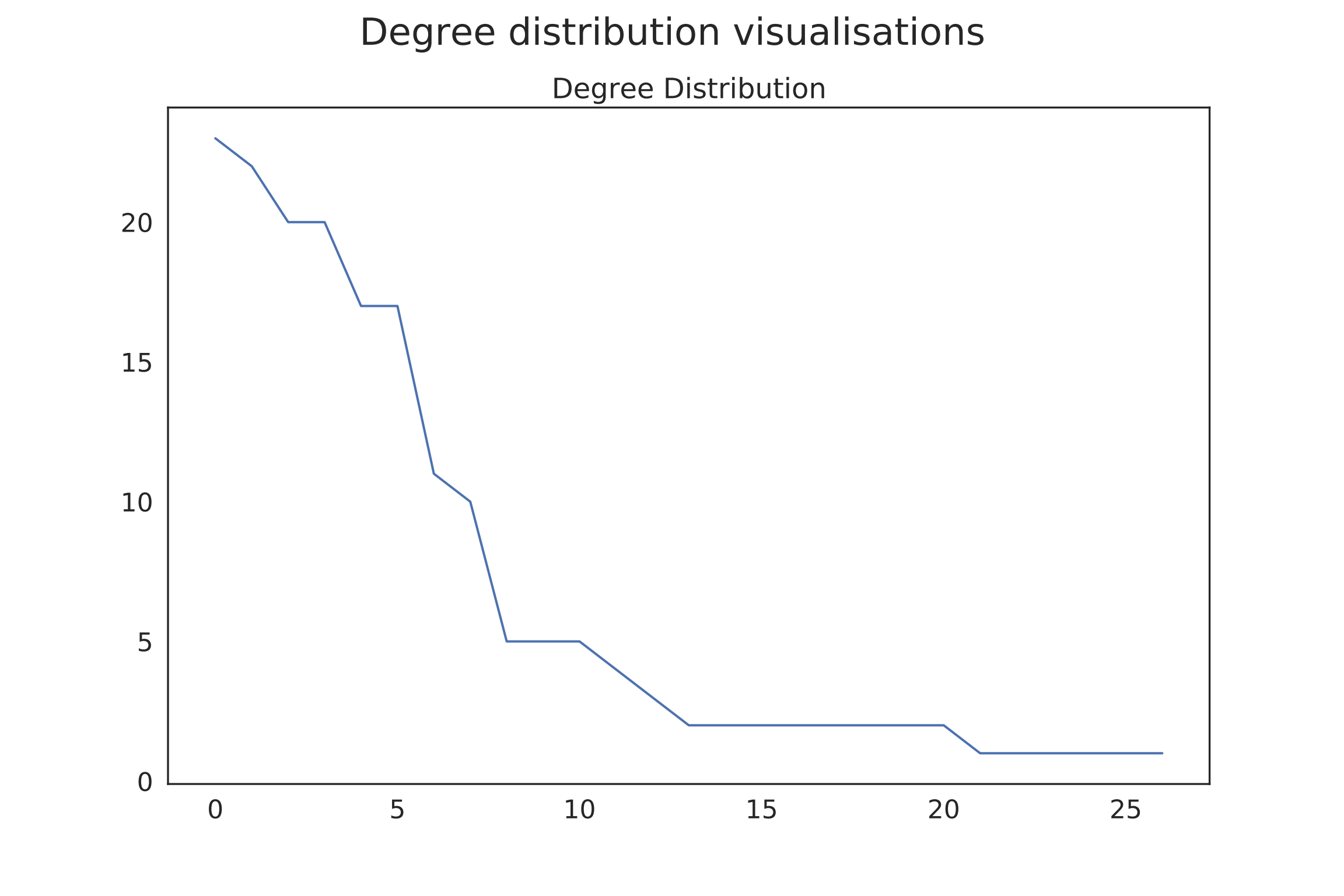
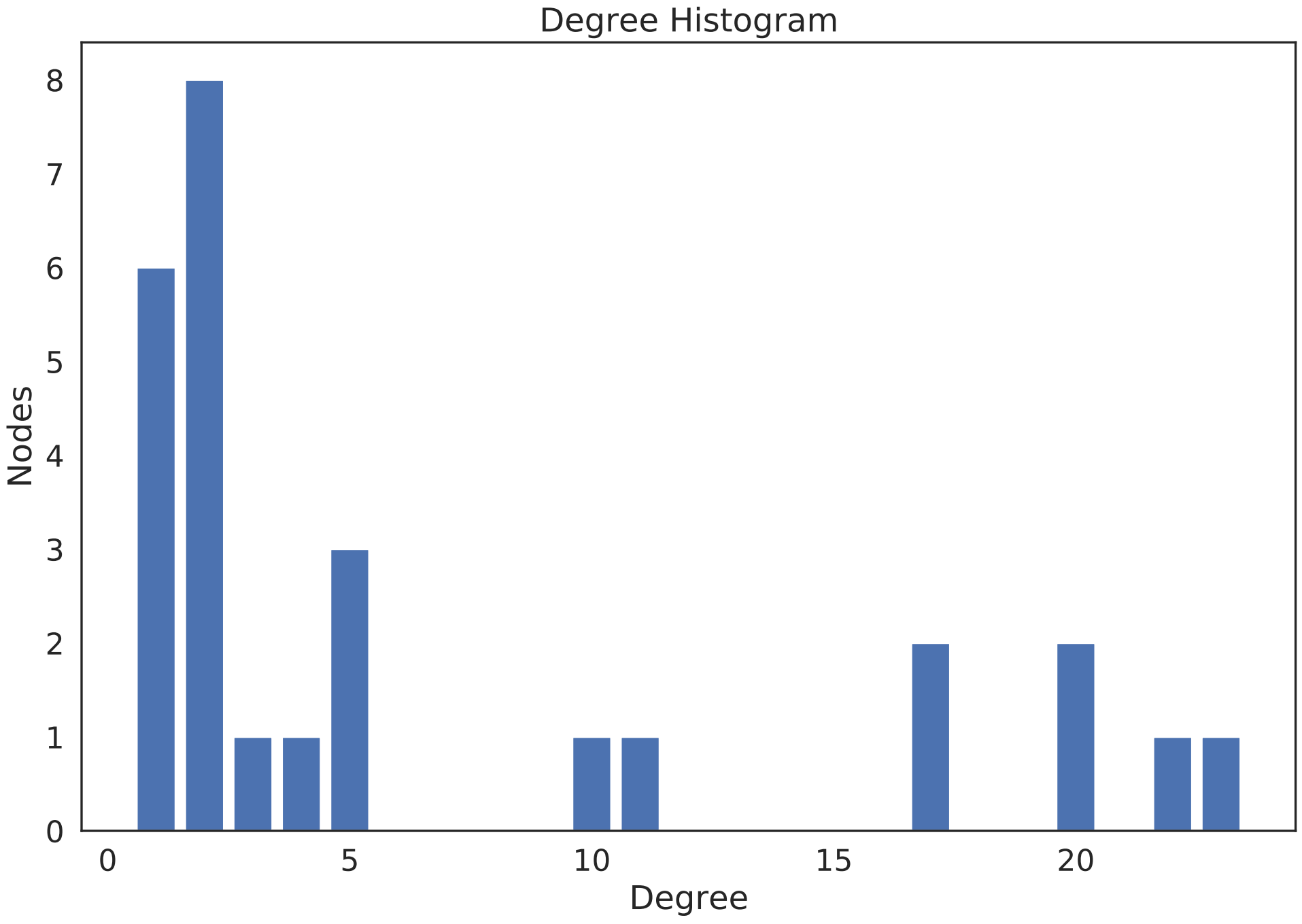
