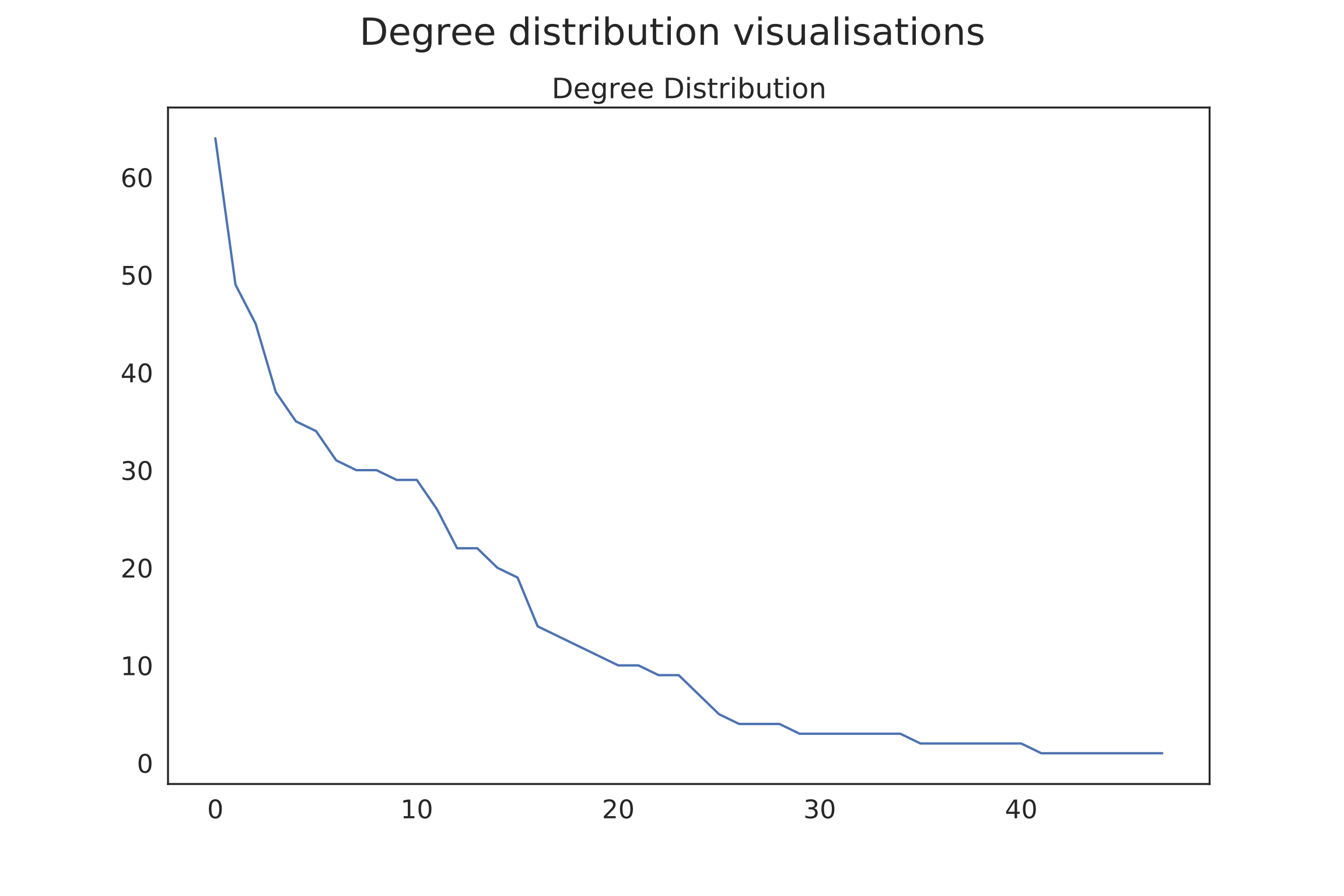
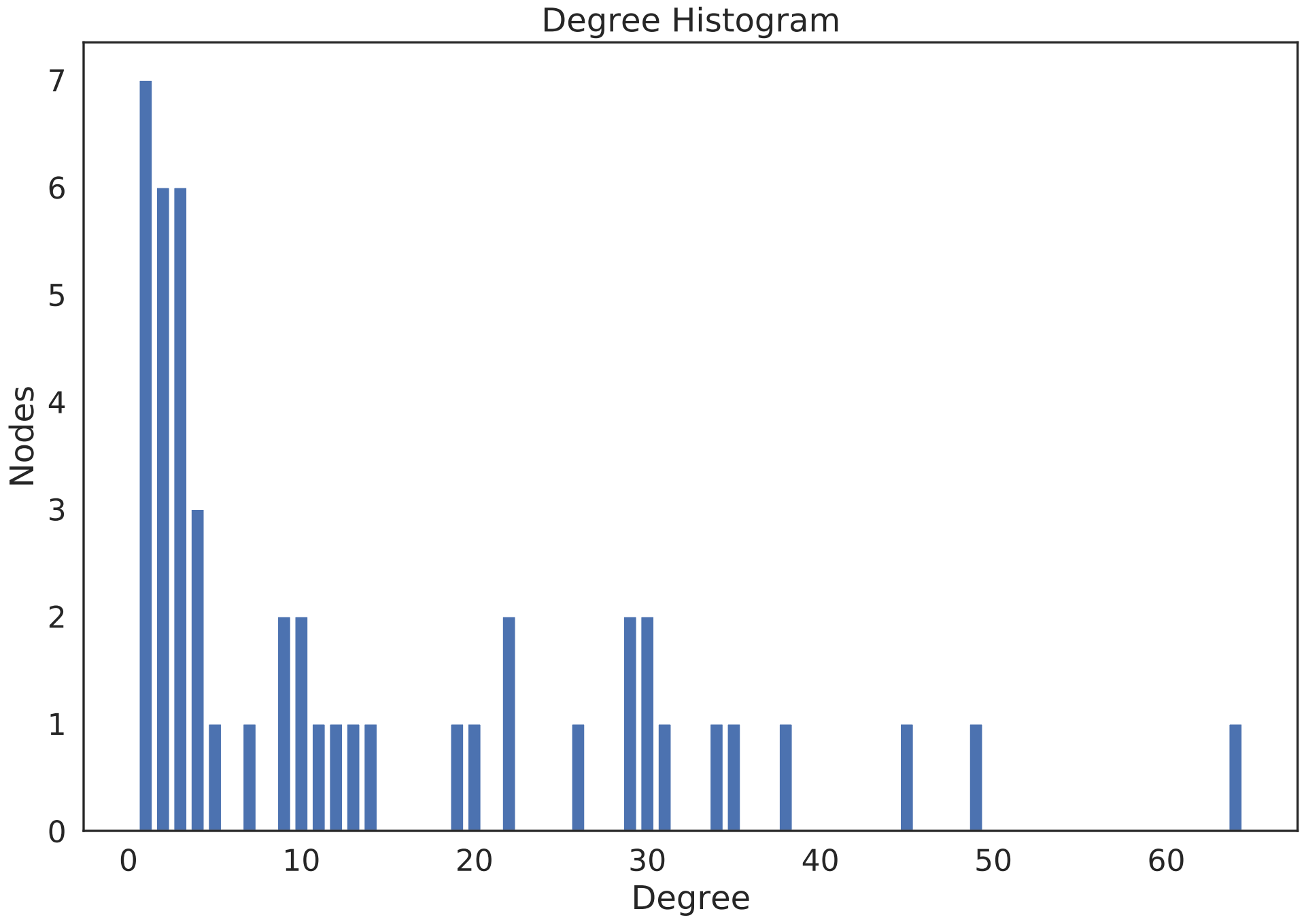
