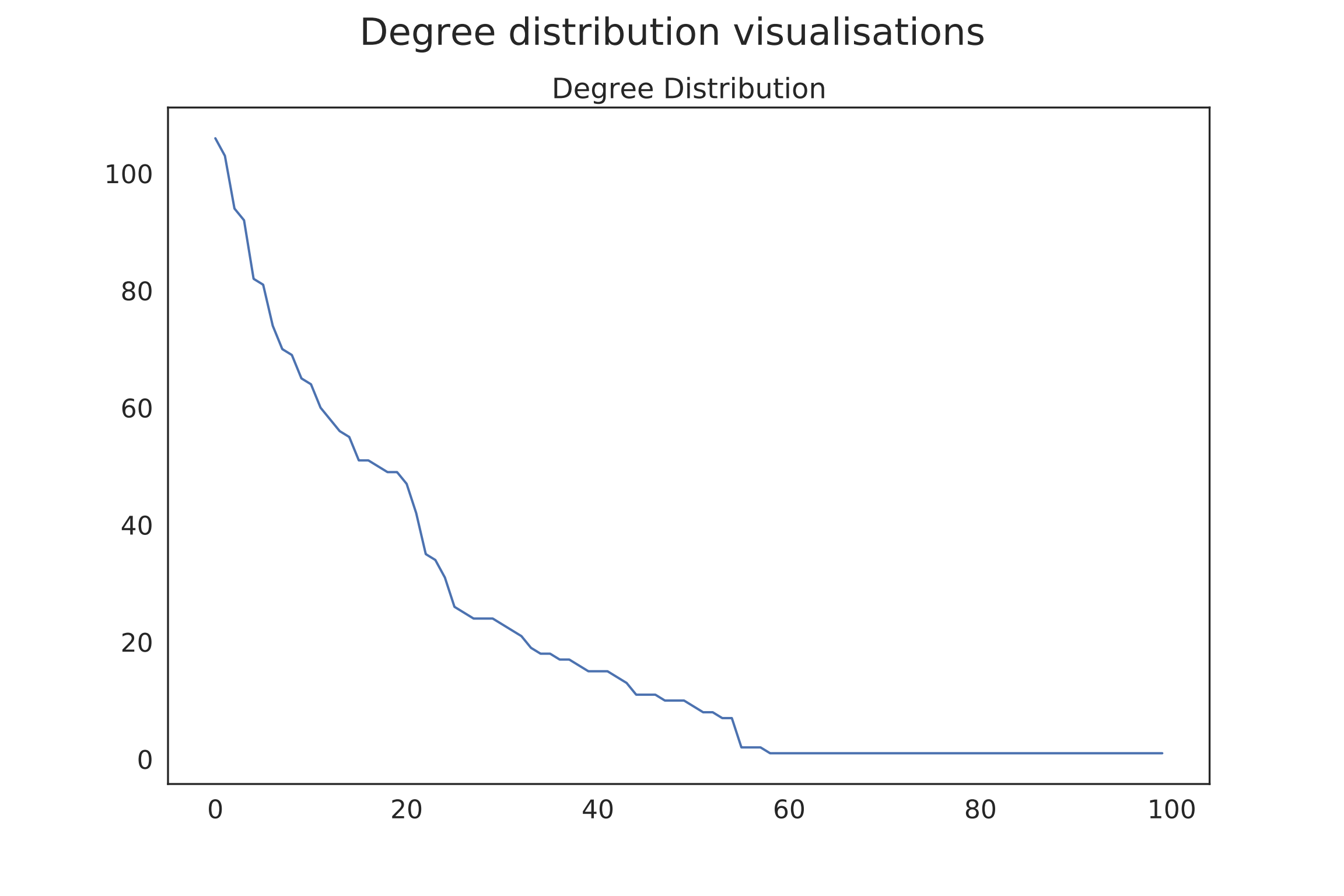
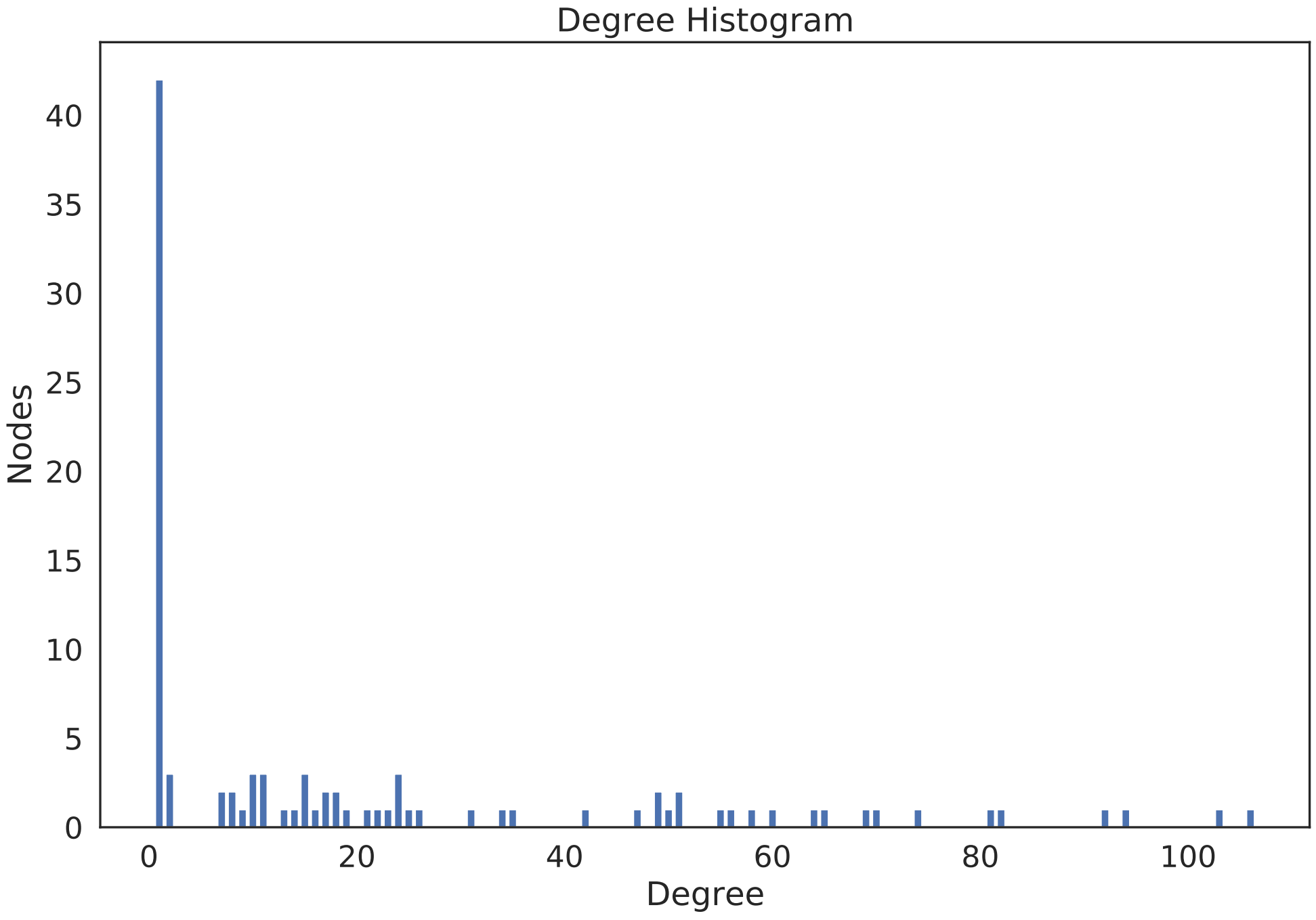