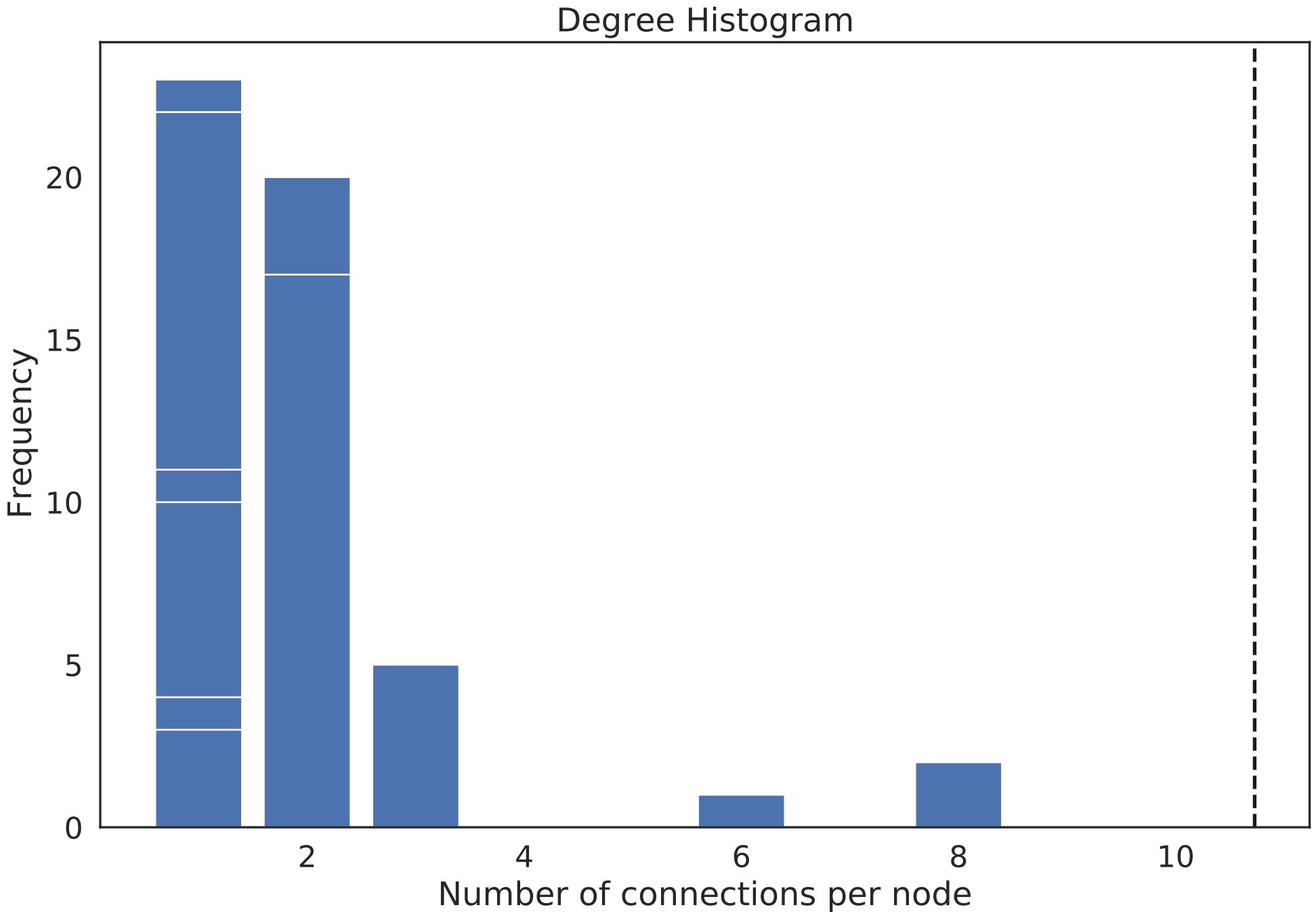
