





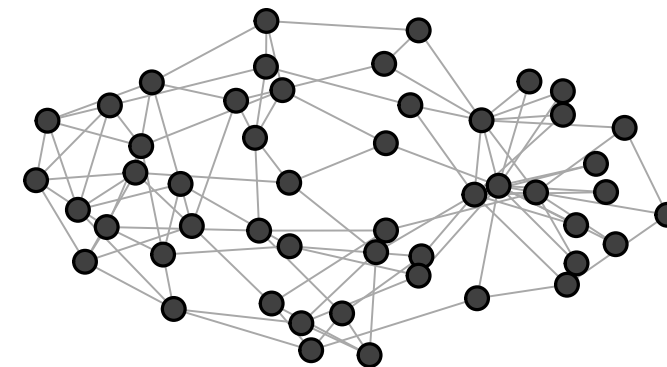
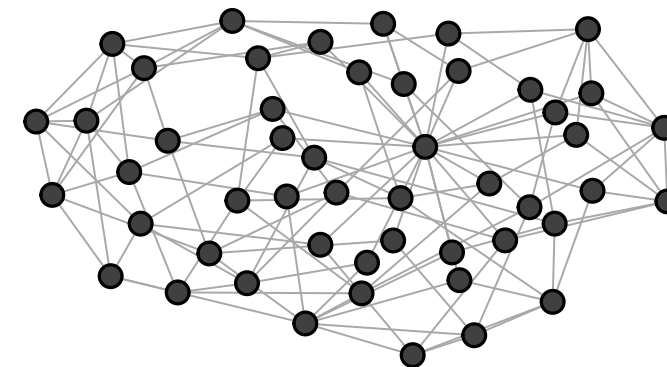
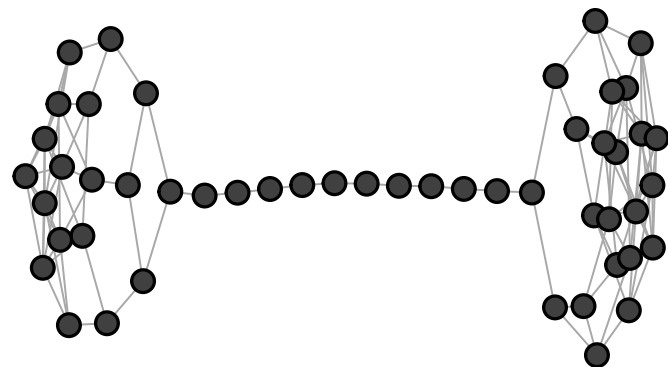