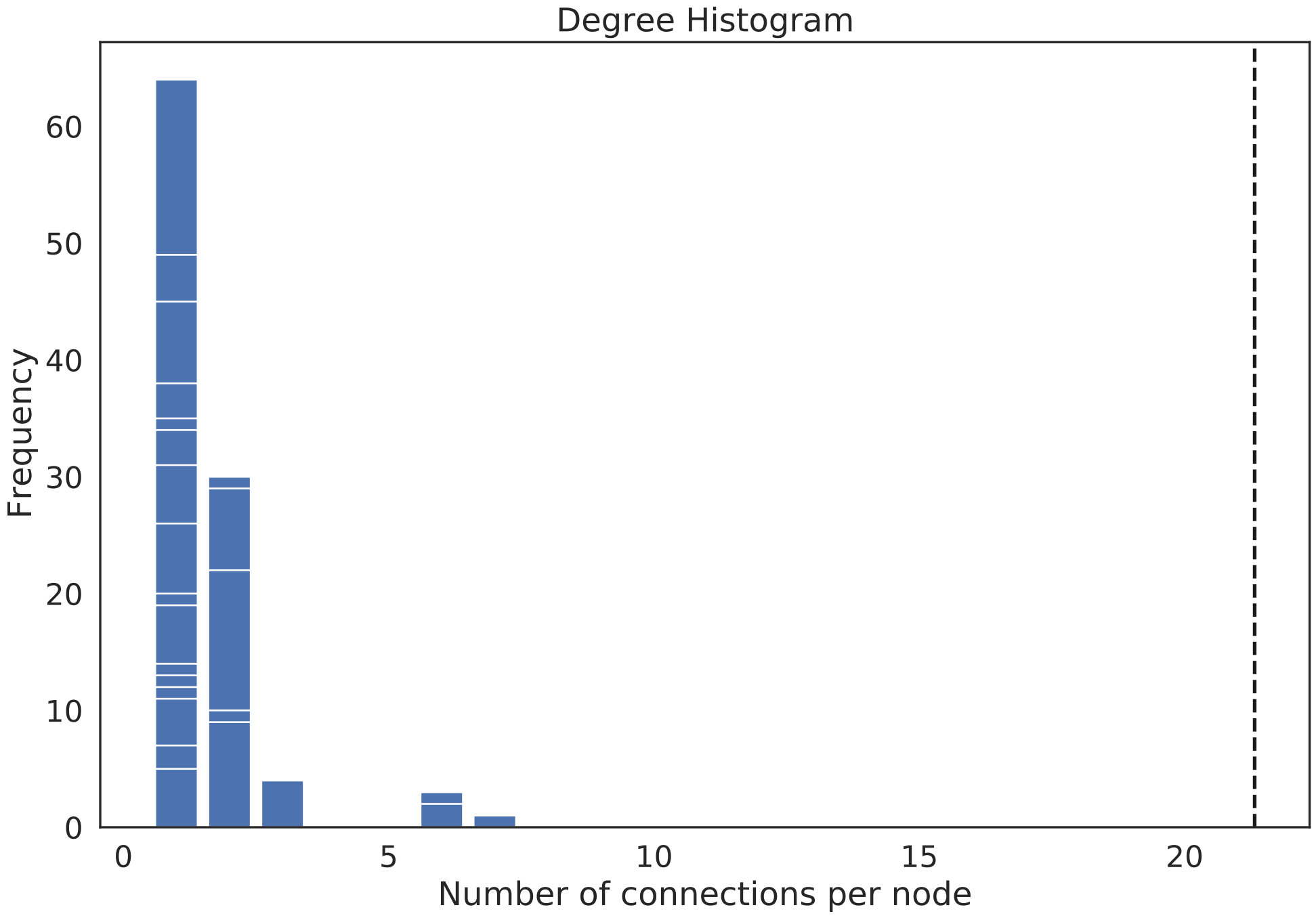