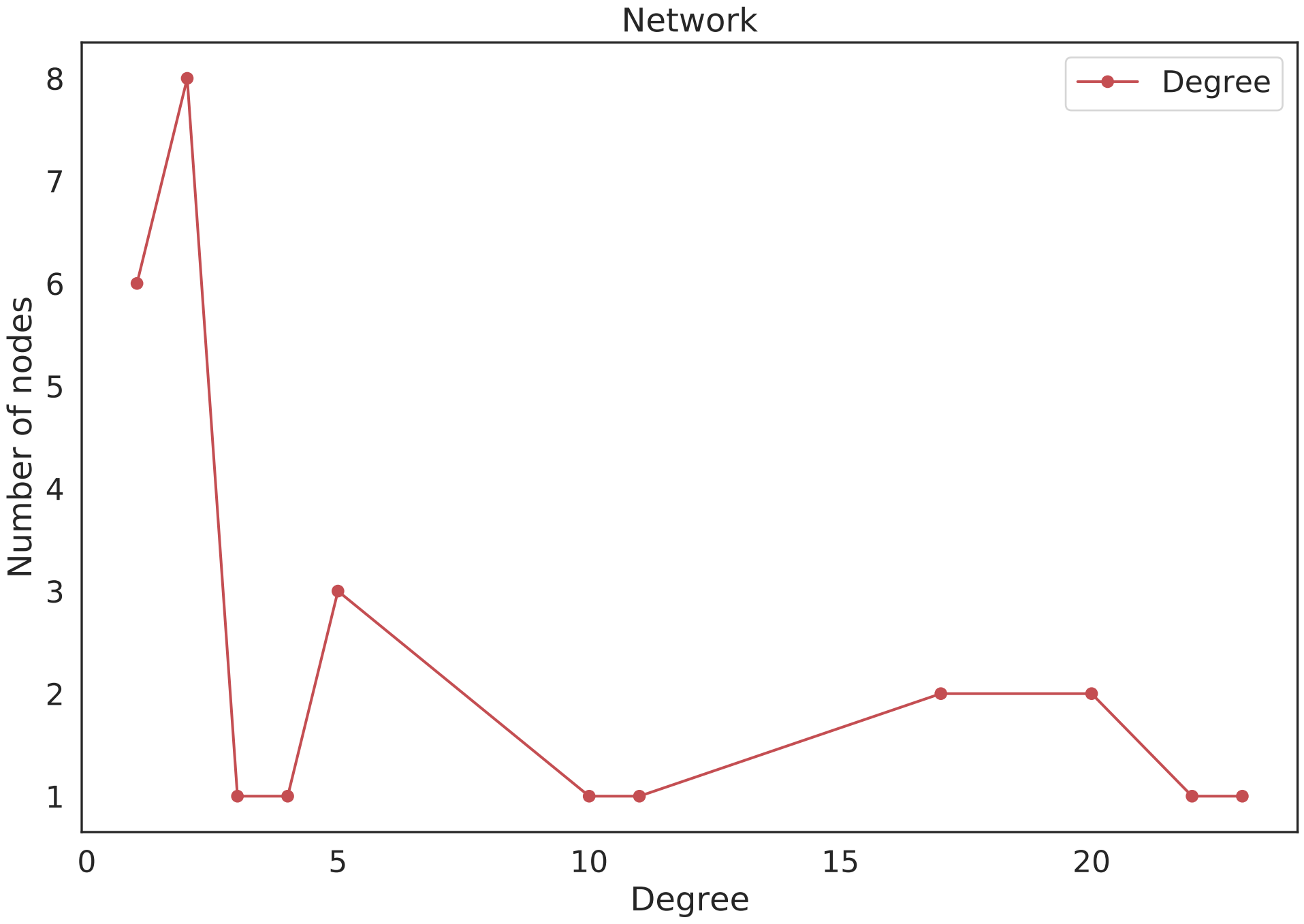
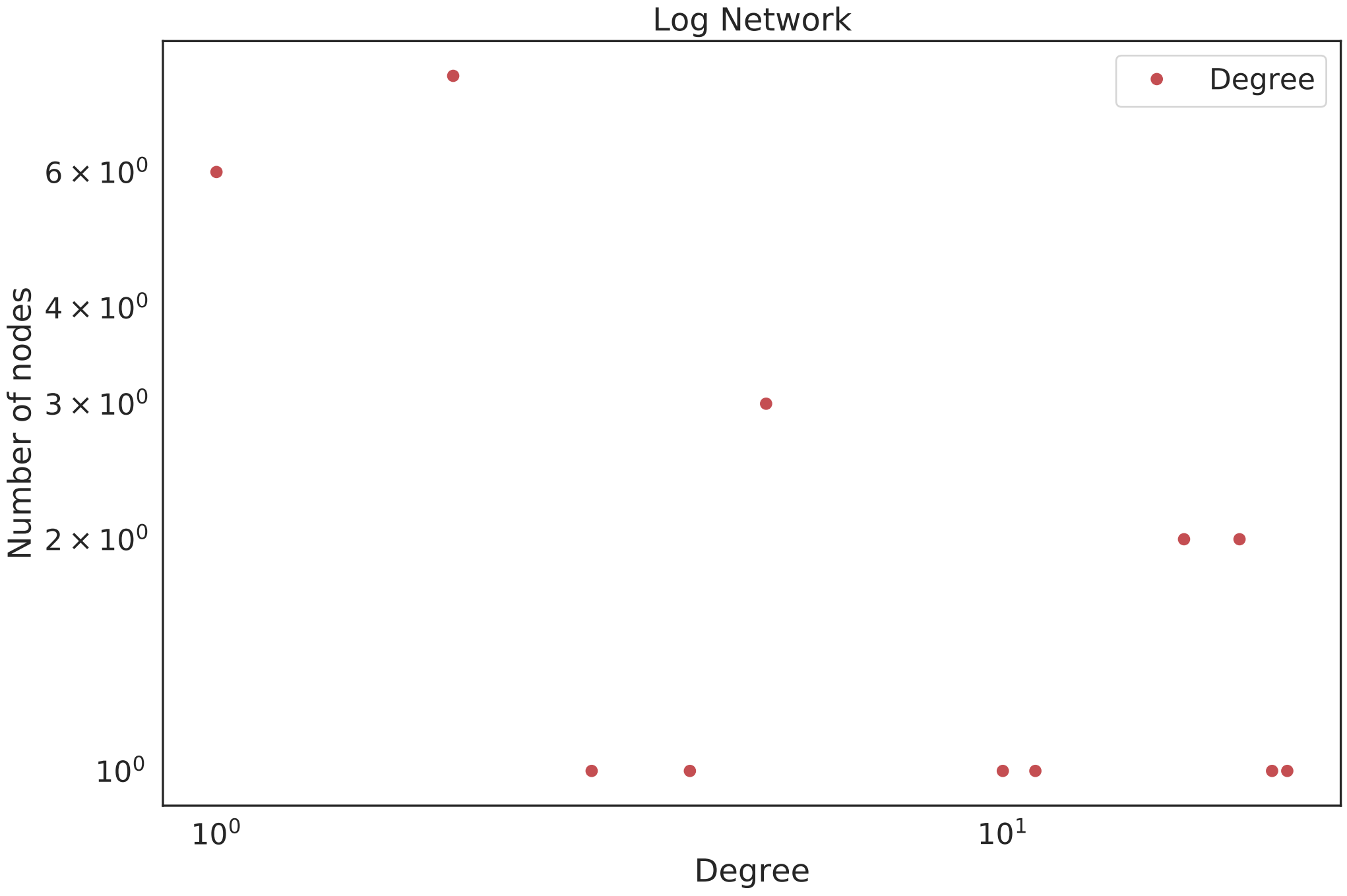
