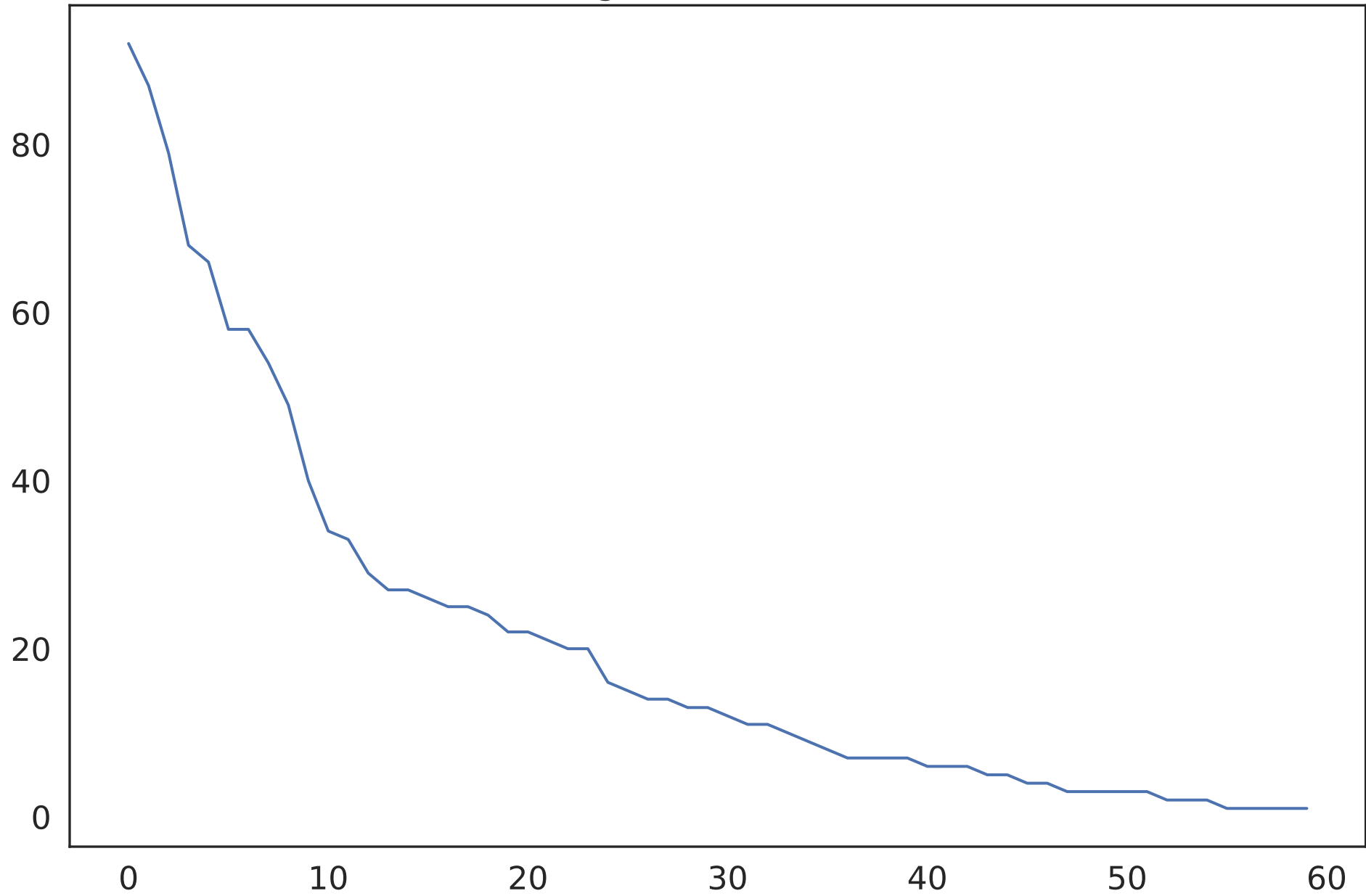
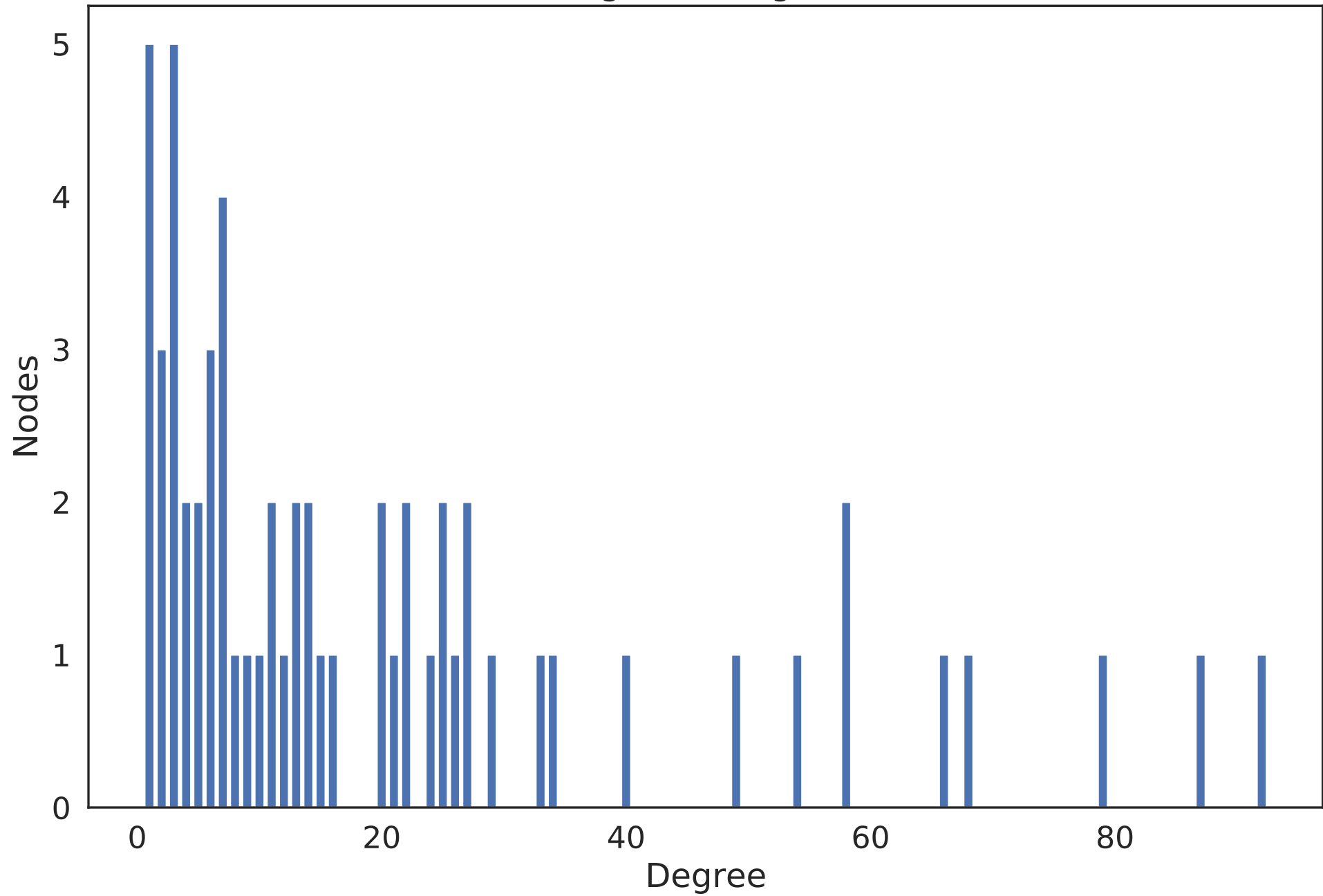