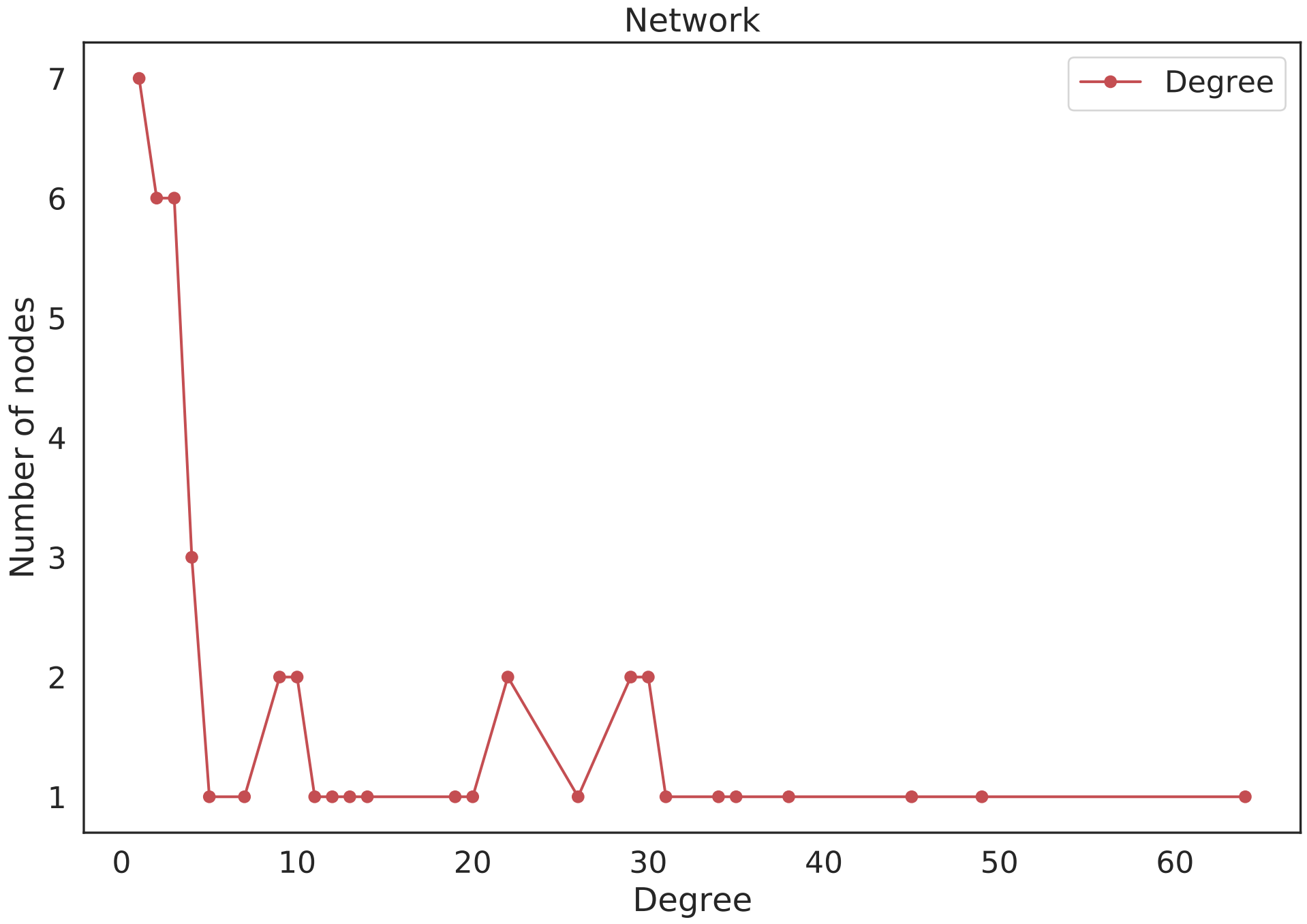
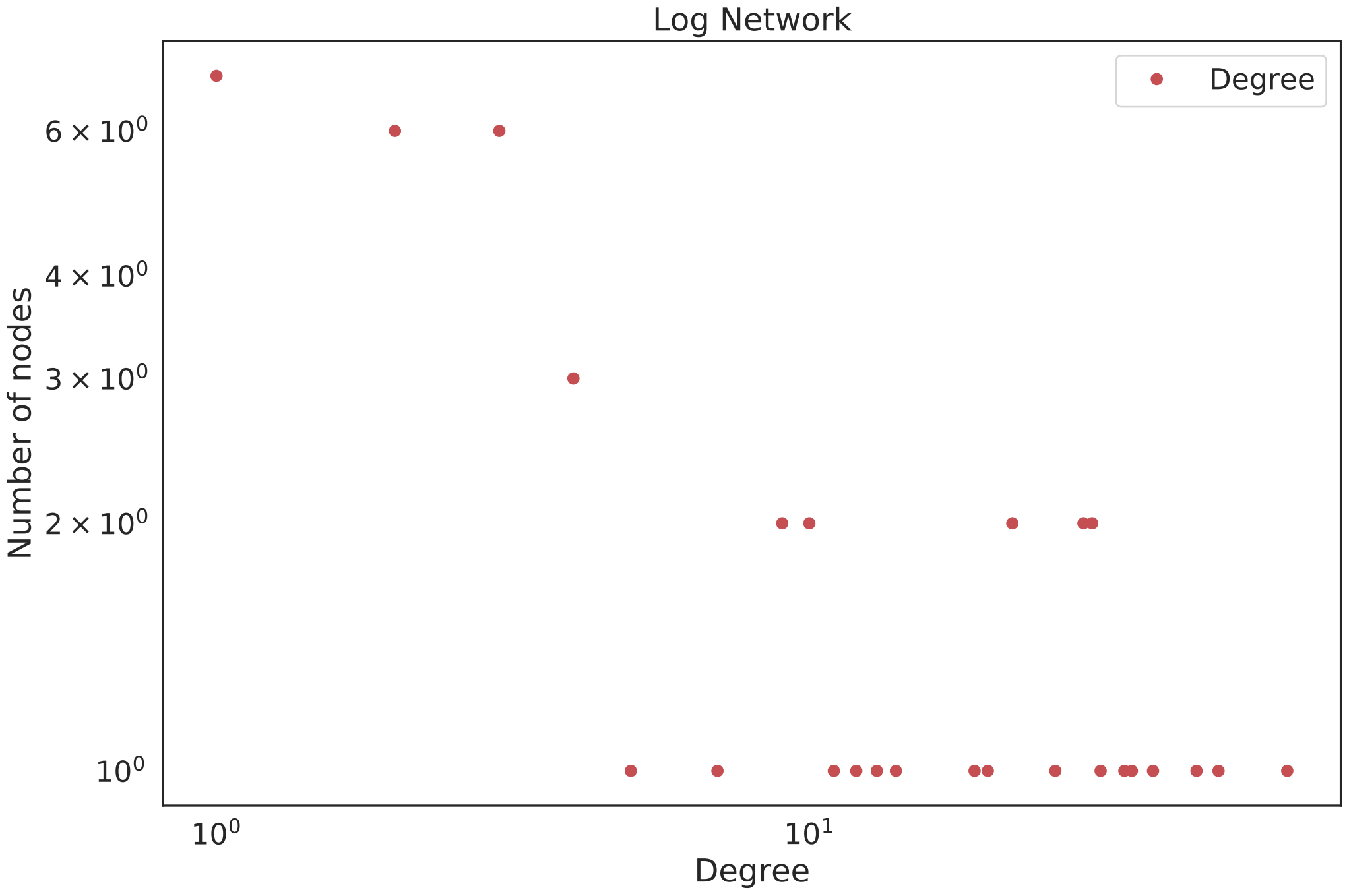