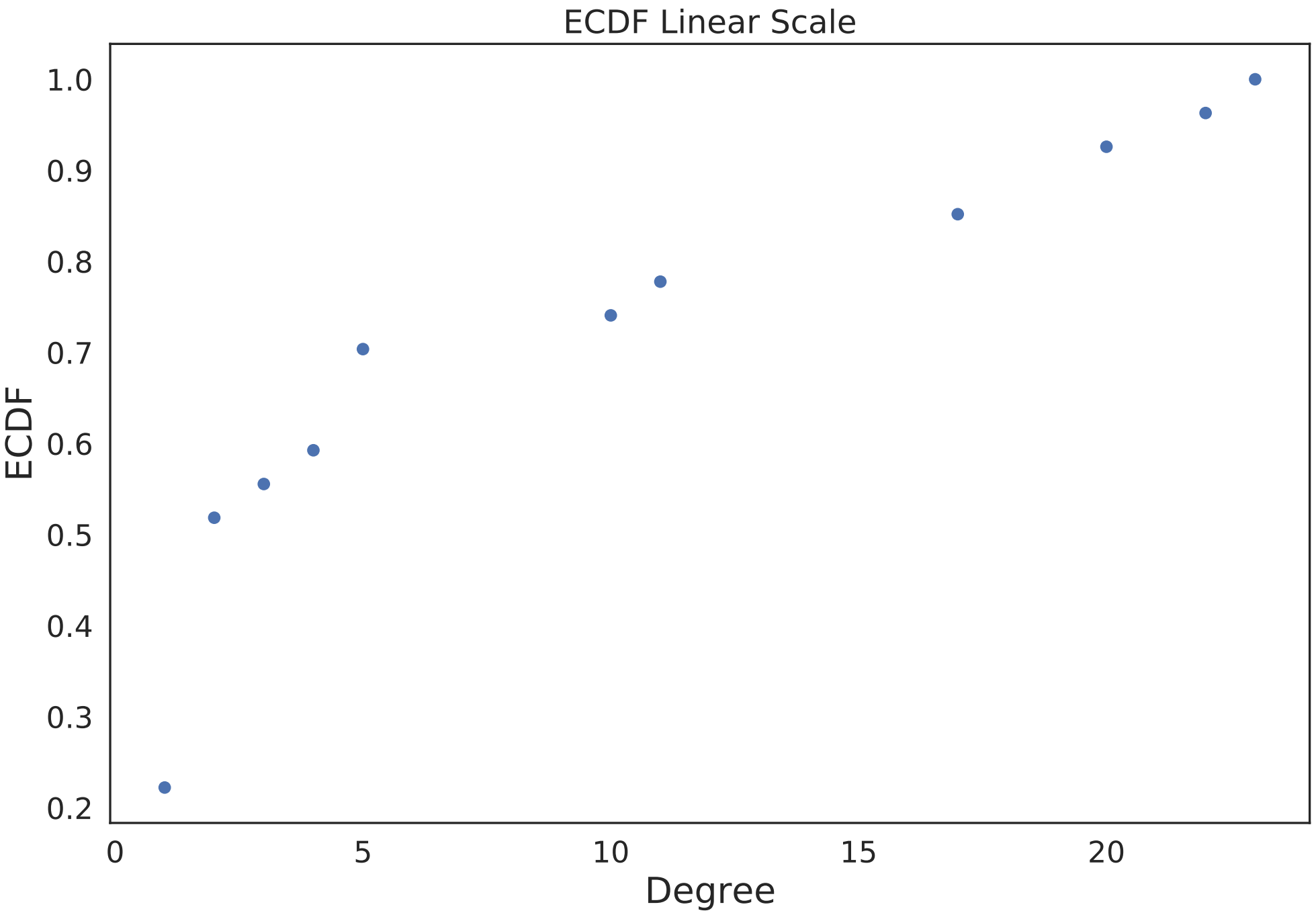

