

Economic Network Analysis

Problem Set 1

The attached network.txt file contains data on a network of relations between firms. Each line contains data on the input sellers of one firm, with the first entry being the firm ID and the following entries being the IDS of the inputs sellers. For instance: 1,4,1991 means that firm 1 has two inputs sellers, firm 4 and firm 1991.

1. Plot the in-degree distribution
2. Plot the in-degree distribution on a log-log plot
3. Plot the out-degree distribution
4. Plot the Counter CDF (CCDF) of the in-degree distribution.
5. Plot the CCDF on a log-log plot
6. Save all the plots as .png files (label axis).