

## Week 1 Homework

1. Using any tool (from pencil and paper to powerpoint to R), draw your 2-step family network with you as the ego. Define edges as you choose (although recognize that moving beyond “parent-child” or partnership/marriage ties, however defined, could greatly increase the size of your network).

Remember: a two-step network with parent-child ties could be: you – first step to – parent – second step to – grandparent.

2. Are there any decisions that you have to make in terms of the boundaries of your network (e.g. who you include in your network, such as in-law, step-, other types of relationships, etc.)?
3. What is the size of your network (e.g. # of nodes?)
4. How many edges are in your network?
5. Draw the three -step network. How does the size of your network change if you include 3-step nodes (Feel free to stop at >40 nodes if you’d like)?

**Bonus:** Can you draw your network in R?