Degree distribution visualisations
Degree Distribution
0
5
10
15
20
0
5
10
15
20
25

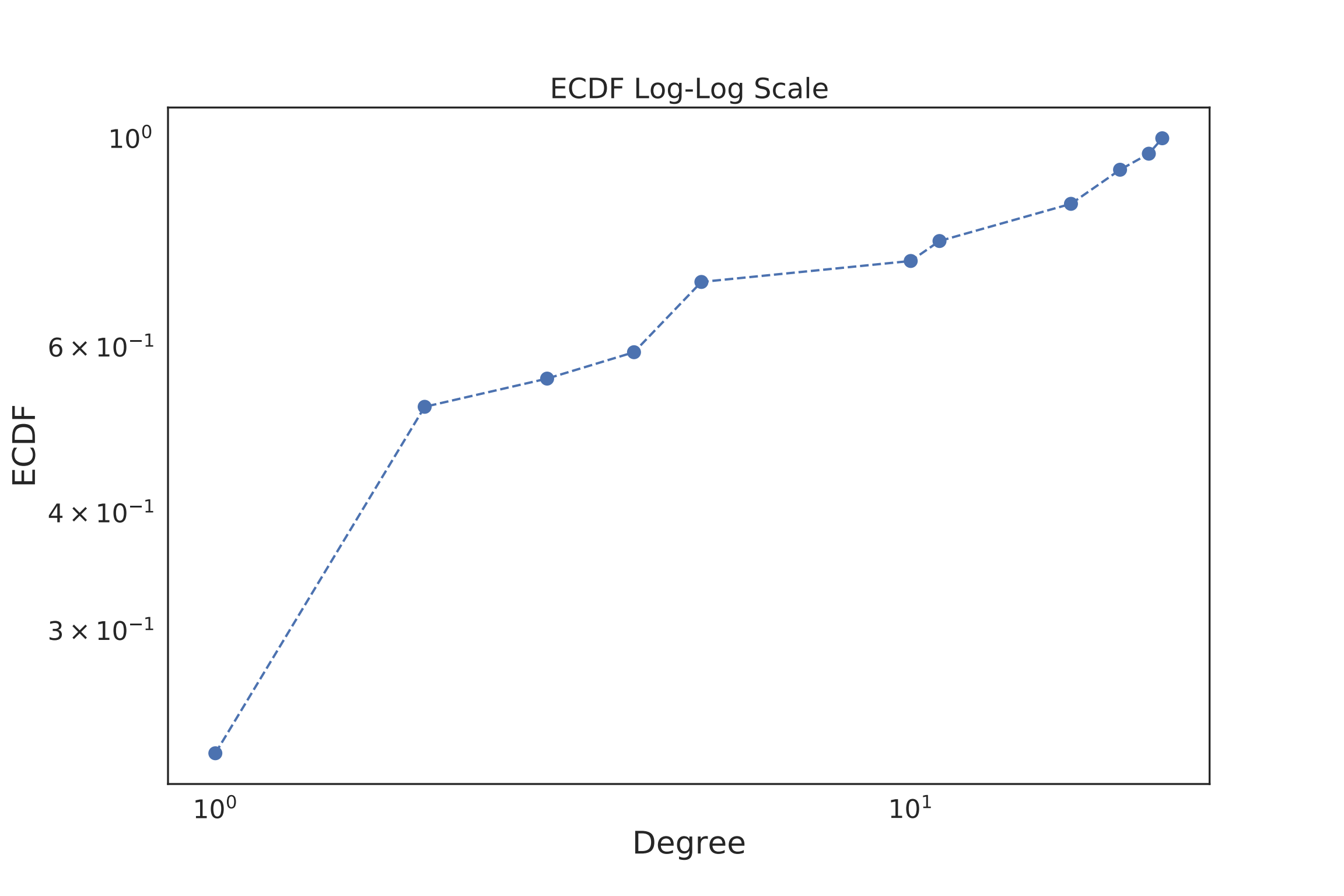

Degree Histogram
Nodes
Degree
0
1
2
3
4
5
6
7
8
0
5
10
15
20

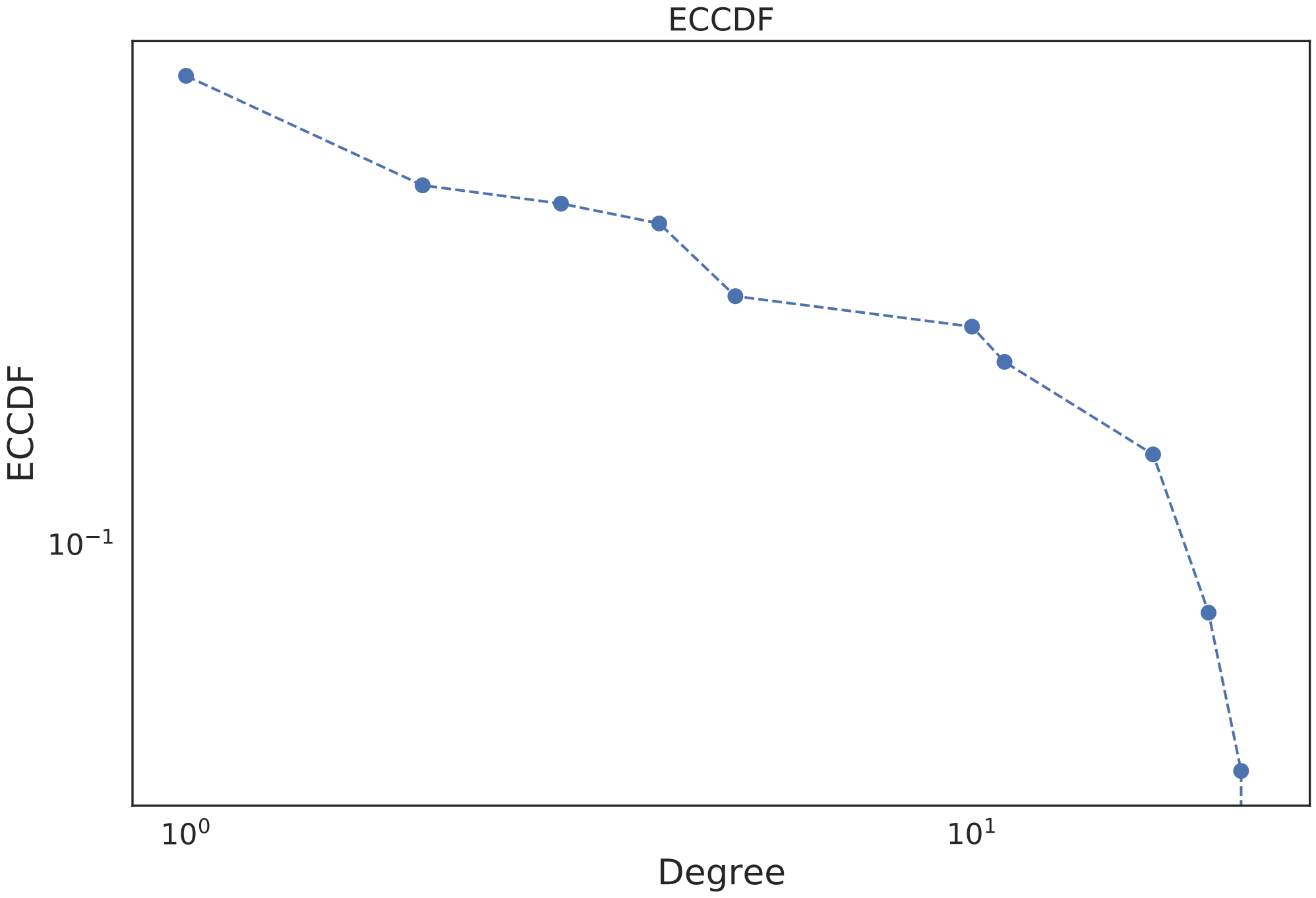

Degree Histogram
Frequency
0
5
10
15
20
2
4
6
8
10
Number of connections per node

