Introduction to Social Network Analysis

Individuals are often influenced by their friends, coworkers, family members, and others with whom they come into contact. Yet most statistical modeling approaches rely on an assumption of independence requiring researchers to ignore such influence (or violate the assumption). Social network analysis (SNA) is a statistical tool for examining human behavior that accounts for interdependencies in the data, allowing researchers to explicitly model the influence individuals have on each other. In this workshop, participants will learn how to use SNA to answer their research questions and will get hands-on practice using R software to visualize and model social network data. Data will be provided. Participants must bring their own laptop computer.

Participants in this workshop will learn how to:

- Develop research questions appropriate for social network analysis
- Collect social network data
- Transform traditional data structures into social networks
- Use social network statistics in traditional linear modeling
- Perform cross-sectional social network analysis

Daily Agenda

9:00 a.m. - 12:00 p.m. SNA Instruction
12:00 p.m. - 1:00 p.m. Lunch (provided daily)
1:00 p.m. - 3:00 p.m. SNA Instruction
3:00 p.m. - 4:00 p.m. Individual Consultations

May 20-22, 2019
Monday-Wednesday

9:00 a.m. - 4:00 p.m.

Lunch provided

Register today

MyLearning Connection

Search for social network analysis
or contact the FCTL at 836-3059

Registration limited to 20 participants

FREE for MSU faculty using their non-credit fee waiver.
Select the individual pay option.
Budget transfer options are also available.

For more information contact
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