# Degree distribution visualisations

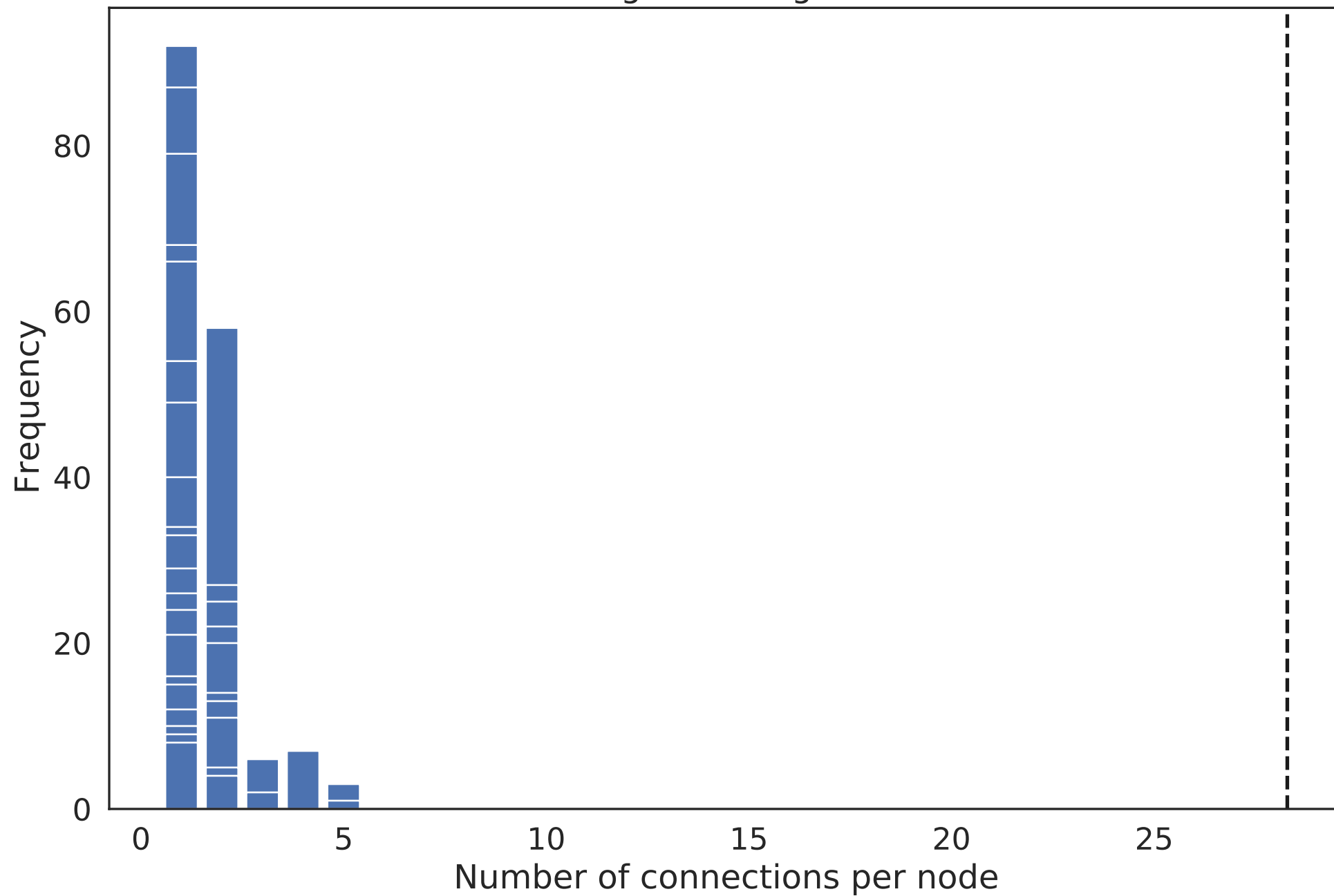
Degree Distribution