degree

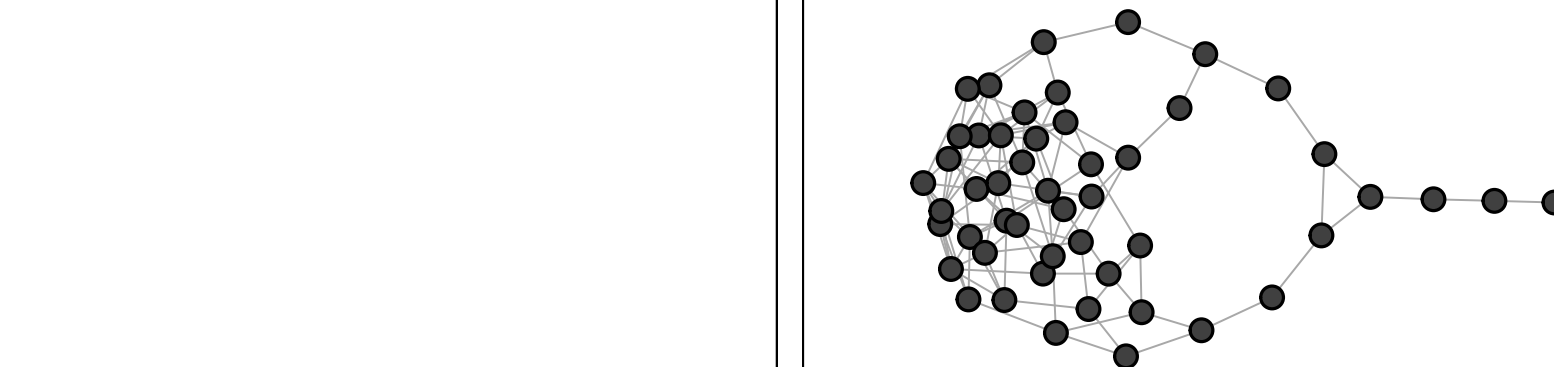
betweenness

closeness

eigenvector

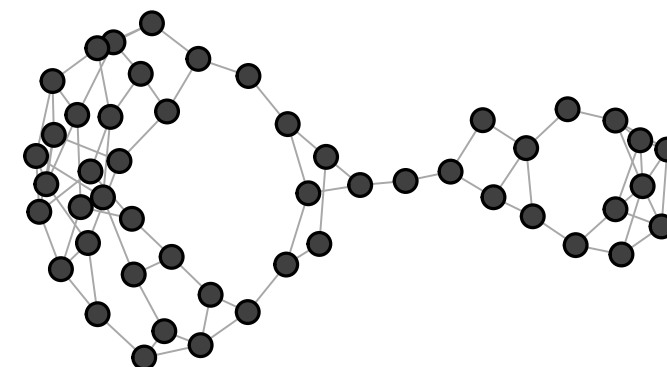


0.84



0.61

0.84



0.63

0.86

0.91

