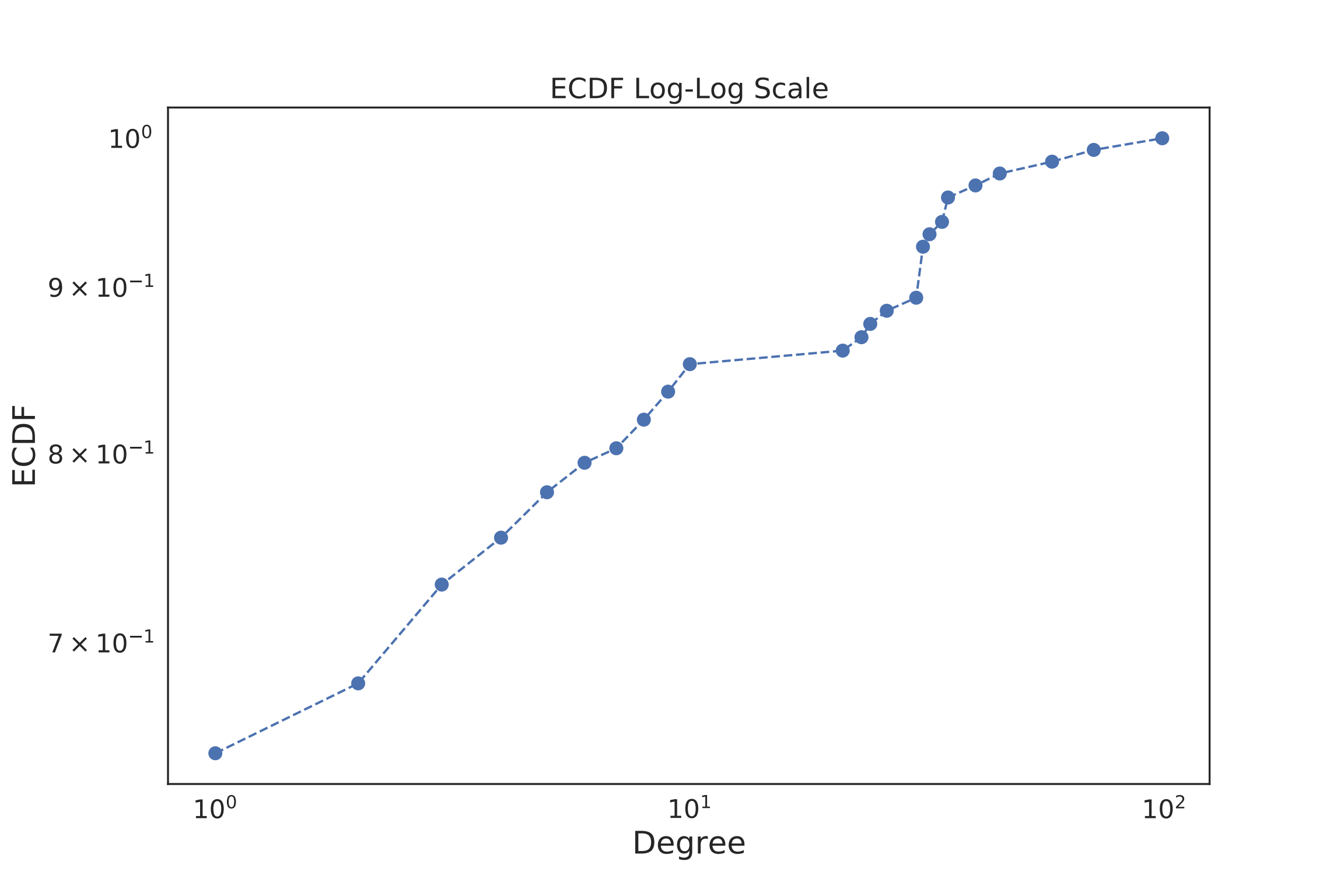

Degree Histogram
Nodes
Degree
0
10
20
30
40
50
60
70
80
0
20
40
60
80
100

