

# Lab #1

- Due Mar 1 by 11:59pm
- Points 100
- Submitting a website url or a file upload
- File Types pdf and html
- Available Jan 25, 2023 at 12am - Mar 4 at 11:59pm

This assignment was locked Mar 4 at 11:59pm.

## Networks Lab #1 Assignment

1. *Develop a hypothesis about how some ego-network measure (e.g., degree/size, density, diversity, average-level of alters, homophily, structural holes, or brokerage) may be related to some other variable of interest.*
2. *Explain why you think these two variables should be related.*
3. *Tell me about your variables. What is your dependent variable? What are your independent variables? How are they coded? How are they recoded? How are they calculated, if appropriate?*
4. *Present your initial results from your first few models. What do they indicate about your hypothesis?*
5. *Consider alternate specifications of your variables (i.e., recodings of various kinds). Consider interactions among your variables.*
6. *And give your best conclusion as to whether your initial hypothesis held up - and if not, why not.*