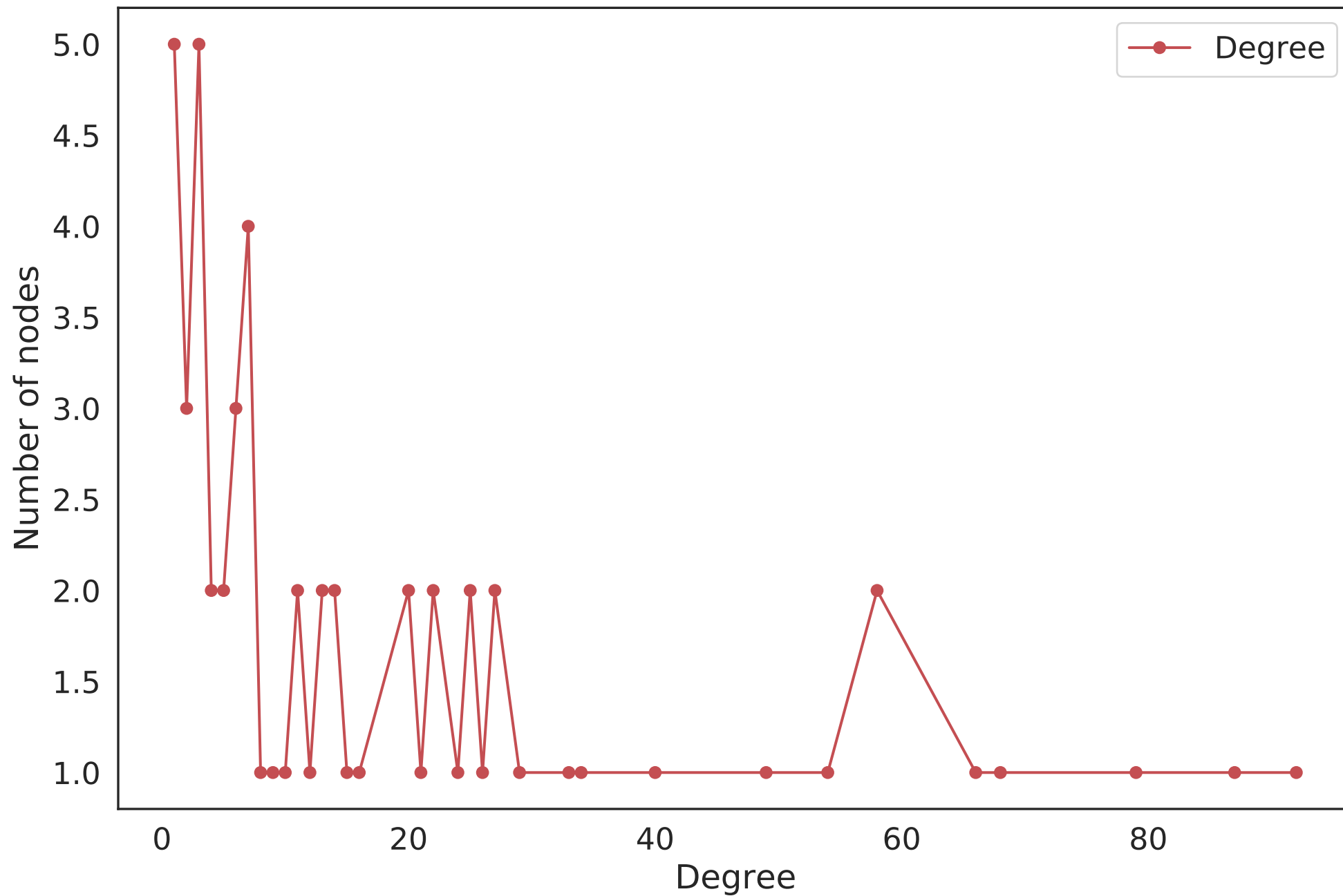
Degree Histogram

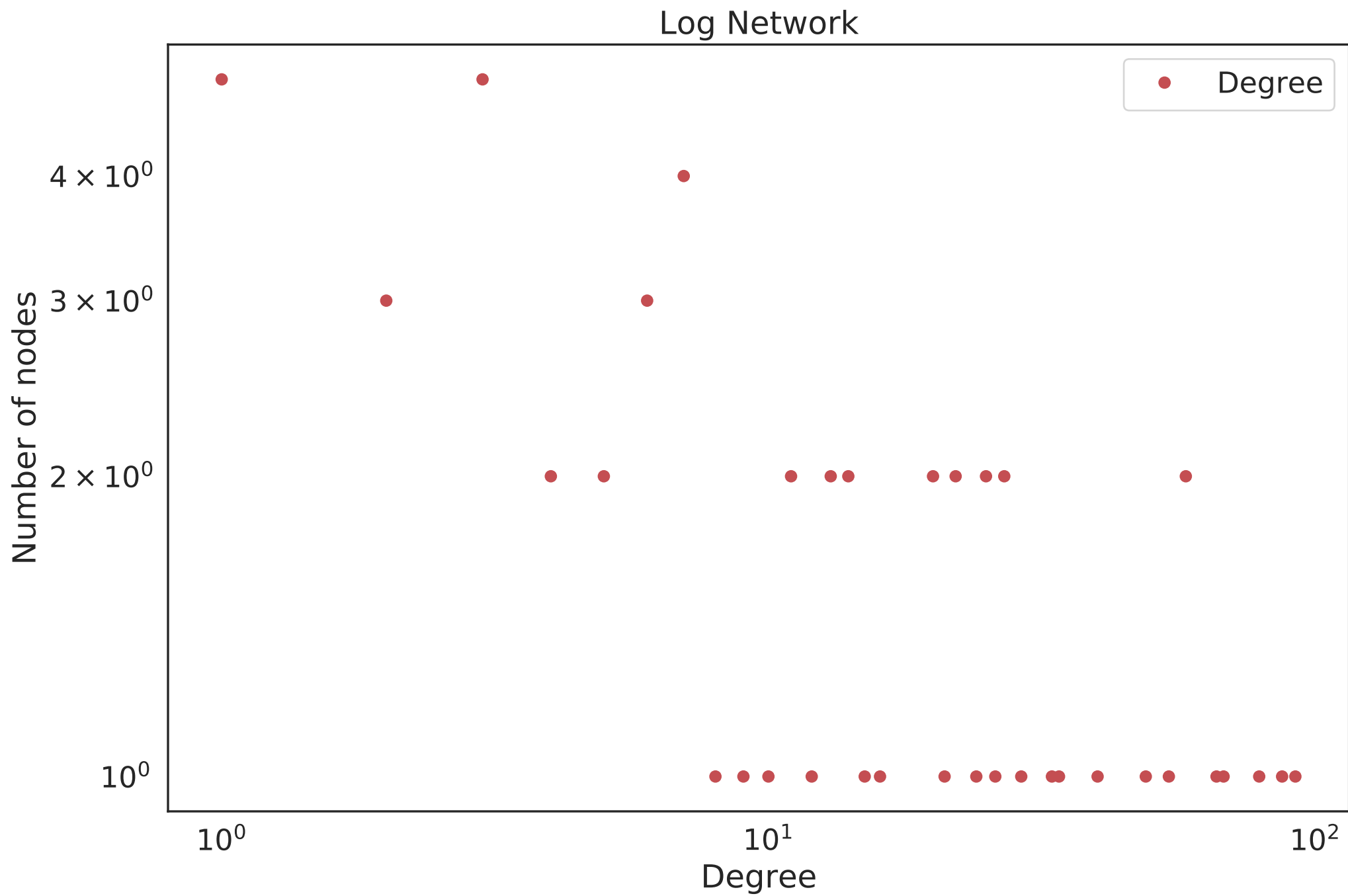


Degree Histogram