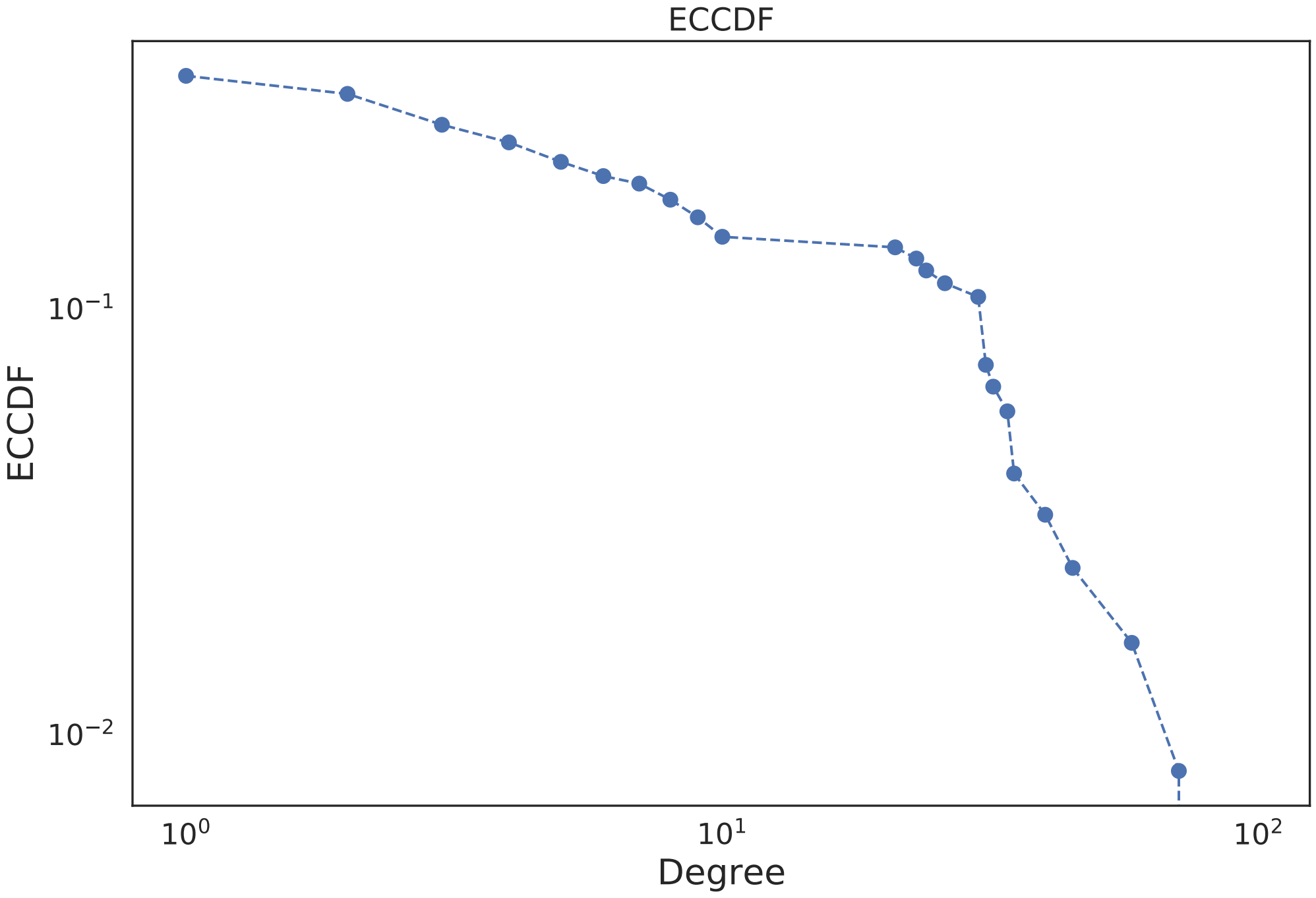

Degree Histogram
Frequency
Number of connections per node
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