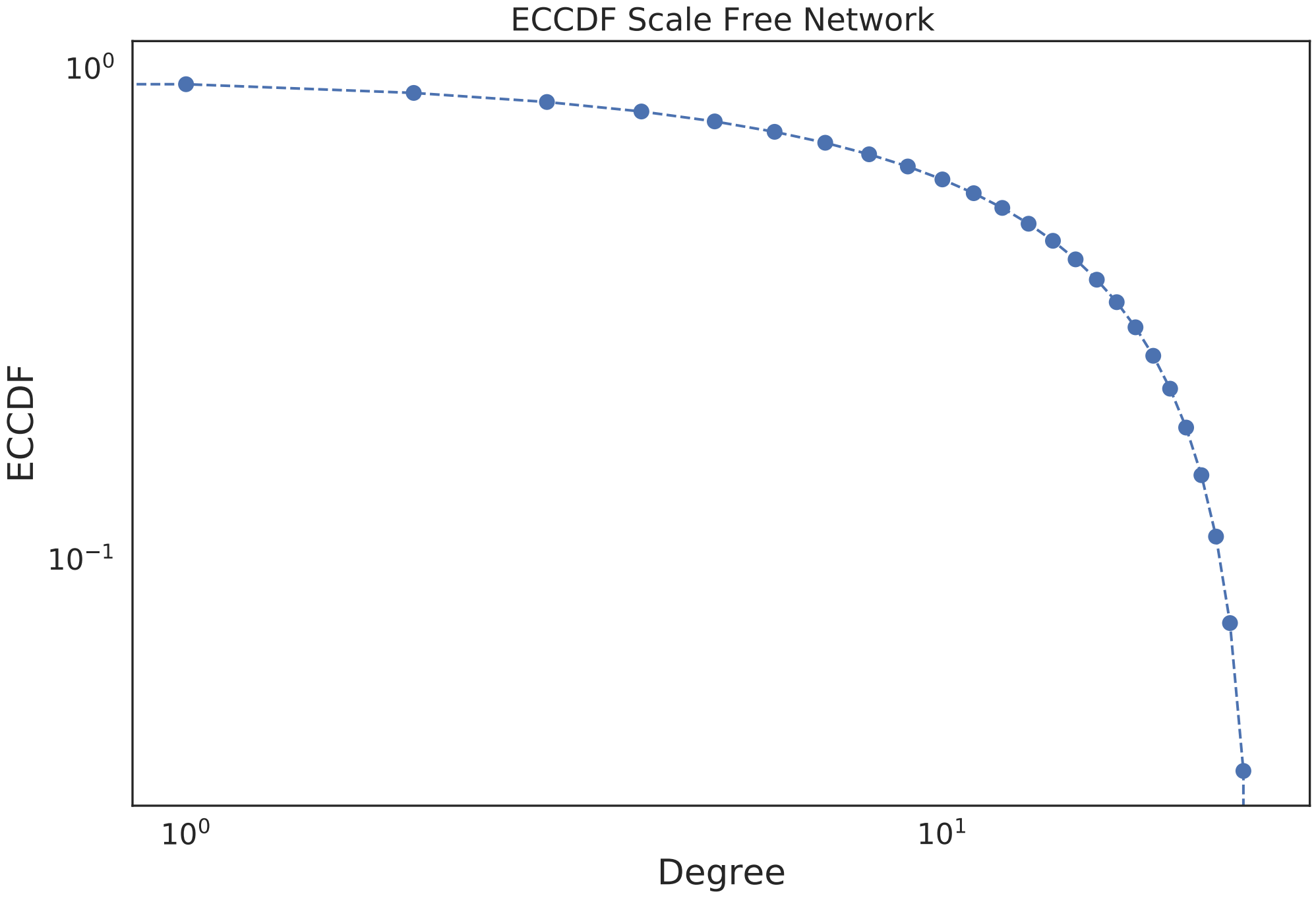

Network
Degree
Number of nodes
Degree
8
7
6
5
4
3
2
1
0
5
10
15
20

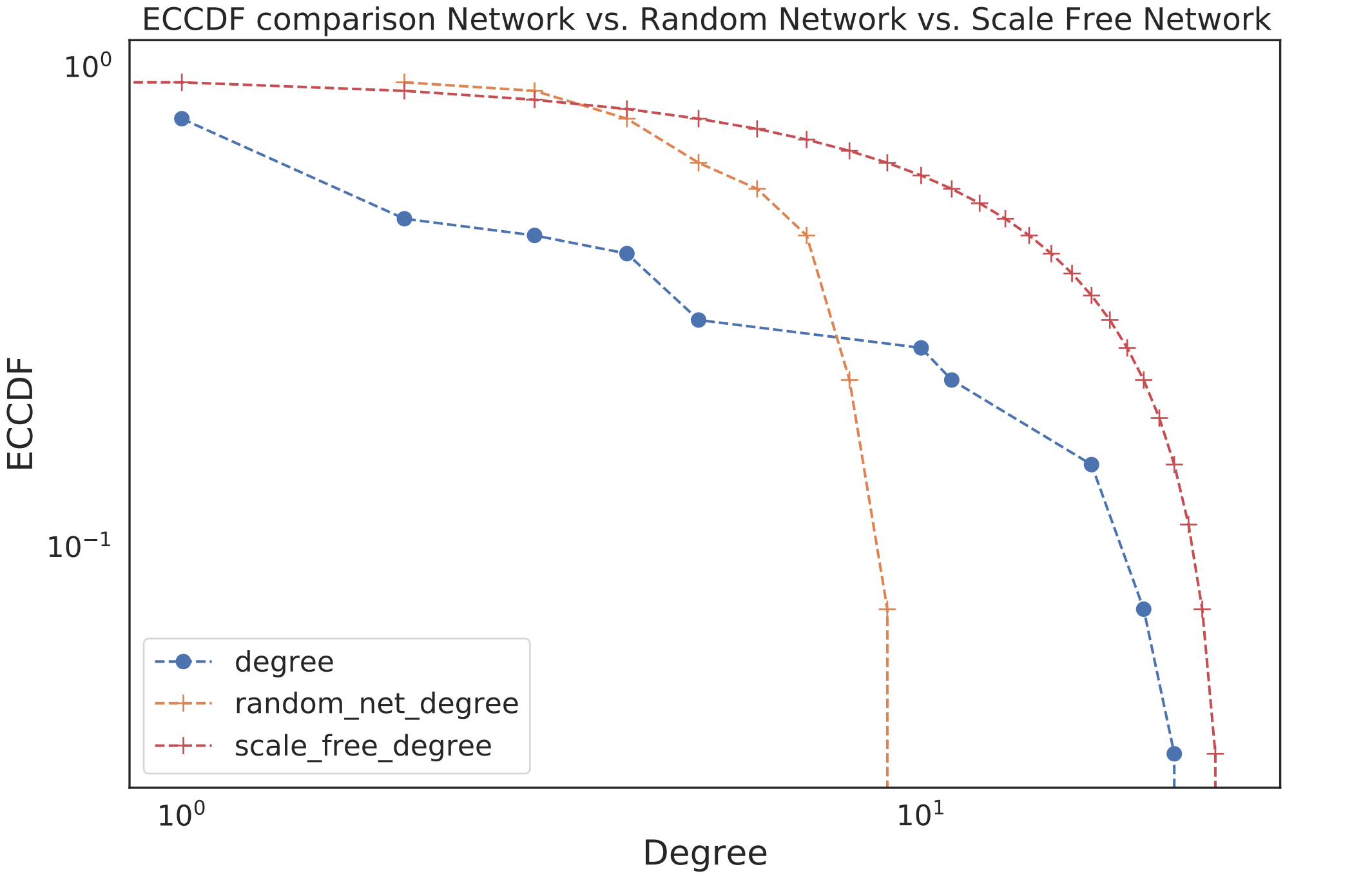

Log Network
Degree
Number of nodes
6×10^0
4×10^0
3×10^0
2×10^0
10^0
10^0
10^1
Degree