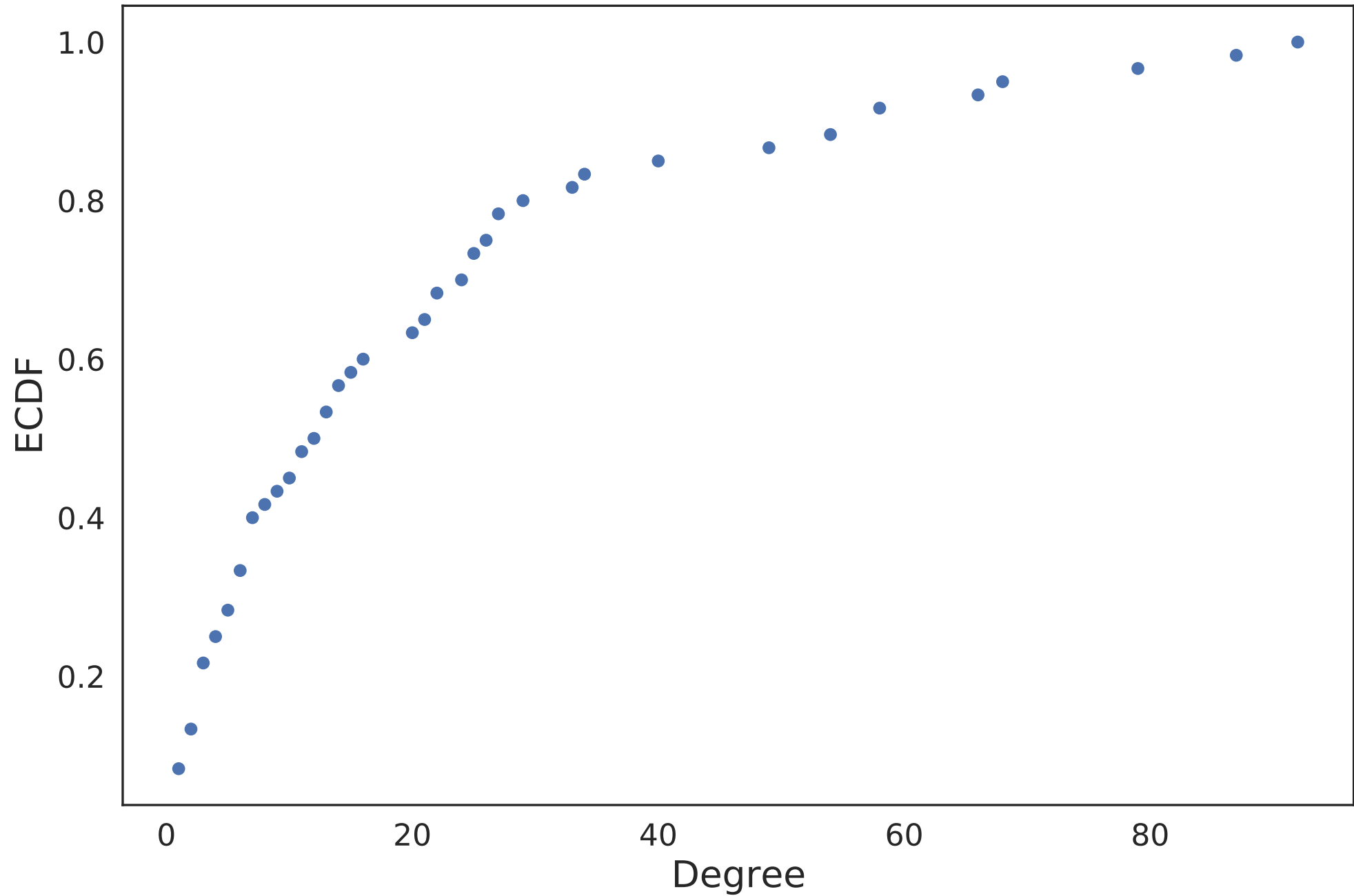


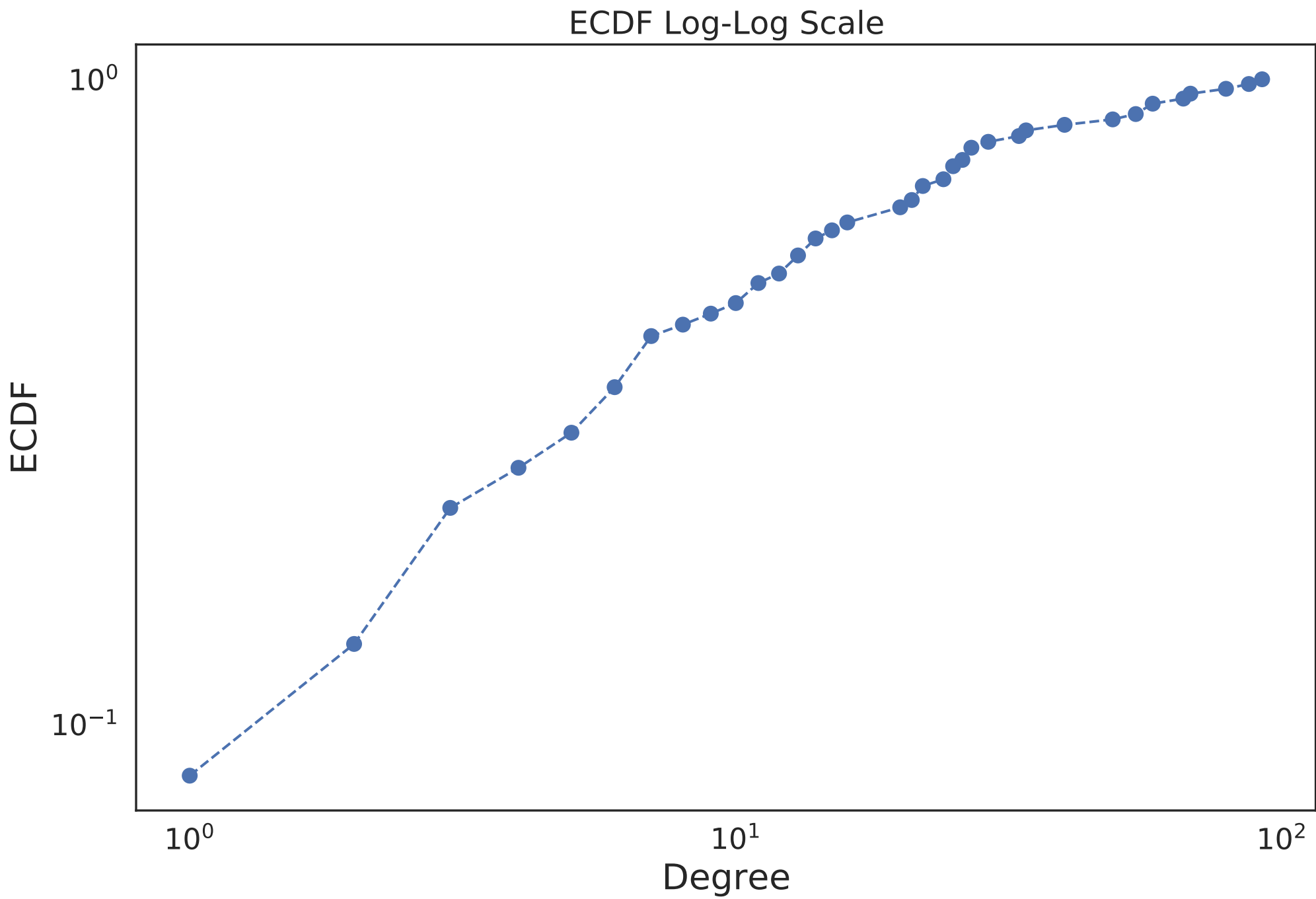
Network