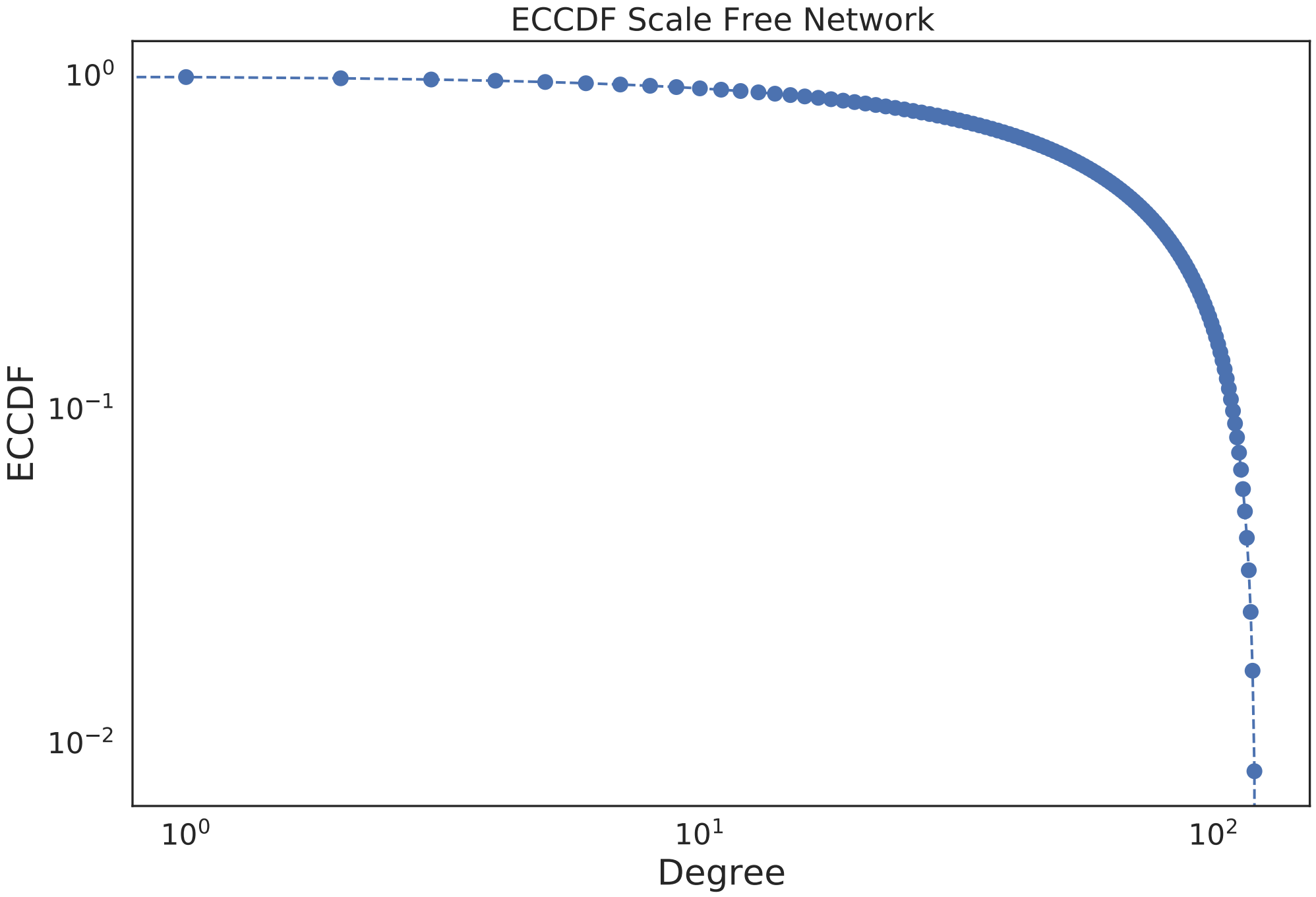

Network
Degree
Number of nodes
Degree
0
10
20
30
40
50
60
70
80
0
20
40
60
80
100