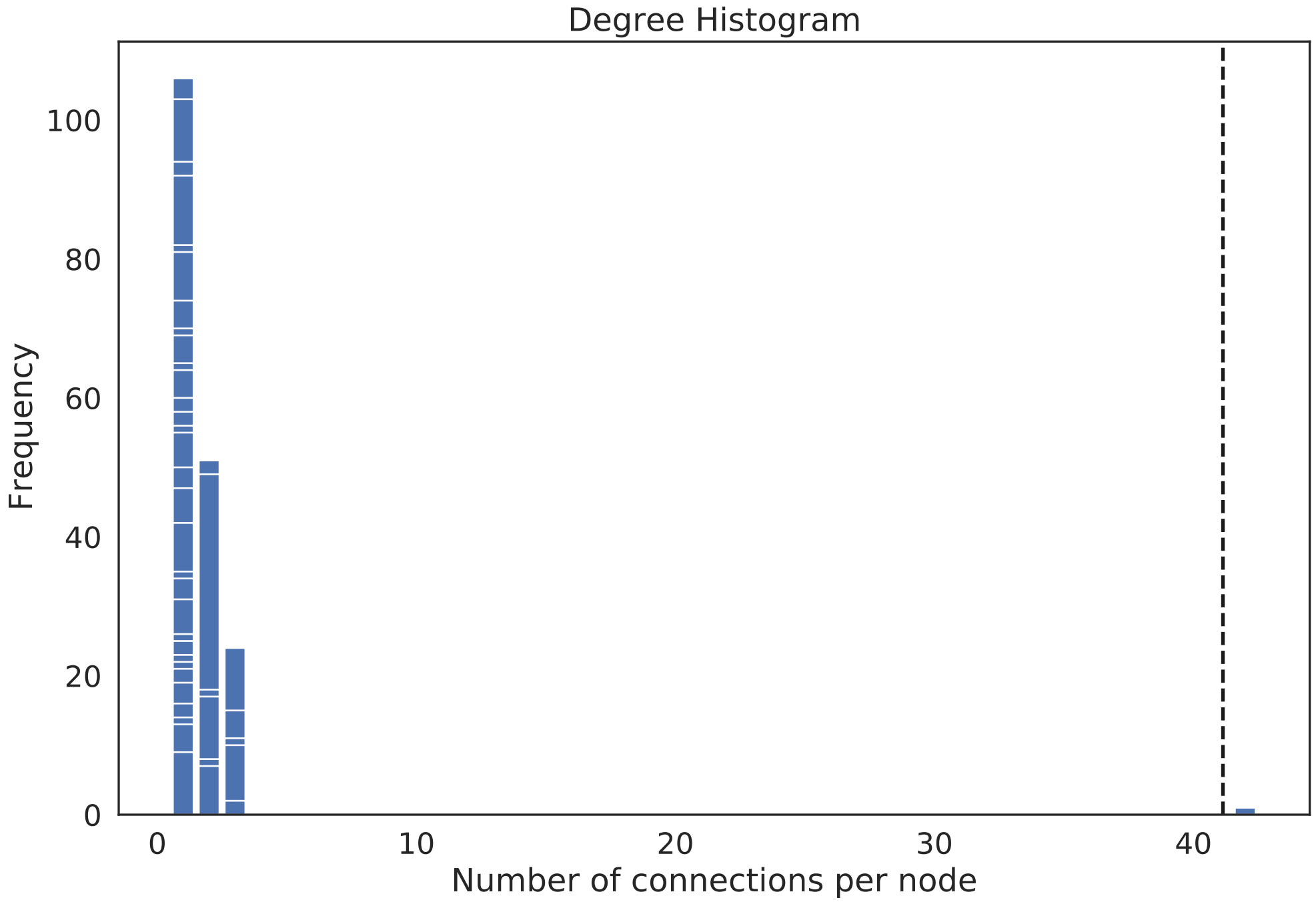