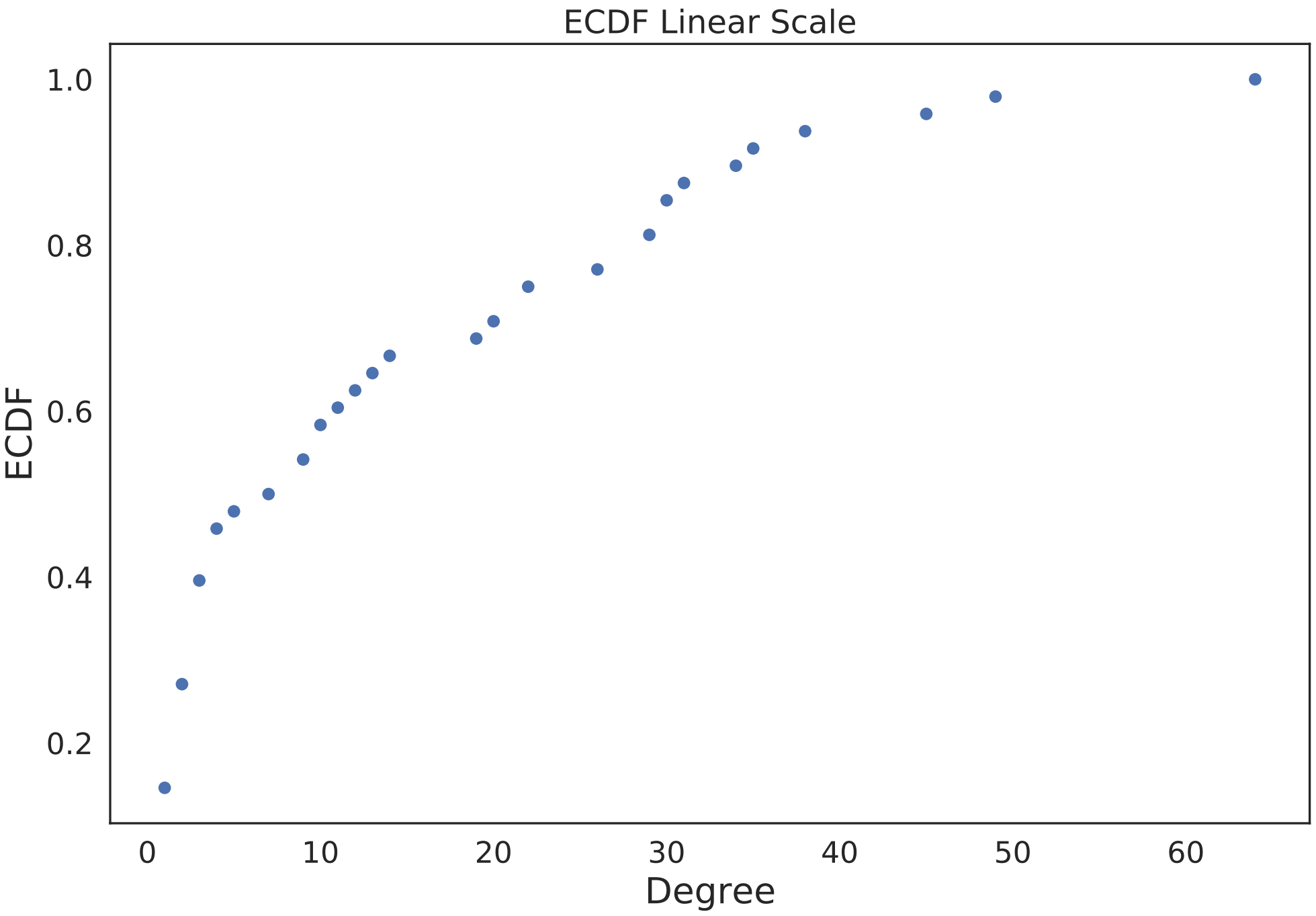