degree

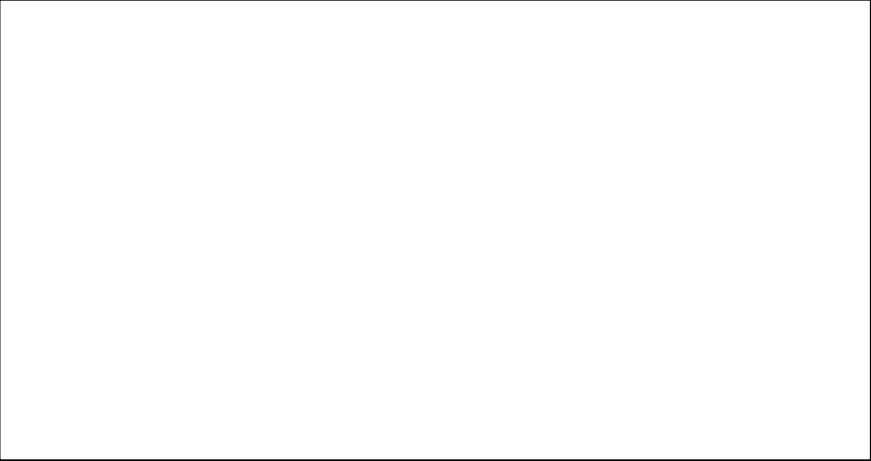
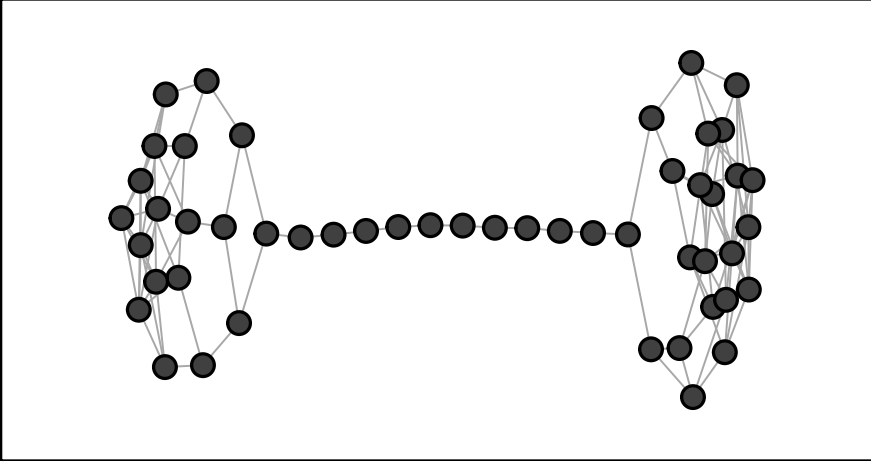
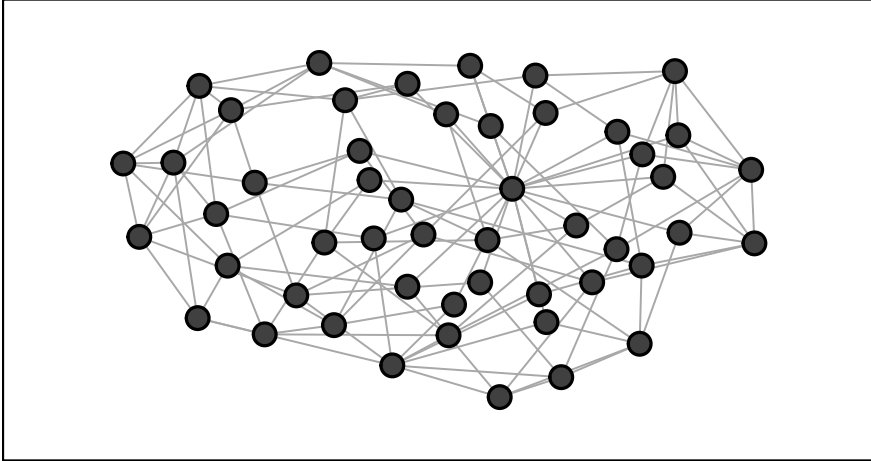
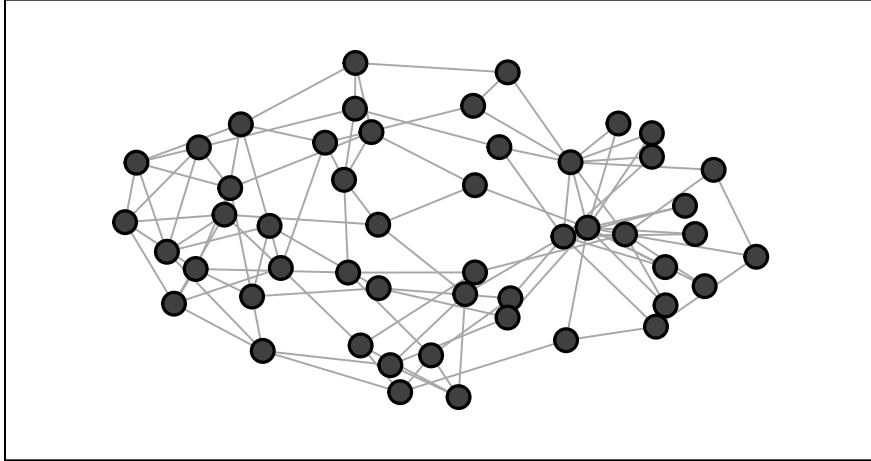