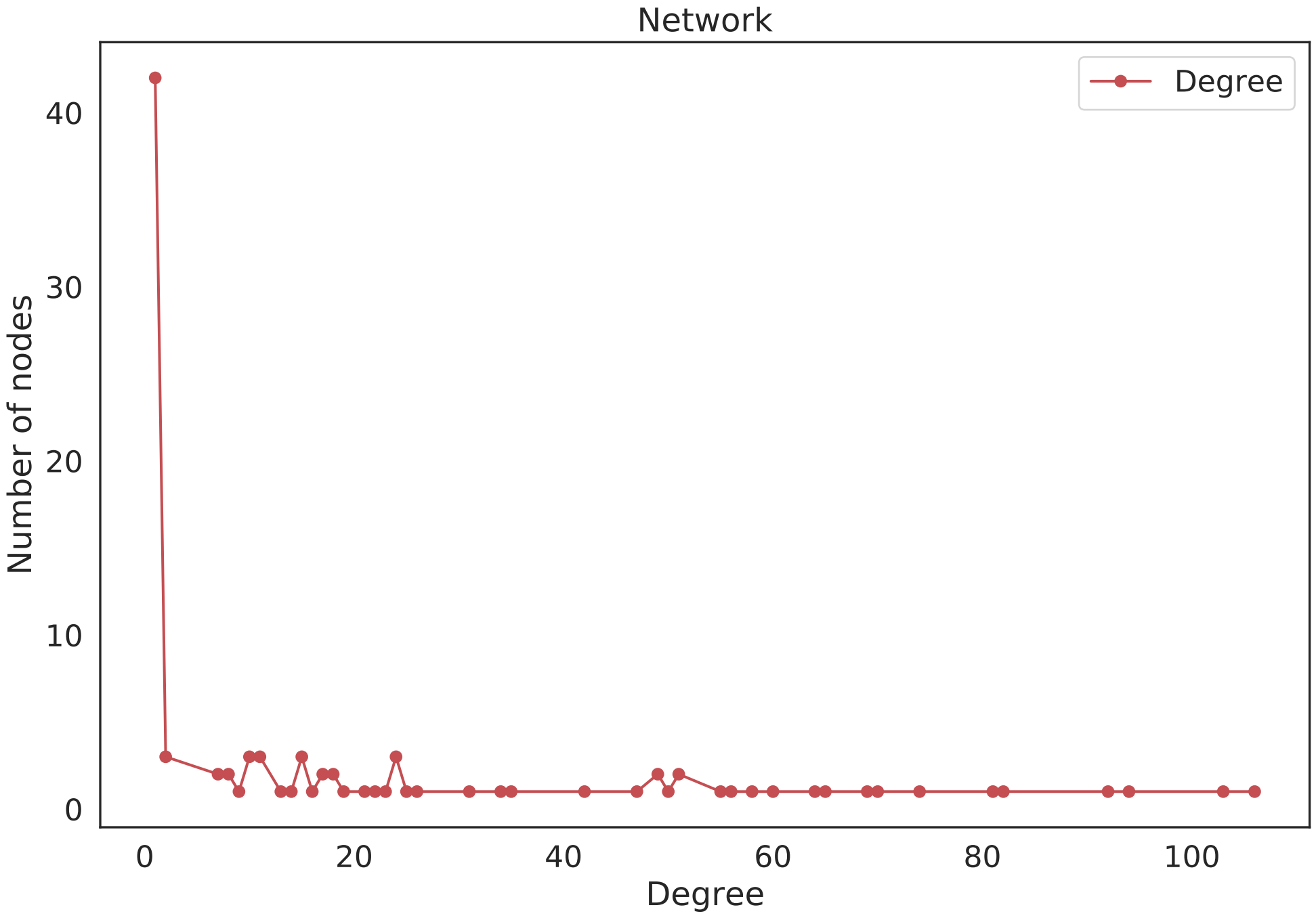
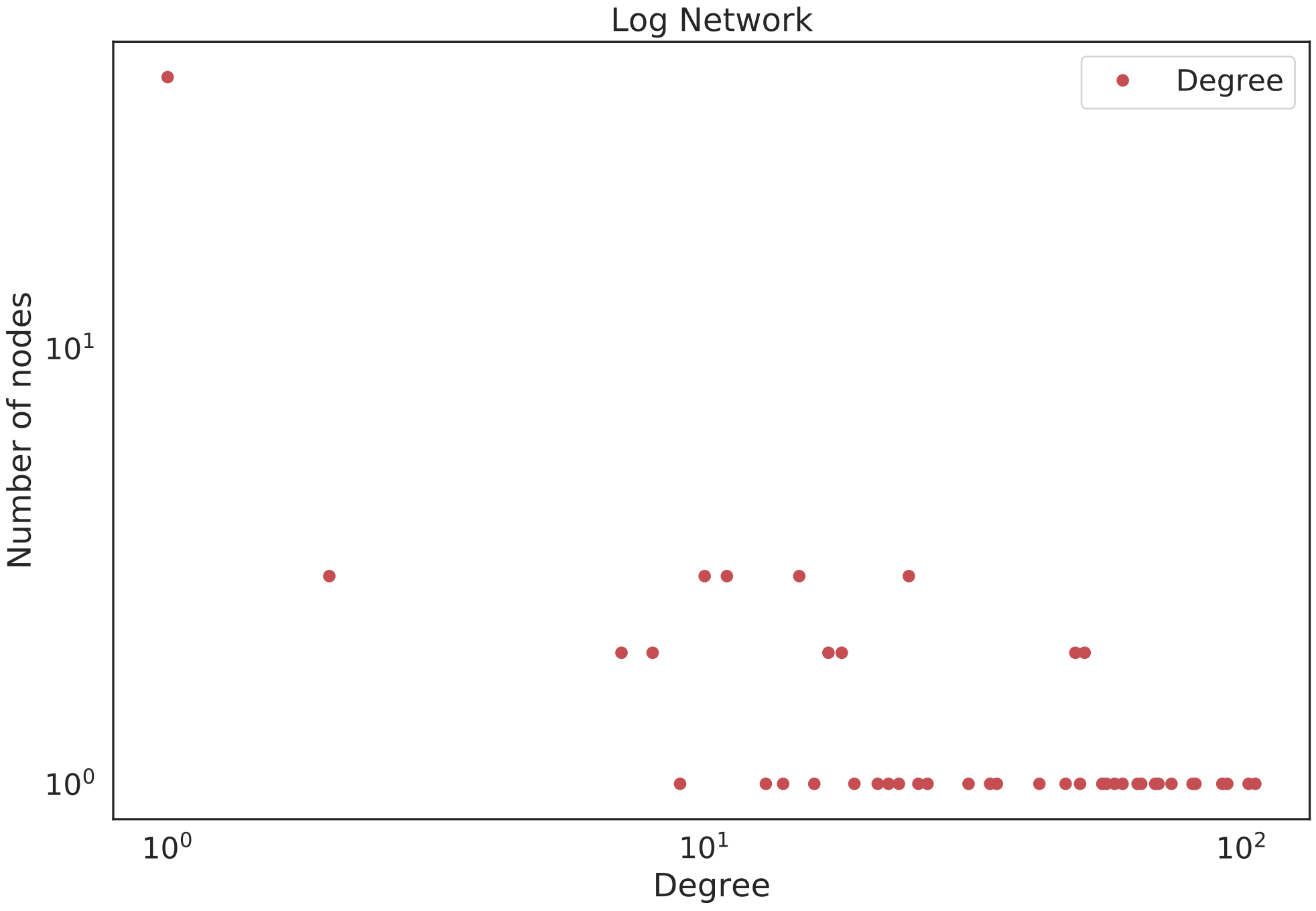