Degree distribution visualisations
Degree Distribution
60
50
40
30
20
10
0
0
10
20
30
40

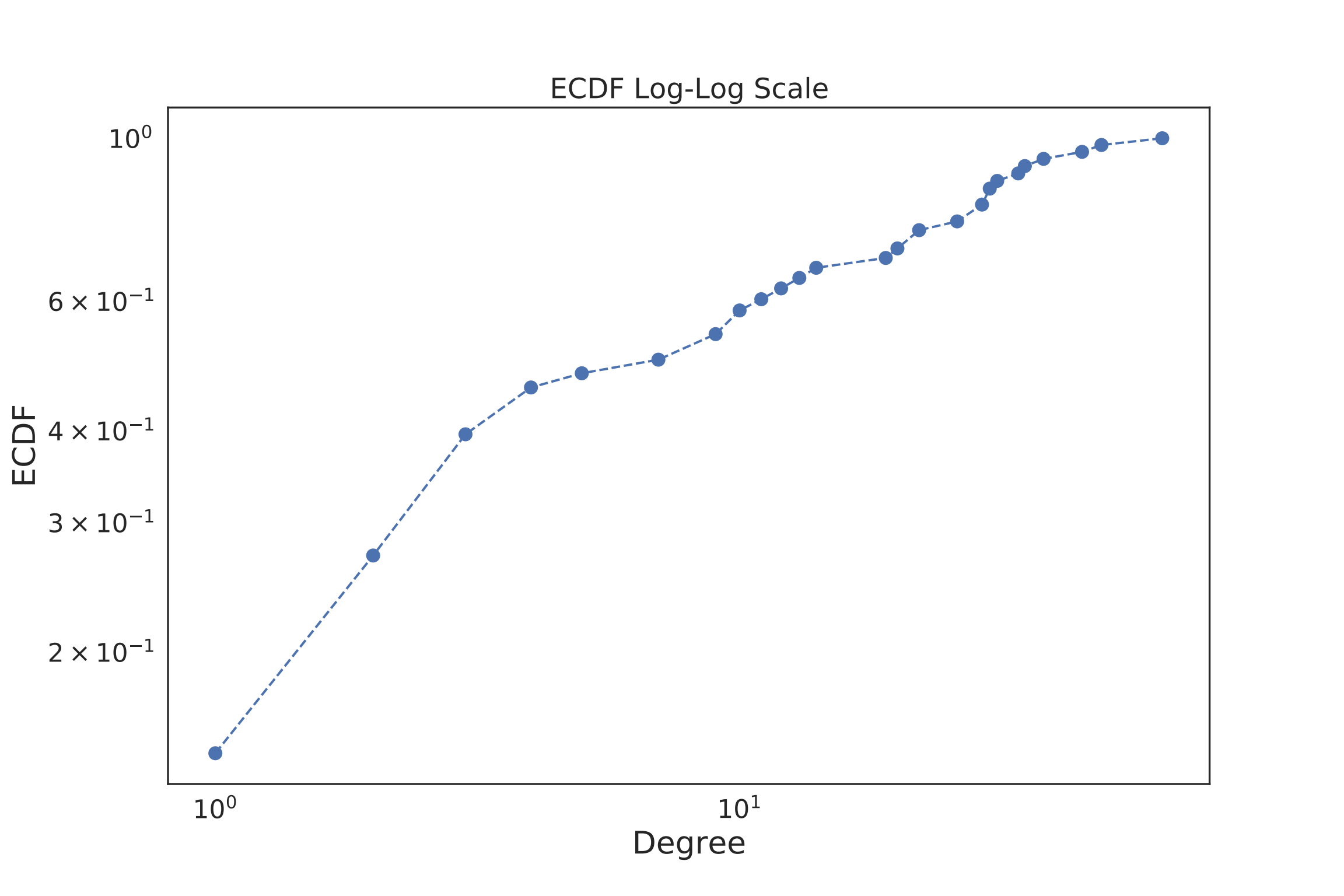

Degree Histogram
Nodes
Degree
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60

