

# SNA 17-18 - STEP 1 CLASS PROJECT

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Whole network analysis

Deadline : april 26th

# Describe your matrices

- Undergraduate degree analysed
- # of nodes in the matrix
- Matrix 1 – relation X
- Matrix 2- relation Y
- .....

# Apply the whole network measures in all the matrices of your study

- Density (cohesion measure)
- Average degree (cohesion measure)
- # of ties
- Geodesic distance (cohesion measure)
- Reciprocity (cohesion measure)
- Centralization

# Compare the whole network per matrix (relation) of your study

- What are the main differences/similarities among them?
  - How can you explain them?
  - Are these results in the direction you expected ? Why do you say so?
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- You can and should complement your answer with your personal knowledge of the groups being studied (of whom you are indirectly or directly part of)

# Deadline – during the week of april 23rd

- Hand-in a printed version and submit by e-mail
- Please Also hand in printed the original questionnaires
- If you are submitting in a day we do not have classes please leave it on my name in Rua Miguel Lupi, 20 office building (just in front of the stairs next to the kiosk in the garden)

# Bibliography –for further help

- Main
- HANNEMAN, R. A., Introduction to Social network methods ( <http://faculty.ucr.edu/~hanneman/nettext/> )
- Borgatti, S., Everett, M.G., Johnson, J.C., 2013, Analyzing Social networks, Sage