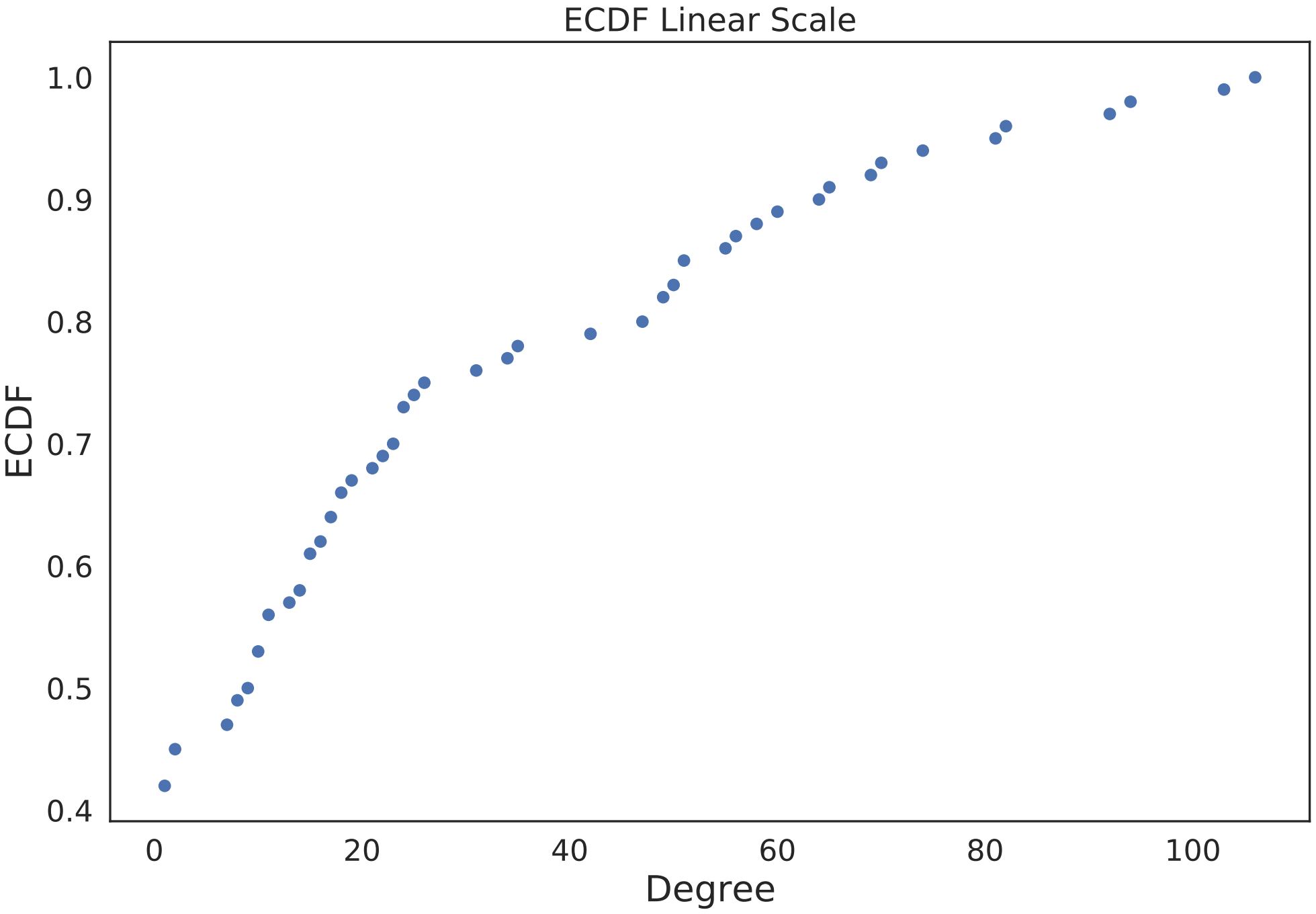