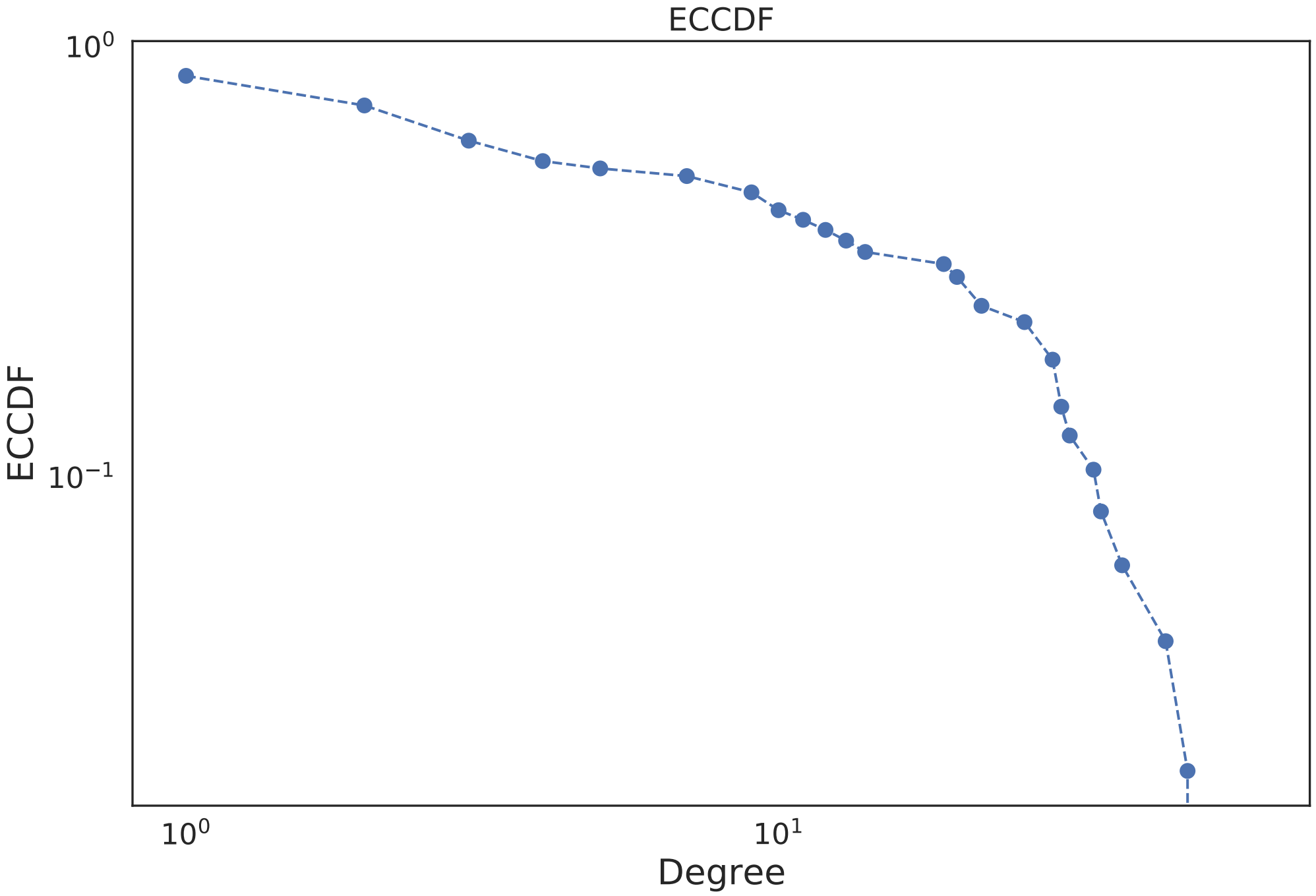

Degree Histogram
Frequency
0
10
20
30
40
50
60
0
5
10
15
20
Number of connections per node