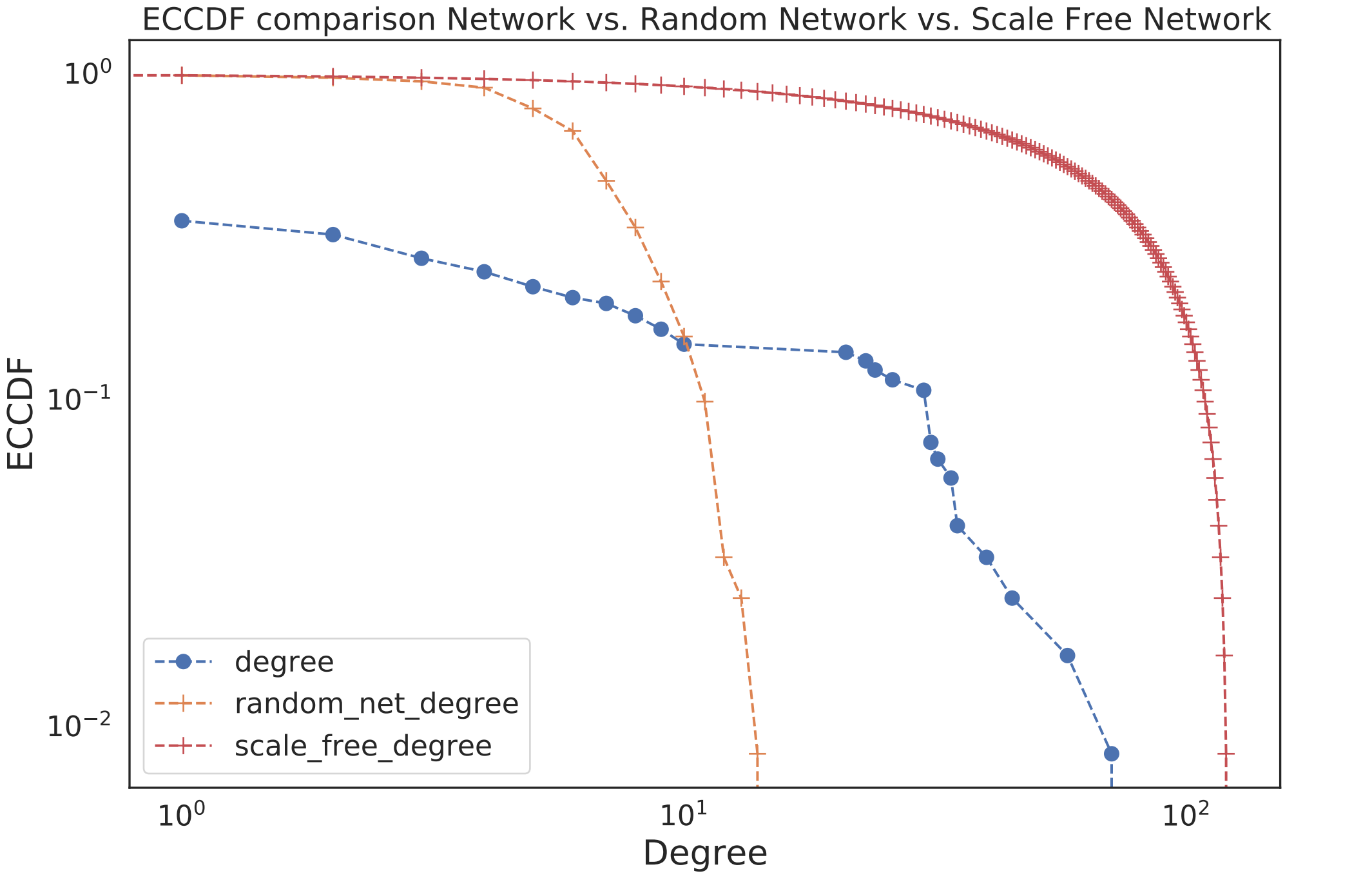

Log Network
Degree
Number of nodes
10^1
10^0
10^0
10^1
10^2
Degree