Degree distribution visualisations
Degree Distribution
100
80
60
40
20
0
0
20
40
60
80
100

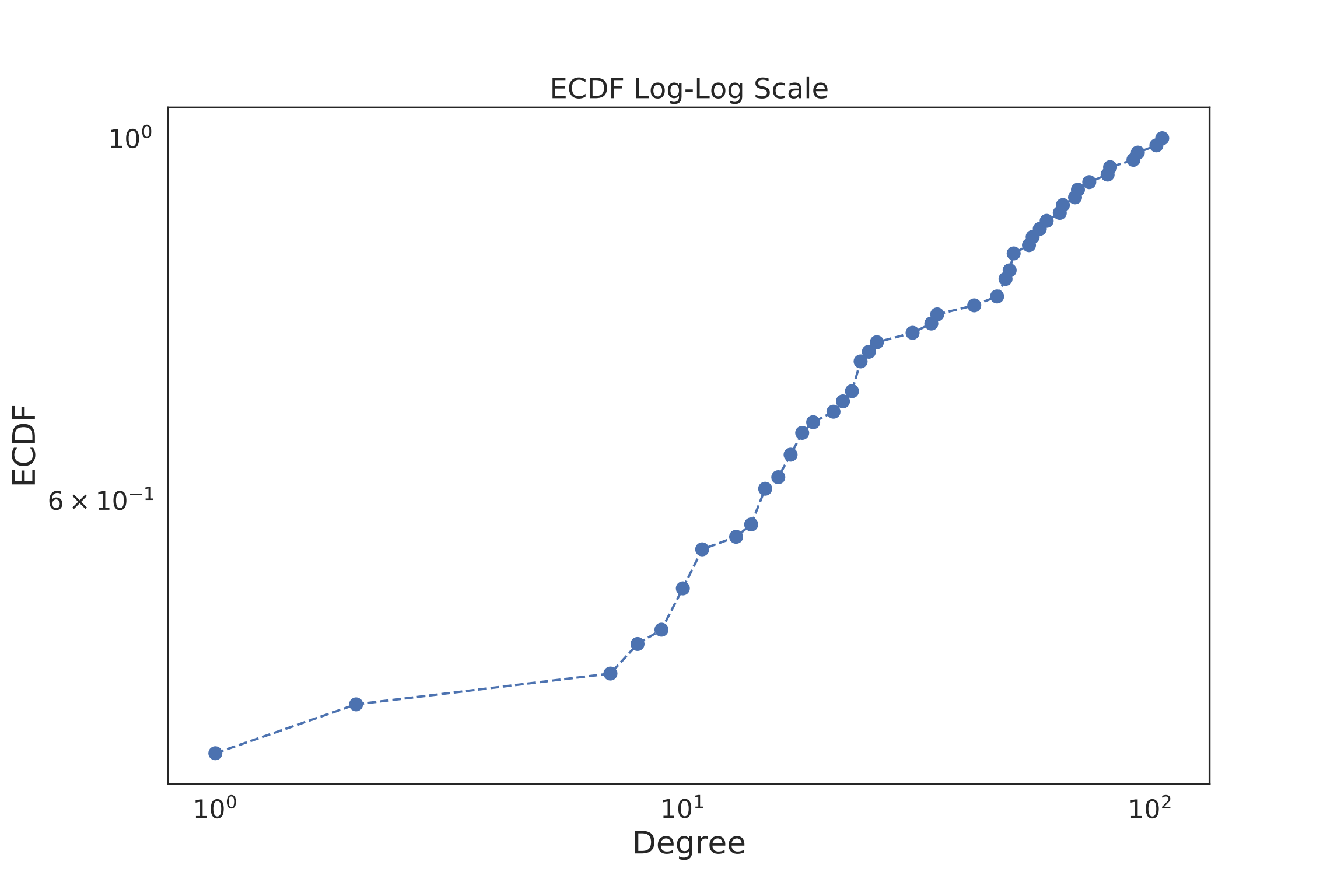

Degree Histogram
Nodes
Degree
0
5
10
15
20
25
30
35
40
0
20
40
60
80
100

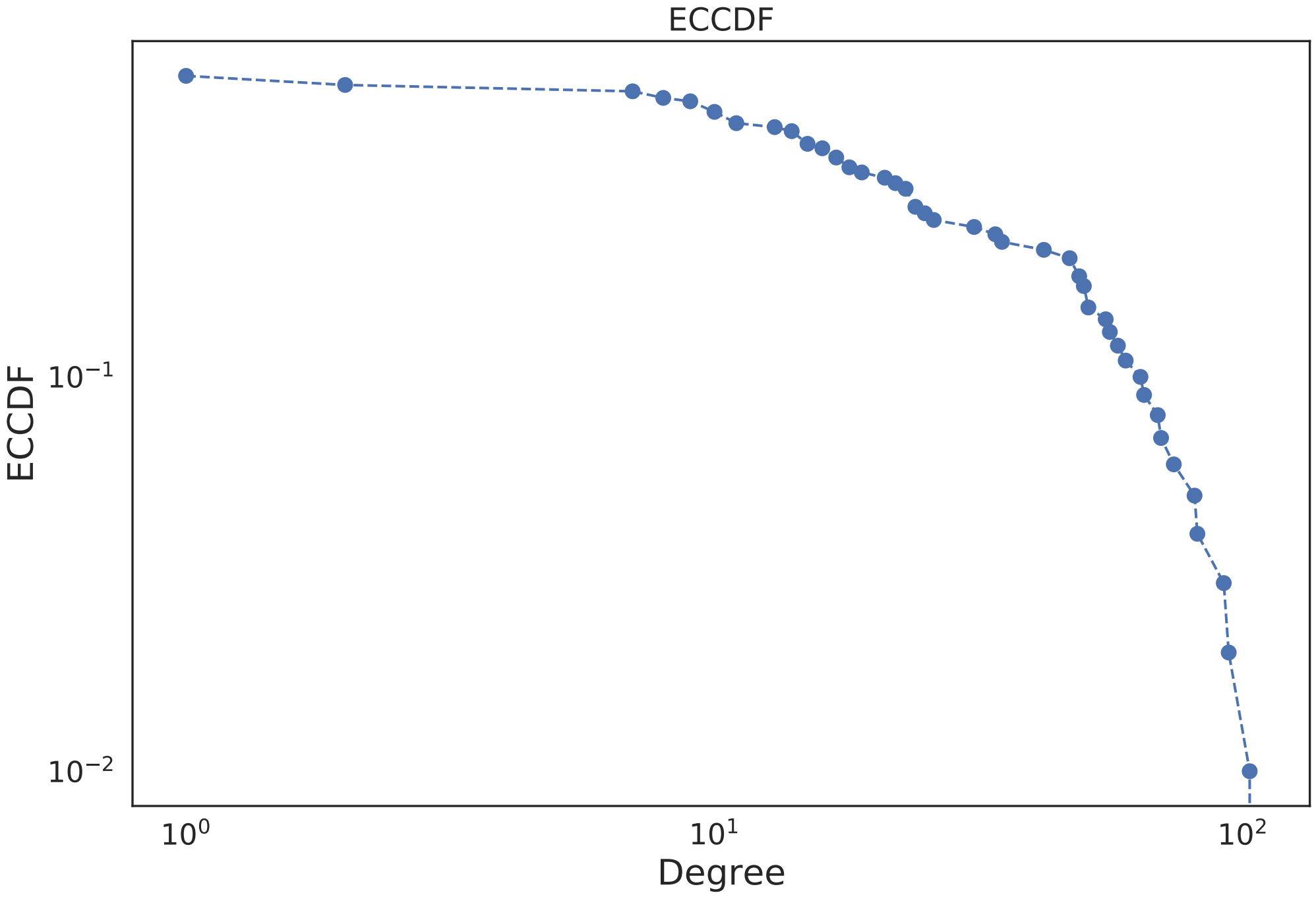

Degree Histogram
Frequency
0
20
40
60
80
100
0
10
20
30
40
Number of connections per node