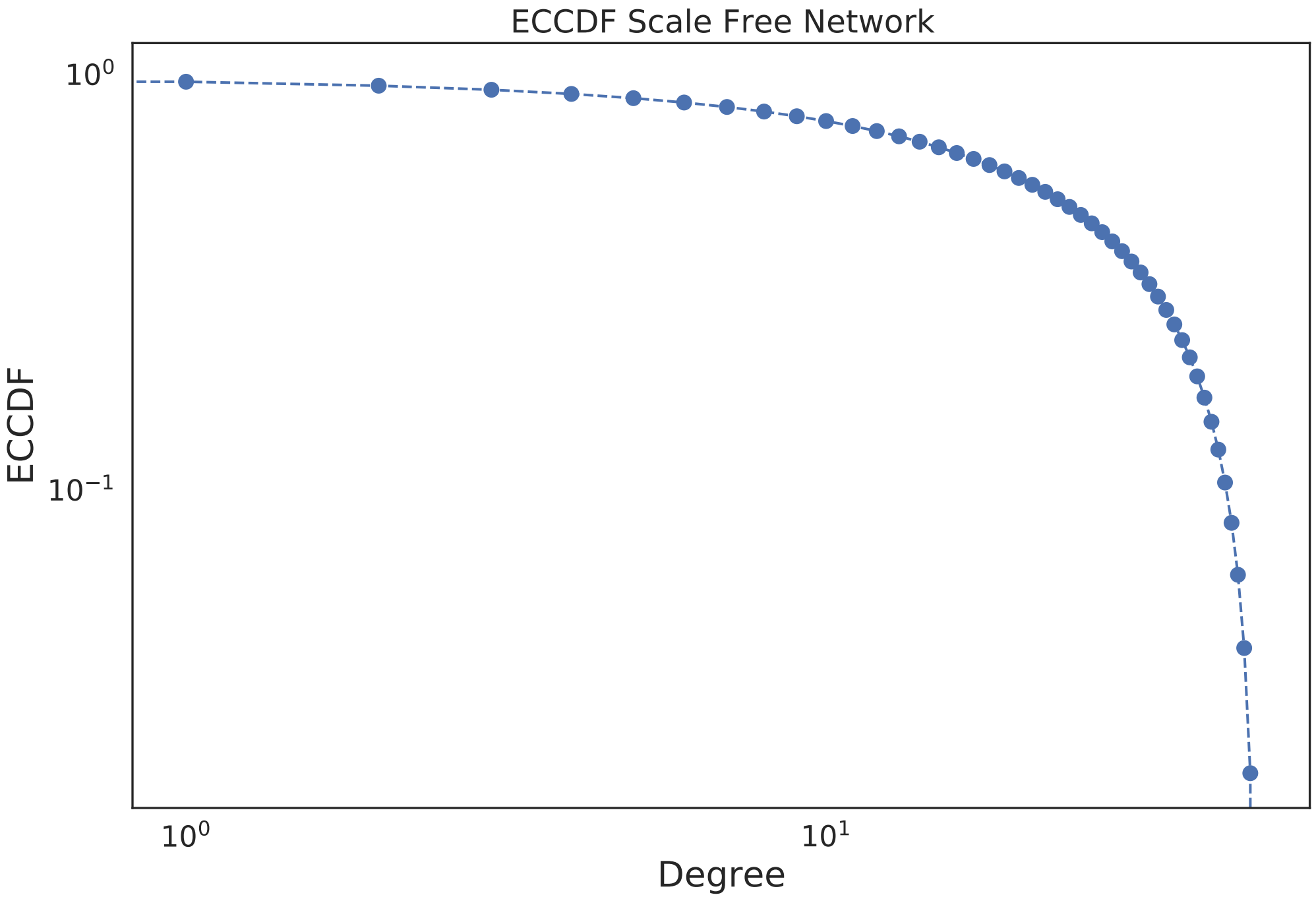

Network
Degree
Number of nodes
Degree
7
6
5
4
3
2
1
0
10
20
30
40
50
60

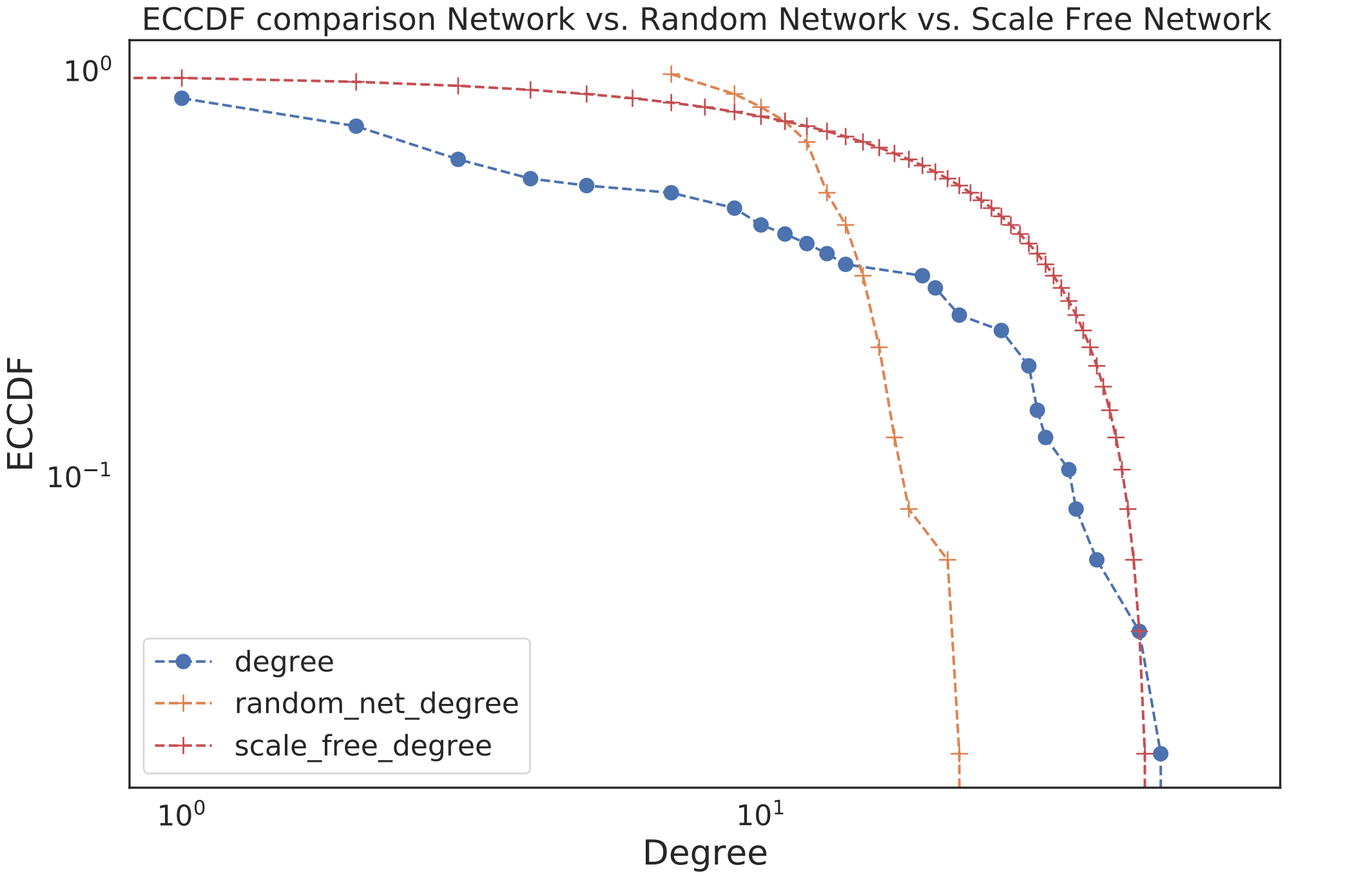

Log Network
Degree
Number of nodes
6×10^0
4×10^0
3×10^0
2×10^0
10^0
10^0
10^1
Degree