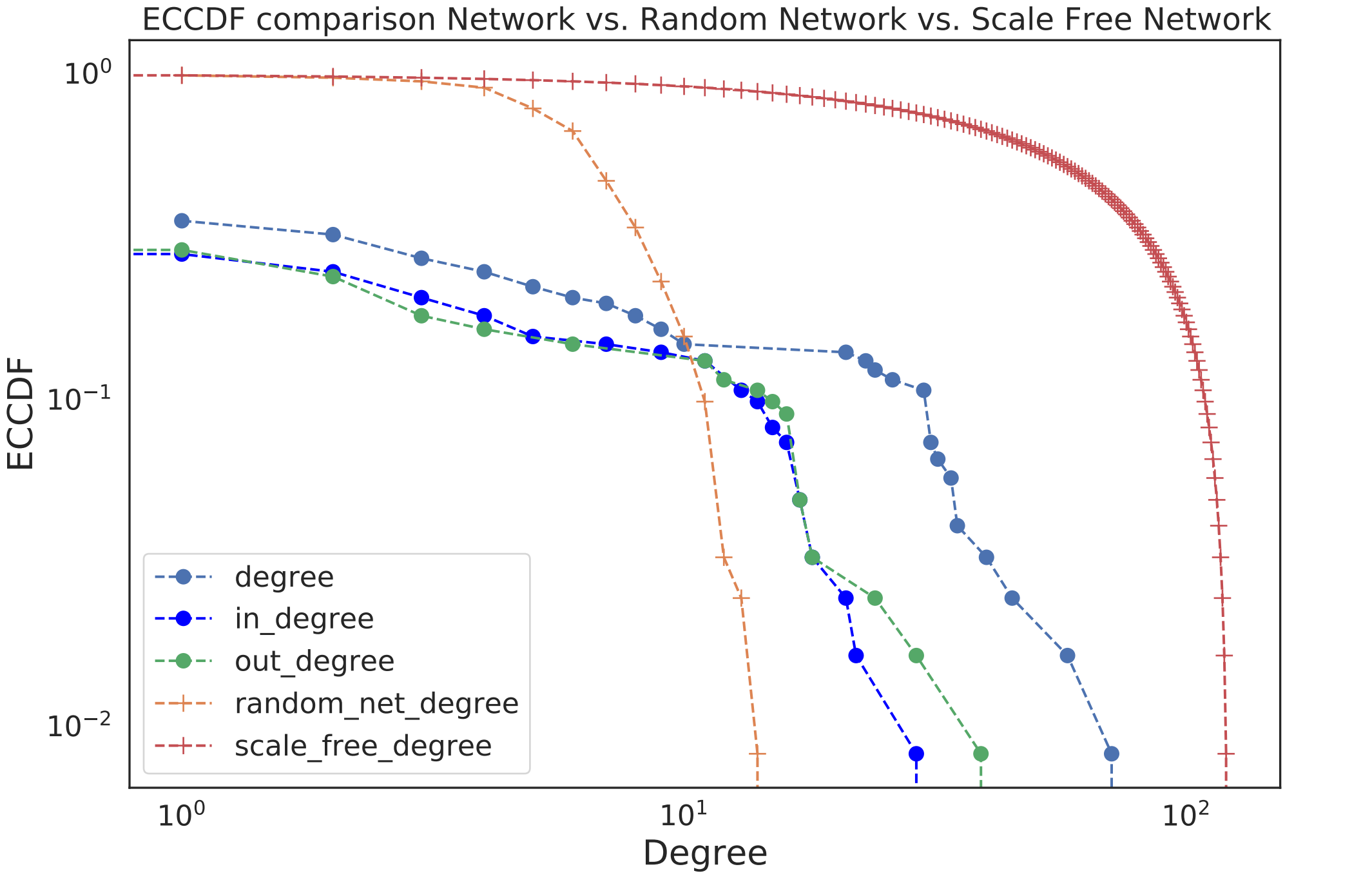

ECDF Linear Scale
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
ECDF
0
20
40
60
80
100
Degree