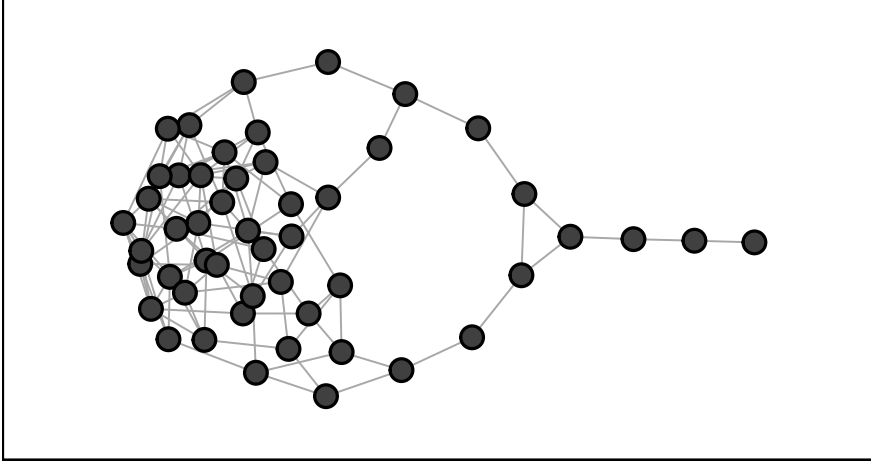
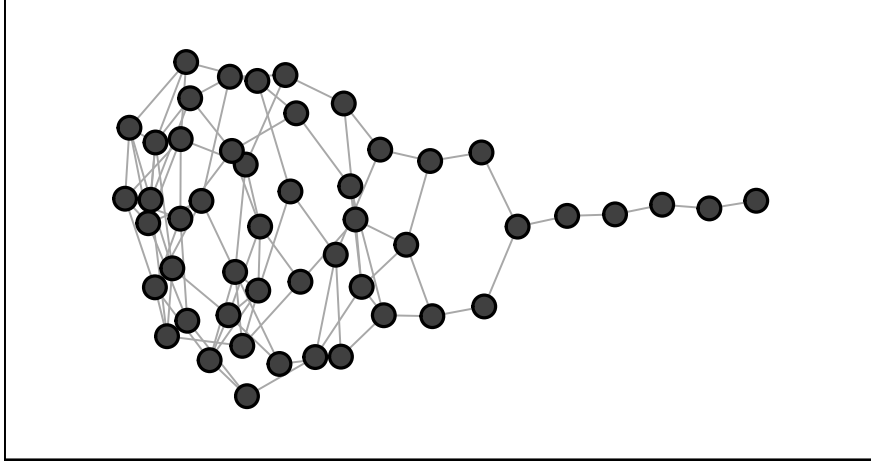

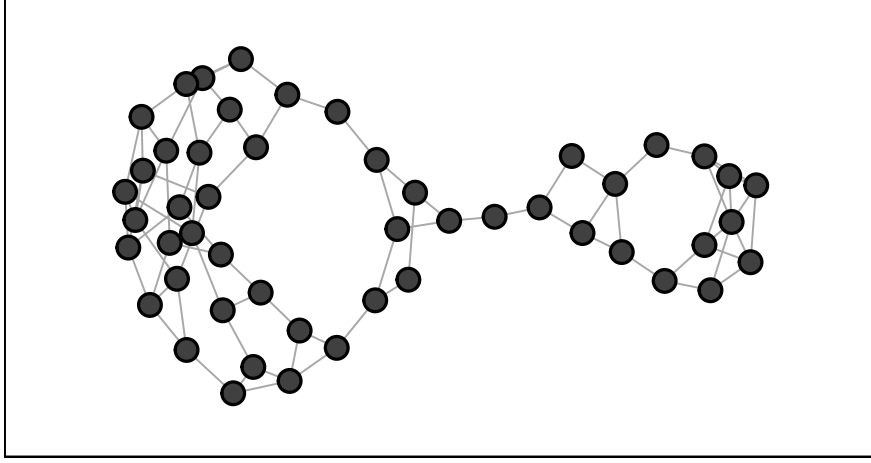

betweenness

closeness

eigenvector

# constructing networks with high discordance

are there classes of graphs where we consistently observe high rank dissimilarities among pairs of indices?

| degree   | betweenness  | closeness   | eigenvector   |             |
|--|--|---|---|-------------|
|  |   |    |    | degree      |
| 0.84   |  |   |   | betweenness |
| 0.61   | 0.84   |  |  | closeness   |
| 0.63   | 0.86   | 0.91  |  | eigenvector |

**real-world networks**