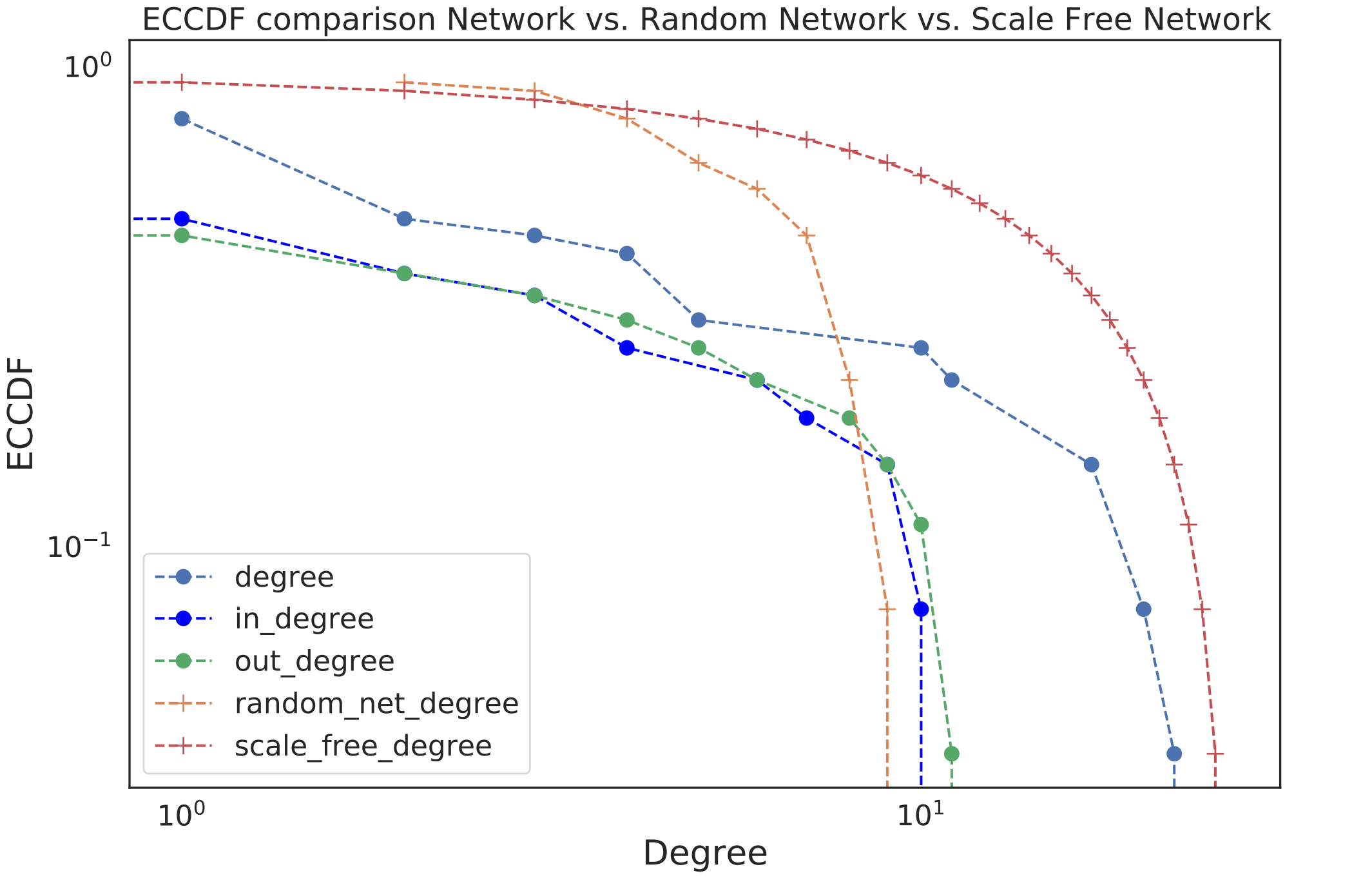

ECDF Linear Scale
ECDF
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0
5
10
15
20
Degree

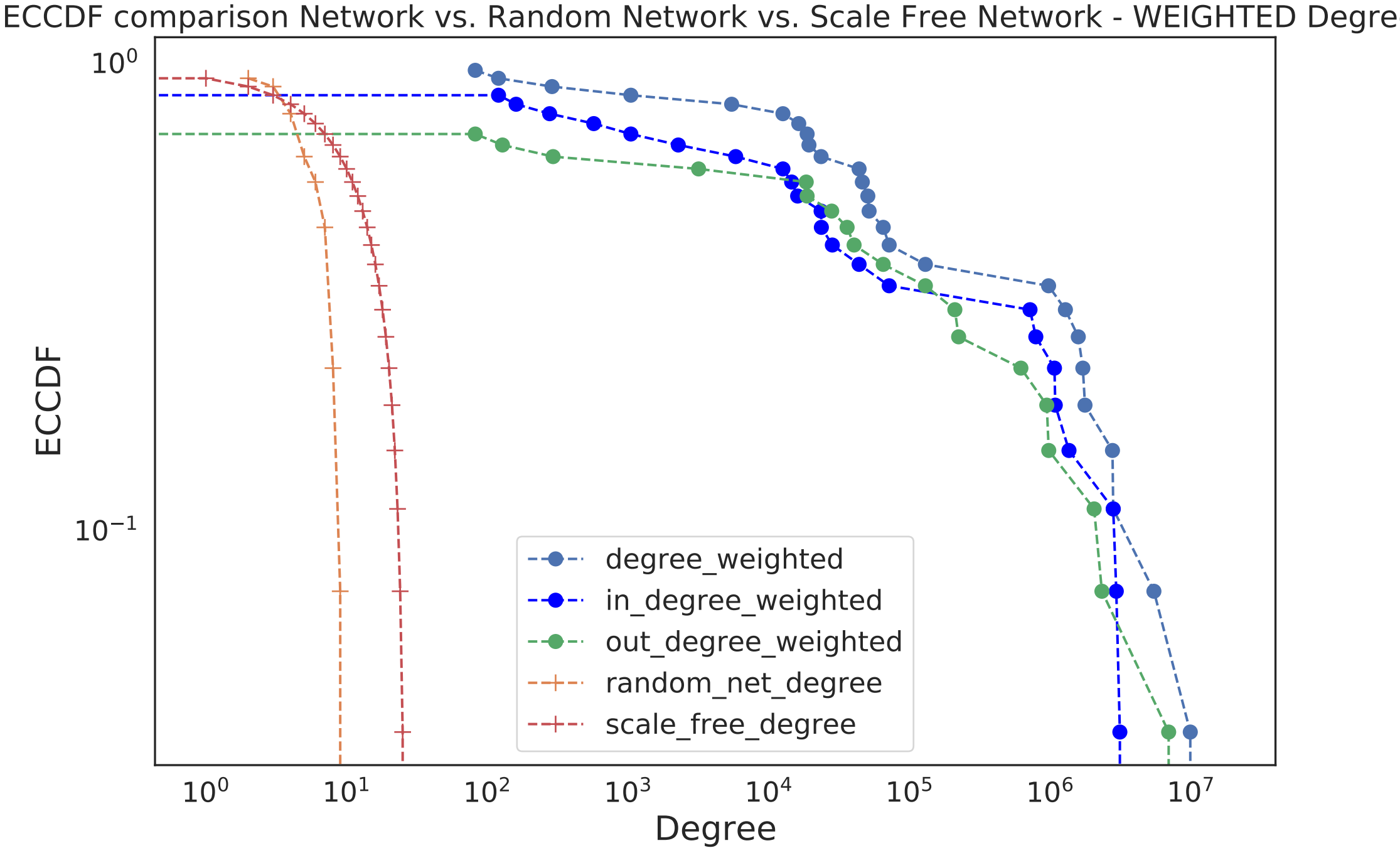

ECDF Log-Log Scale
10^0
6×10^{-1}
4×10^{-1}
3×10^{-1}
ECDF
10^0
10^1
Degree


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


ECCDF comparison Network vs. Random Network vs. Scale Free Network - WEIGHTED Degrees
ECCDF
Degree
10^0
10^{-1}
10^0
10^1
10^2
10^3
10^4
10^5
10^6
10^7
degree_weighted
in_degree_weighted
out_degree_weighted
random_net_degree
scale_free_degree

Infos

Number of nodes: 27
Number of links: 88
Random Net Standard deviation: 2.3153332752722644
Random Net Mean: 6.518518518518518
Random Net Median: 7.0
Random Net Min: 2
Random Net Max: 10