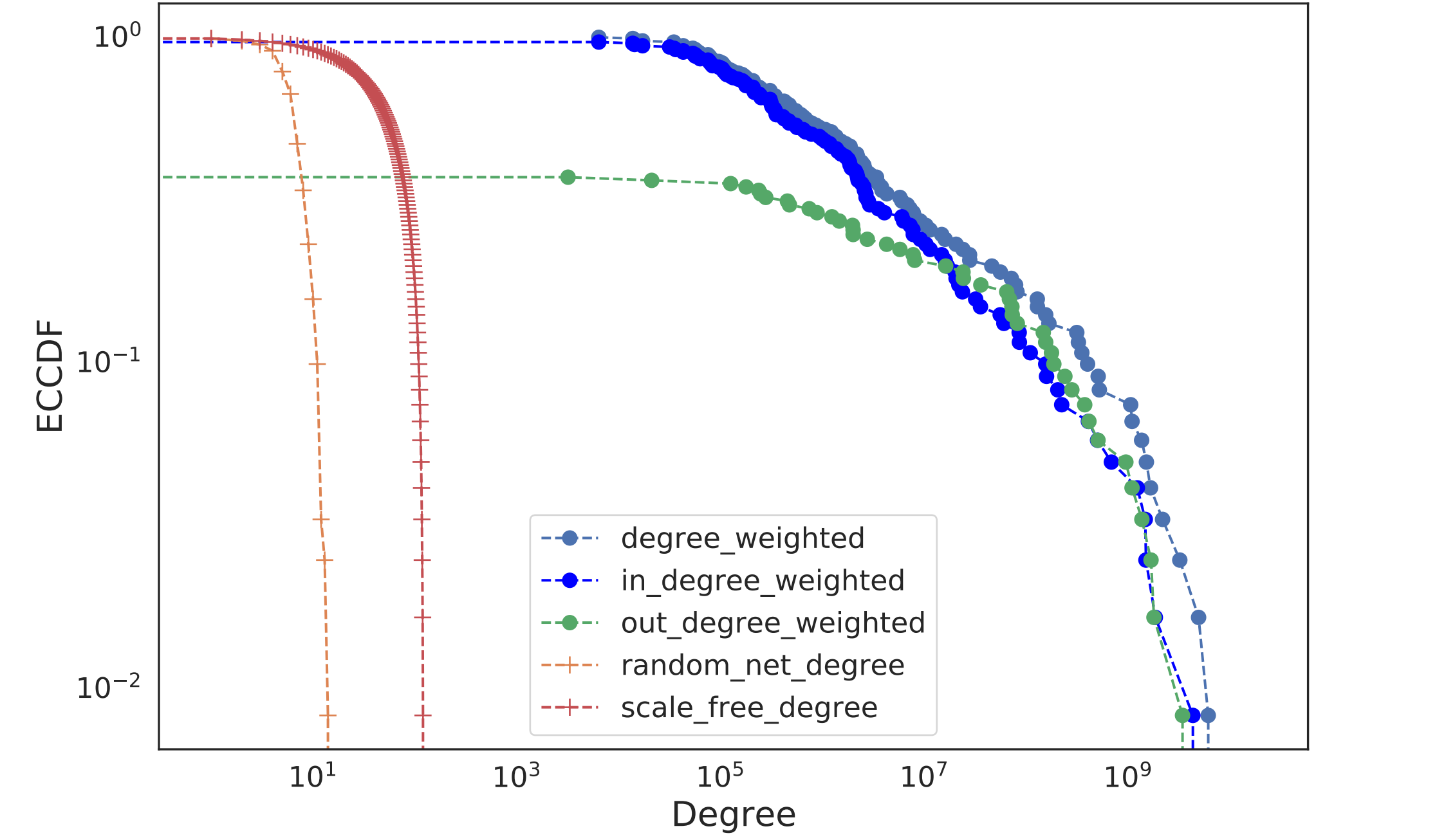

ECDF Log-Log Scale
ECDF
Degree
10^0
9×10^{-1}
8×10^{-1}
7×10^{-1}
10^0
10^1
10^2


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


ECCDF Scale Free Network
ECCDF
10^0
10^{-1}
10^{-2}
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
Degree
degree_weighted
in_degree_weighted
out_degree_weighted
random_net_degree
scale_free_degree

Infos

Number of nodes: 122
Number of links: 464
Random Net Standard deviation: 2.774466060134638
Random Net Mean: 7.60655737704918
Random Net Median: 7.0
Random Net Min: 1
Random Net Max: 17