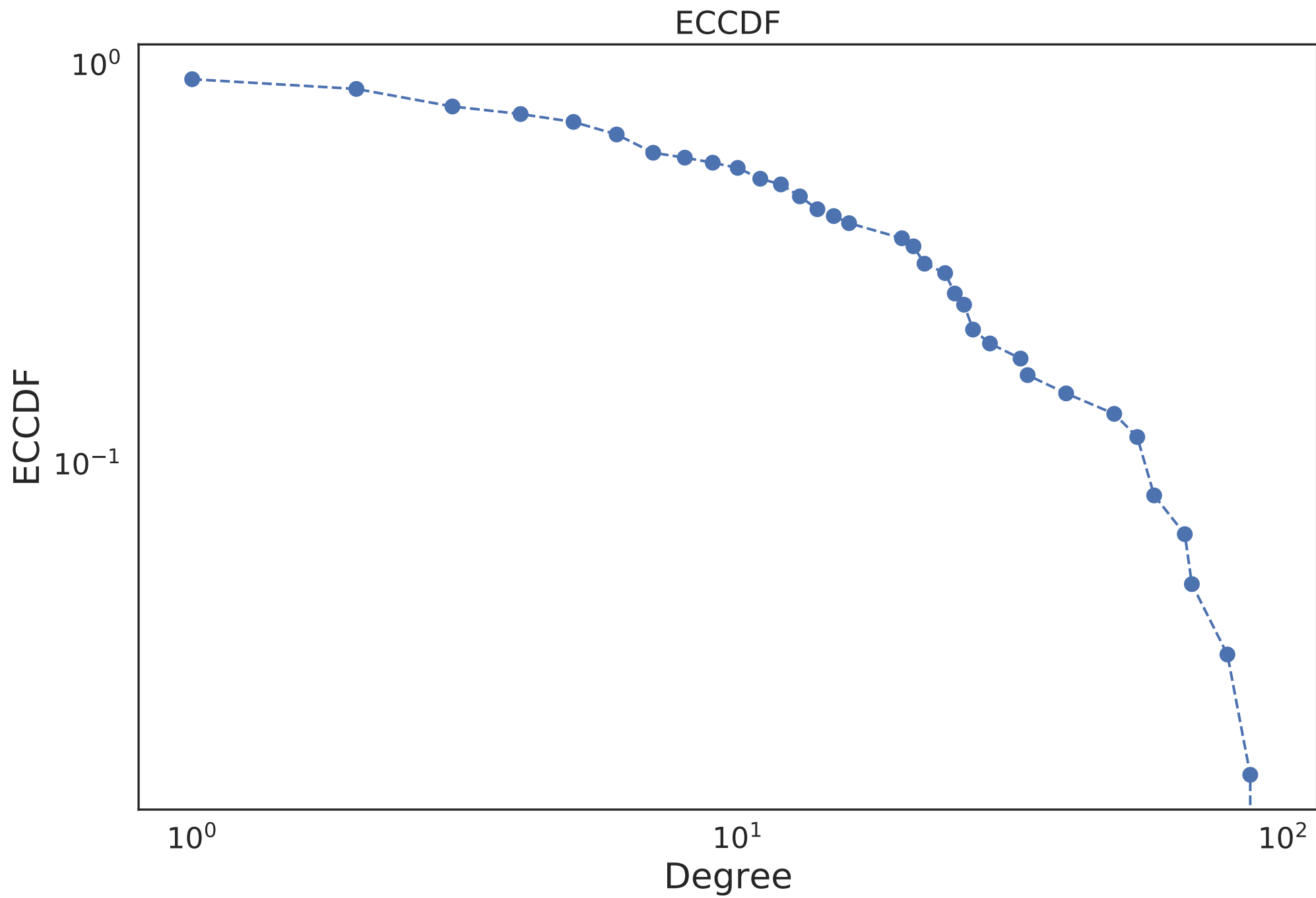




ECDF Linear Scale

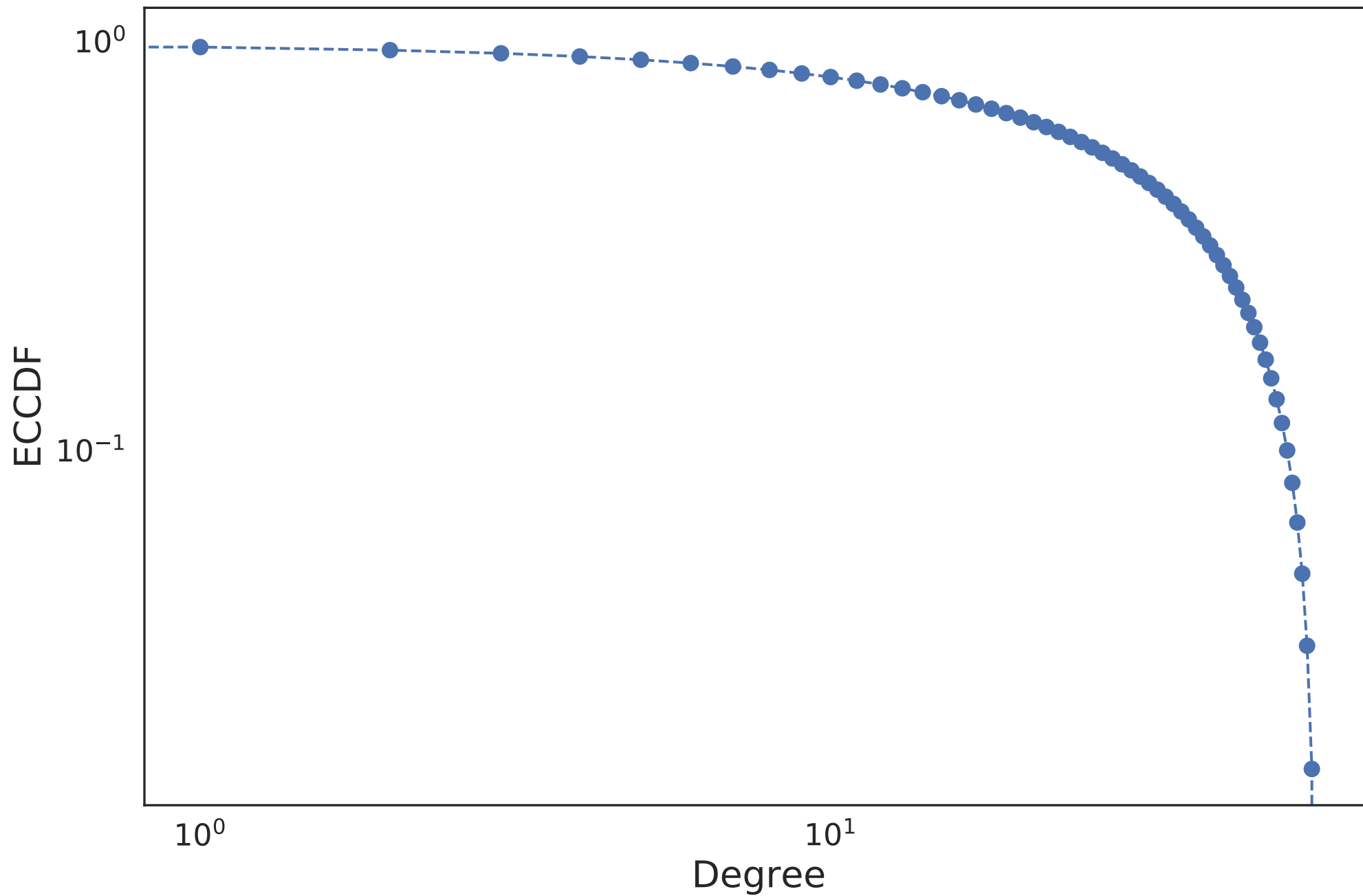