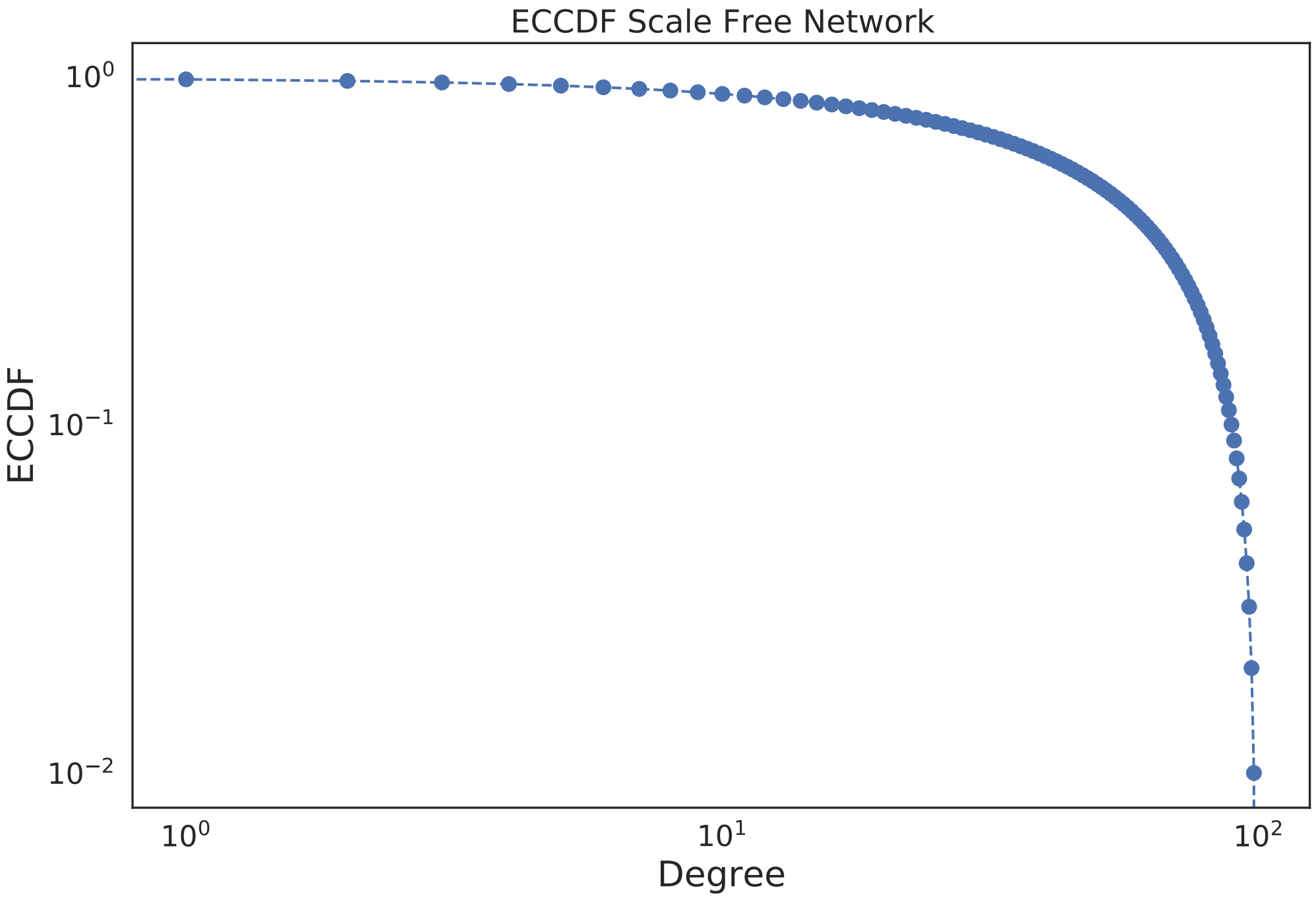

Network
Degree
Number of nodes
0
10
20
30
40
0
20
40
60
80
100
Degree

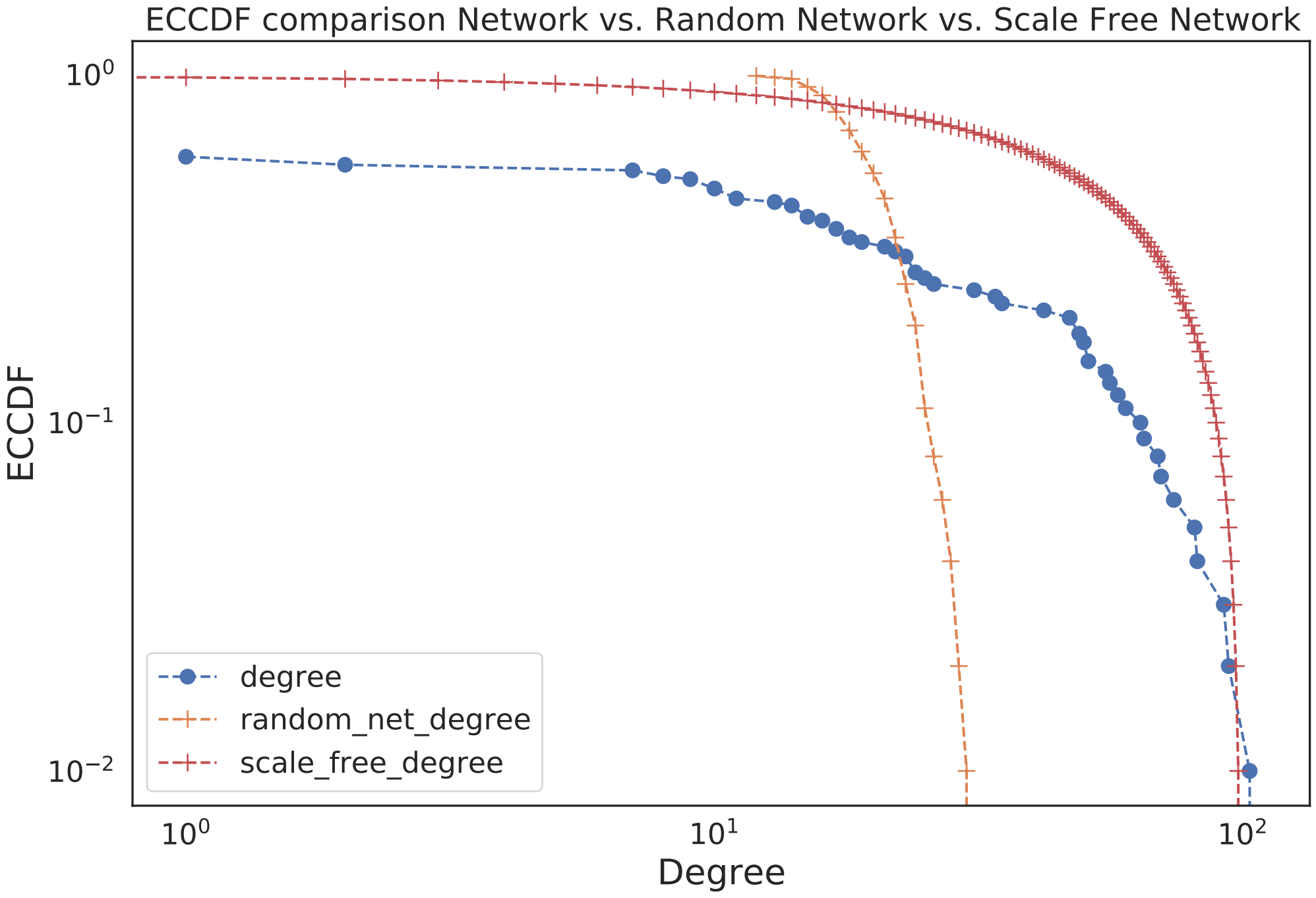

Log Network
Degree
Number of nodes
$10^1$
$10^0$
$10^0$
$10^1$
$10^2$
Degree

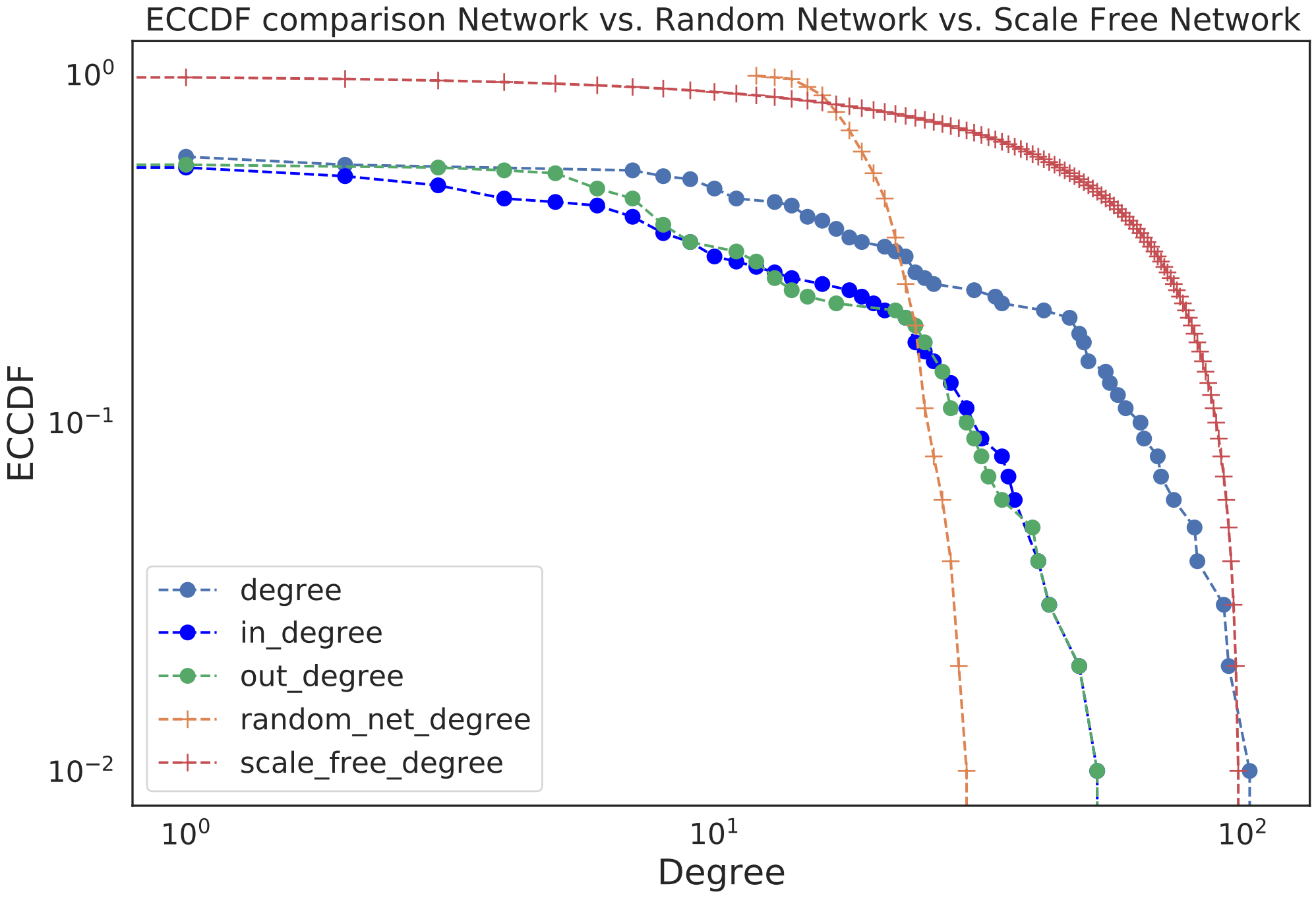

ECDF Linear Scale
ECDF