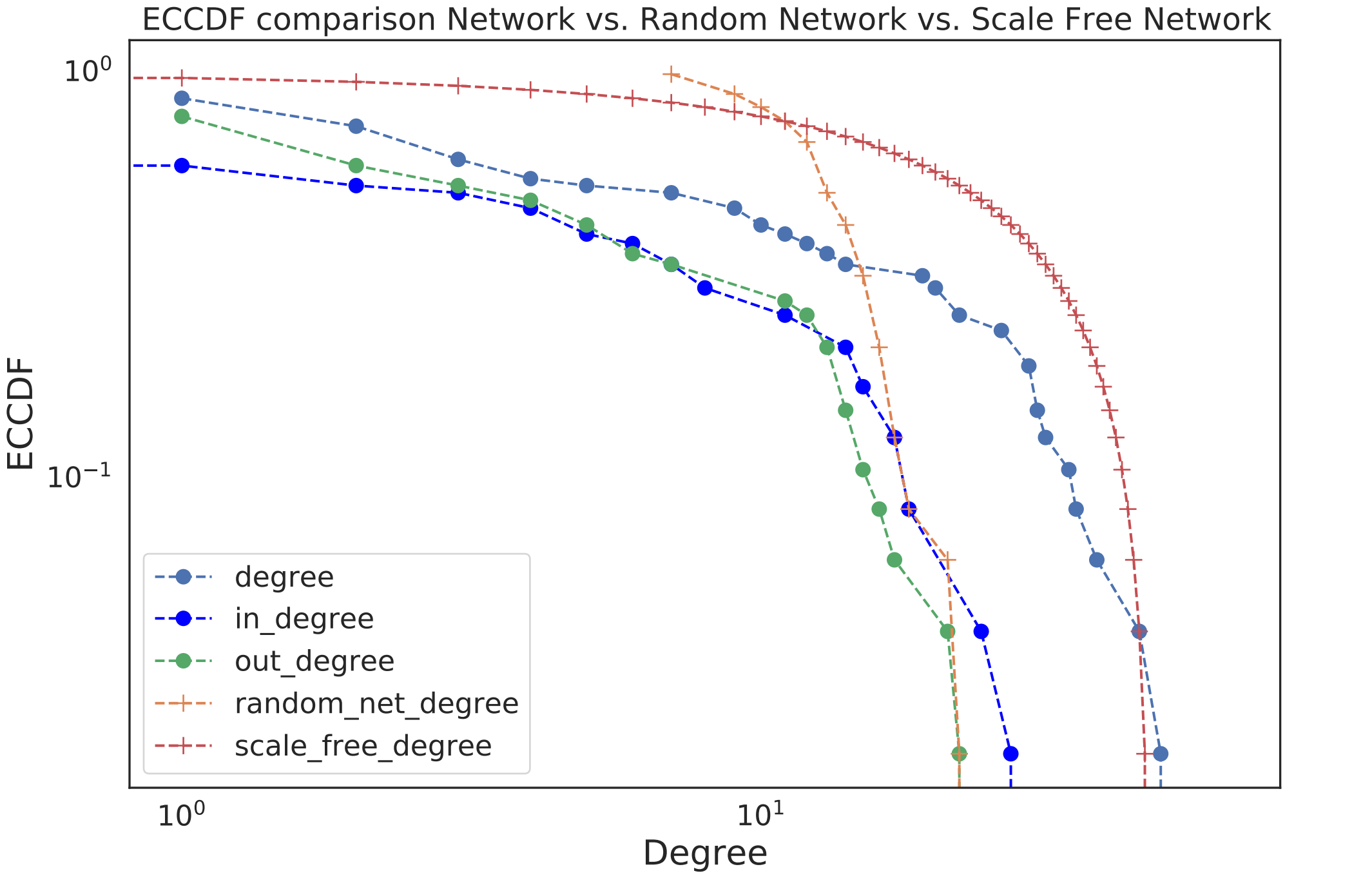

ECDF Linear Scale
ECDF
1.0
0.8
0.6
0.4
0.2
0
10
20
30
40
50
60
Degree

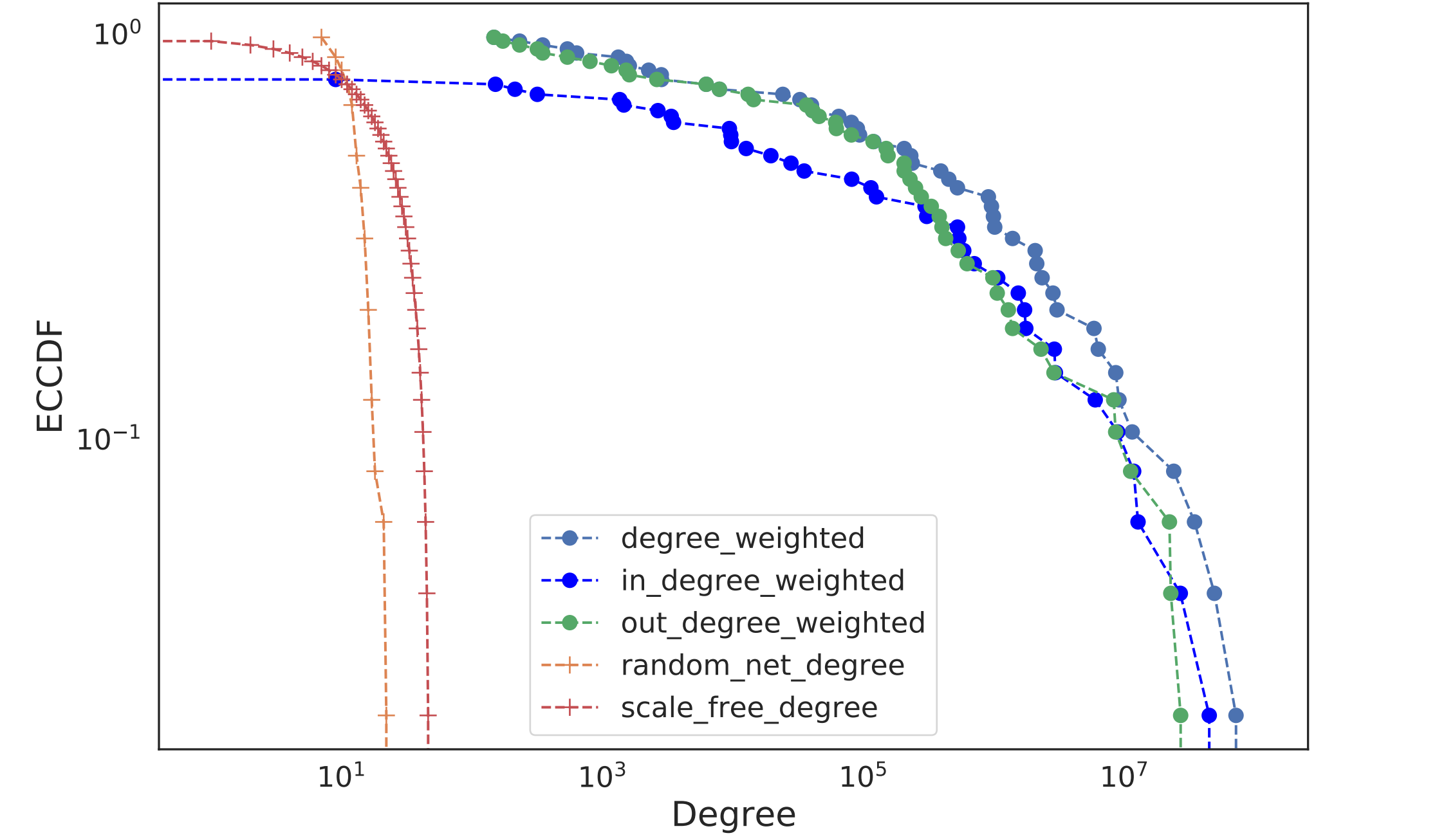

ECDF Log-Log Scale
10^0
6×10^{-1}
4×10^{-1}
3×10^{-1}
2×10^{-1}
ECDF
10^0
10^1
Degree


ECCDF
10^0
10^{-1}
ECCDF
10^0
10^1
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
10^0
10^{-1}
ECCDF
degree
random_net_degree
scale_free_degree
10^0
10^1
Degree


ECCDF comparison Network vs. Random Network vs. Scale Free Network
ECCDF
Degree
10^0
10^{-1}
10^0
10^1
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
Degree
degree_weighted
in_degree_weighted
out_degree_weighted
random_net_degree
scale_free_degree

Infos

Number of nodes: 48
Number of links: 336
Random Net Standard deviation: 3.719318934070233
Random Net Mean: 14.0
Random Net Median: 13.5
Random Net Min: 7
Random Net Max: 25