ECCDF Scale Free Network



ECCDF comparison Network vs. Random Network vs. Scale Free Network

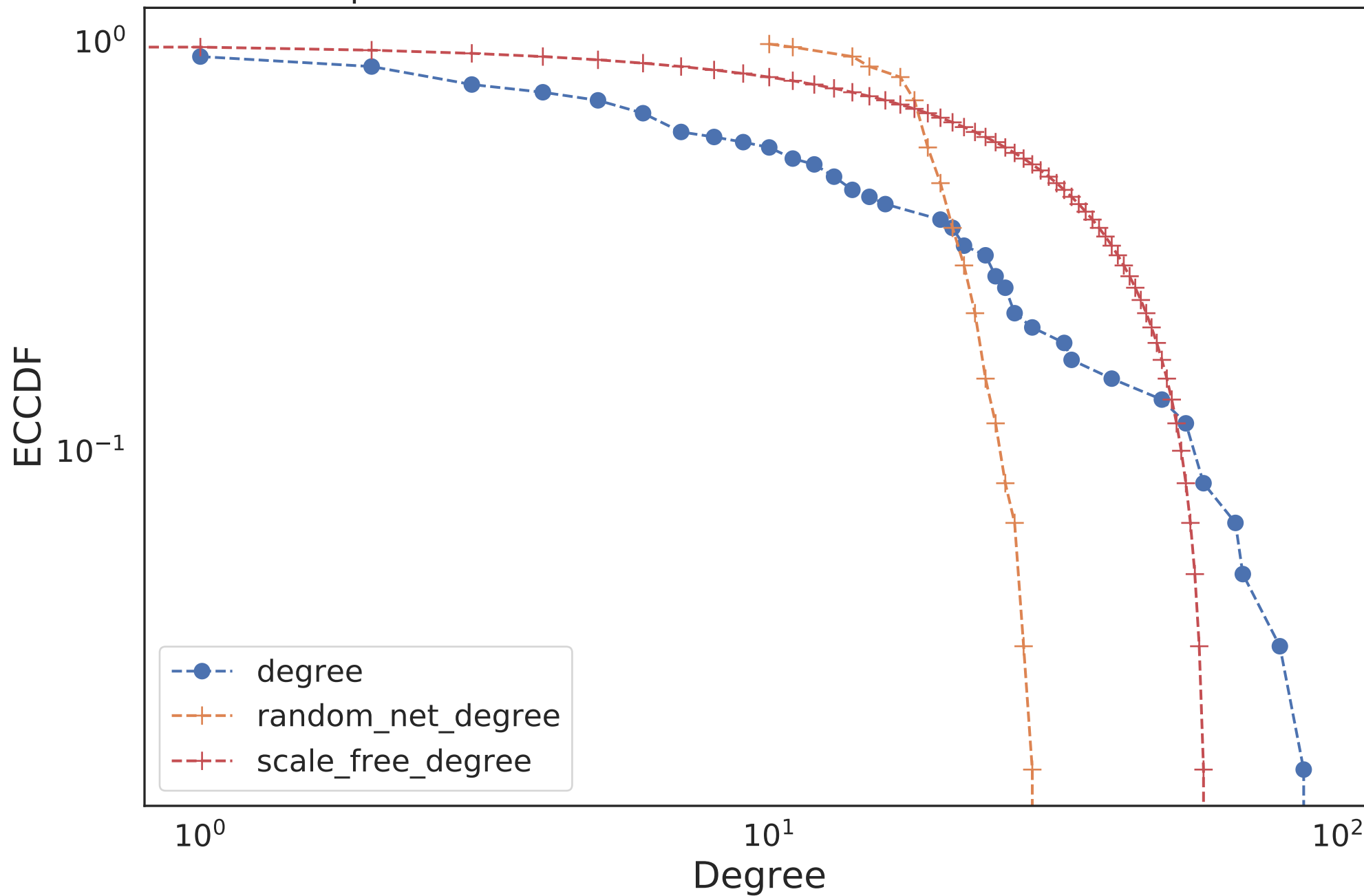
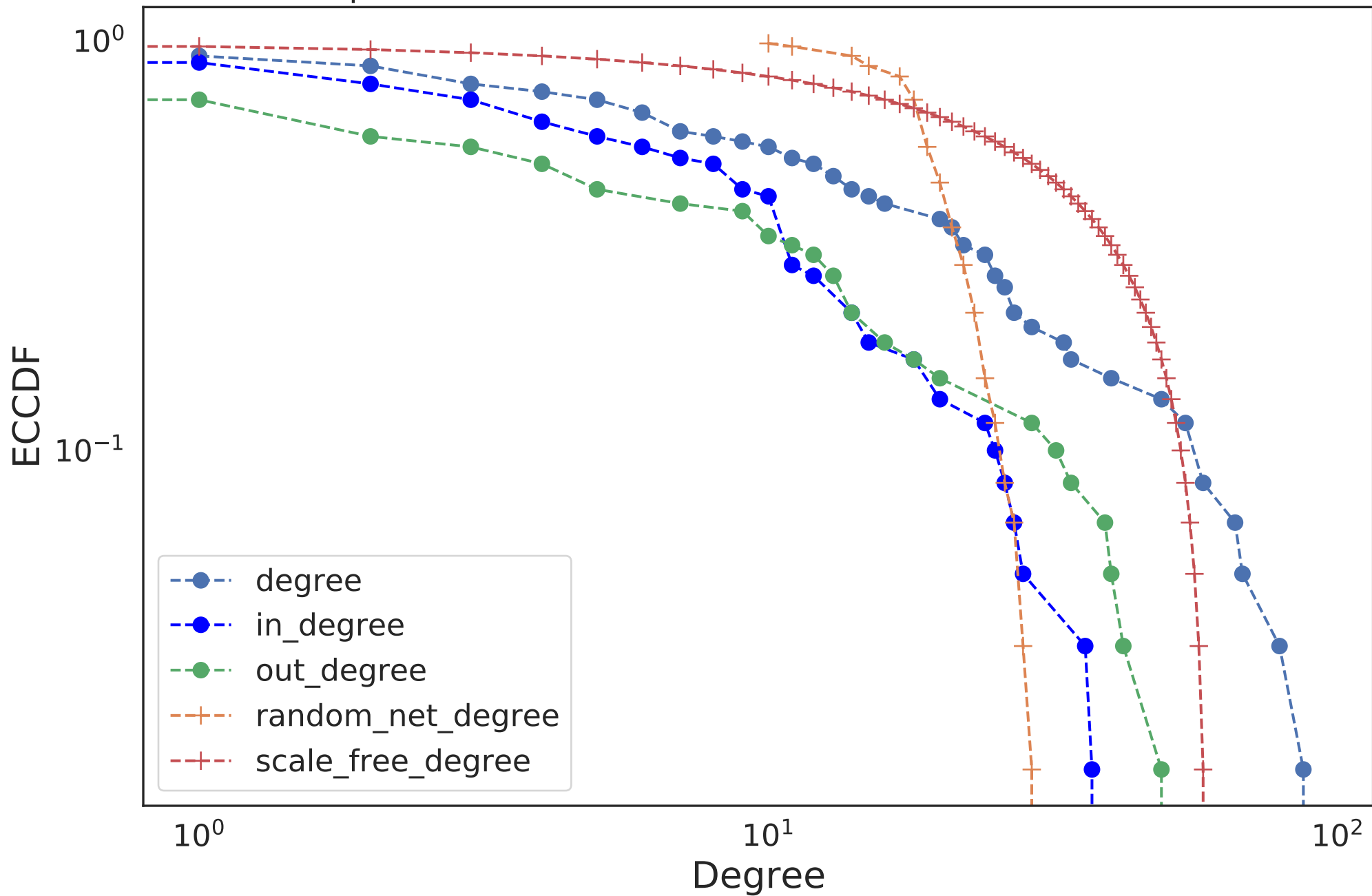
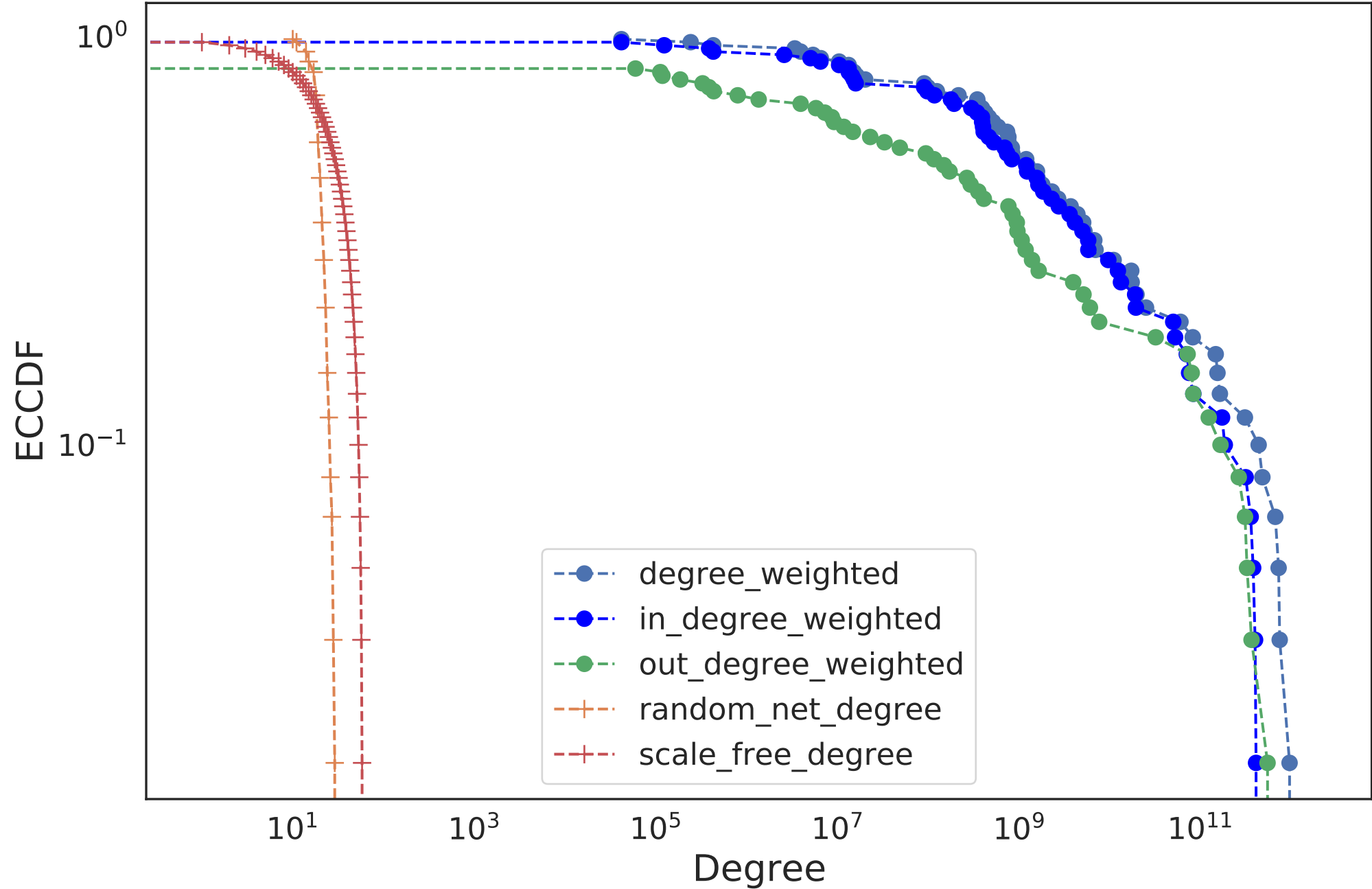


