

Whole networks: 2nd exercise

Data set: your ego network data

Due the 17th April

Apply the whole network measures in your ego network

- Density (cohesion)
 - Average degree (cohesion)
 - Geodesic distance (cohesion)
 - Centralization
 - Reciprocity
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- NOTE: the UCINET instructions are in the Whole network exercise #1 Knoke bureaucracies

Compare the measures of your network to that of a colleague sitting near you

- Visualise both (yours and your colleague) networks first : which intuitions does it give in terms of its level of cohesion and centralisation?
- How does your ego network differs in terms of its:
 - Cohesion (density & average degree)
 - Reciprocity
 - Centralisation
- How do you explain these differences? Why do you think yours is more/less cohesive, more/less centralised?
- **Remember** : the size of the network will necessarily affect these measures: because larger networks have greater potential for more ties , this very fact makes it more difficult for large networks to have high density values; its much easier for smaller network to reach their full potential density score

What needs to be sent

- Outputs/text files – the UCINET produces .Txt files which you can save and send; you may prefer other format, and anything is OK as far as it is readable
- A short paragraph on the questions asked in the previous slide