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0
20
40
60
80
100
Degree

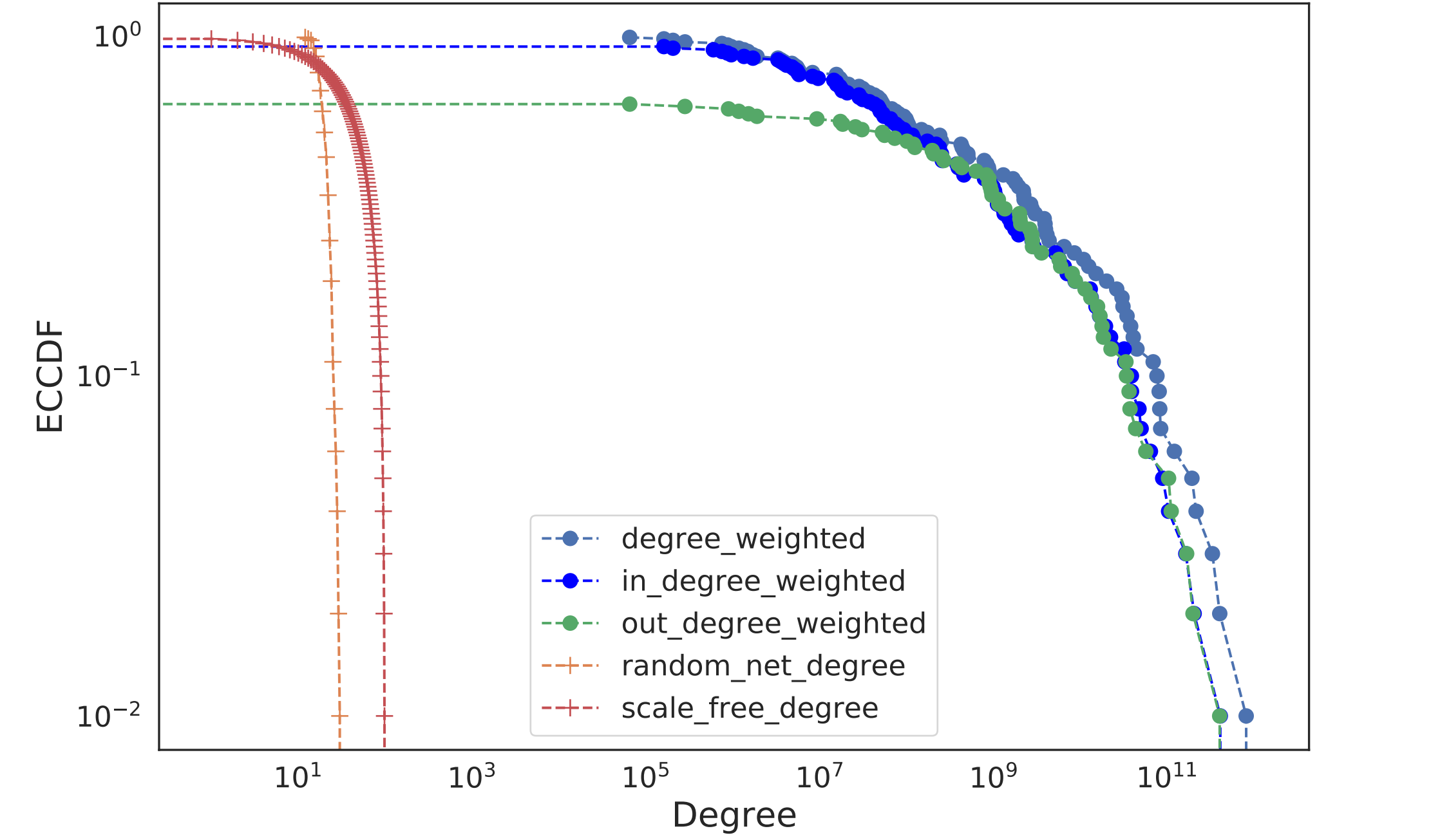

ECDF Log-Log Scale
ECDF
$10^0$
$6 \times 10^{-1}$
$10^0$
$10^1$
$10^2$
Degree


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


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


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


ECCDF comparison Network vs. Random Network vs. Scale Free Network
ECCDF
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: 100
Number of links: 1043
Random Net Standard deviation: 3.9345139471096044
Random Net Mean: 20.86
Random Net Median: 21.0
Random Net Min: 12
Random Net Max: 31