Figure 1 is a log-log plot showing the distribution of degree, in\_degree, and out\_degree for the network, compared to random\_net\_degree and scale\_free\_degree. The x-axis is 'Degree' on a log scale from  $10^0$  to  $10^2$ . The y-axis is 'Count' on a log scale from  $10^0$  to  $10^4$ . The plot shows that the network's degree distribution is significantly different from a random network and follows a power-law distribution characteristic of a scale-free network.

Degree	degree	in_degree	out_degree	random_net_degree	scale_free_degree
1	~1000	~1000	~1000	~1000	~1000
2	~1000	~1000	~1000	~1000	~1000
3	~1000	~1000	~1000	~1000	~1000
4	~1000	~1000	~1000	~1000	~1000
5	~1000	~1000	~1000	~1000	~1000
6	~1000	~1000	~1000	~1000	~1000
7	~1000	~1000	~1000	~1000	~1000
8	~1000	~1000	~1000	~1000	~1000
9	~1000	~1000	~1000	~1000	~1000
10	~1000	~1000	~1000	~1000	~1000
11	~1000	~1000	~1000	~1000	~1000
12	~1000	~1000	~1000	~1000	~1000
13	~1000	~1000	~1000	~1000	~1000
14	~1000	~1000	~1000	~1000	~1000
15	~1000	~1000	~1000	~1000	~1000
16	~1000	~1000	~1000	~1000	~1000
17	~1000	~1000	~1000	~1000	~1000
18	~1000	~1000	~1000	~1000	~1000
19	~1000	~1000	~1000	~1000	~1000
20	~1000	~1000	~1000	~1000	~1000
21	~1000	~1000	~1000	~1000	~1000
22	~1000	~1000	~1000	~1000	~1000
23	~1000	~1000	~1000	~1000	~1000
24	~1000	~1000	~1000	~1000	~1000
25	~1000	~1000	~1000	~1000	~1000
26	~1000	~1000	~1000	~1000	~1000
27	~1000	~1000	~1000	~1000	~1000
28	~1000	~1000	~1000	~1000	~1000
29	~1000	~1000	~1000	~1000	~1000
30	~1000	~1000	~1000	~1000	~1000
31	~1000	~1000	~1000	~1000	~1000
32	~1000	~1000	~1000	~1000	~1000
33	~1000	~1000	~1000	~1000	~1000
34	~1000	~1000	~1000	~1000	~1000
35	~1000	~1000	~1000	~1000	~1000
36	~1000	~1000	~1000	~1000	~1000
37	~1000	~1000	~1000	~1000	~1000
38	~1000	~1000	~1000	~1000	~1000
39	~1000	~1000	~1000	~1000	~1000
40	~1000	~1000	~1000	~1000	~1000
41	~1000	~1000	~1000	~1000	~1000
42	~1000	~1000	~1000	~1000	~1000
43	~1000	~1000	~1000	~1000	~1000
44	~1000	~1000	~1000	~1000	~1000
45	~1000	~1000	~1000	~1000	~1000
46	~1000	~1000	~1000	~1000	~1000
47	~1000	~1000	~1000	~1000	~1000
48	~1000	~1000	~1000	~1000	~1000
49	~1000	~1000	~1000	~1000	~1000
50	~1000	~1000	~1000	~1000	~1000
51	~1000	~1000	~1000	~1000	~1000
52	~1000	~1000	~1000	~1000	~1000
53	~1000	~1000	~1000	~1000	~1000
54	~1000	~1000	~1000	~1000	~1000
55	~1000	~1000	~1000	~1000	~1000
56	~1000	~1000	~1000	~1000	~1000
57	~1000	~1000	~1000	~1000	~1000
58	~1000	~1000	~1000	~1000	~1000
59	~1000	~1000	~1000	~1000	~1000
60	~1000	~1000	~1000	~1000	~1000
61	~1000	~1000	~1000	~1000	~1000
62	~1000	~1000	~1000	~1000	~1000
63	~1000				



ECCDF comparison Network vs. Random Network vs. Scale Free Network - WEIGHTED Degrees



## Infos

Number of nodes: 60  
Number of links: 612  
Random Net Standard deviation: 4.160128203152718  
Random Net Mean: 20.4  
Random Net Median: 20.0  
Random Net Min: 10  
Random Net Max: 31