

POLI SCI 490

R Workshop

2024-2025

Organizer: Gustavo Diaz

Email: gustavo.diaz@northwestern.edu

Website: <https://gustavodiaz.org/rworkshop/>

Overview

The R Workshop is a year-long series that meets three times per quarter during the academic year. The purpose of the workshop is to learn, practice, and update cutting edge statistical programming skills as they apply to quantitative and computational social science.

Most workshop meetings will feature an introduction to a new tool/method/approach and practice. Once per term, usually toward the end of the quarter, we will have an open-ended coding session in which you can work on any project that may benefit from the group setting, or we can use that time to collectively learn something new (e.g. incorporating generative AI into our coding workflow).

The workshop is open to everyone, but those formally enrolled will receive full credits by attending to every meeting. To receive credit, you must sign up to the corresponding version of POLI_SCI 490 in the **Spring** quarter.

The aim is to present topics that are equally useful for new and advanced users. So if you see a topic that you are already confident on, chances are that you will still learn something new. The open-ended coding sessions are also a good instance to learn some intangible skills.

Schedule

Fall (3:00 – 4:20 PM, Scott Hall 212)

October 7: Writing papers in Quarto

October 28: Presentations and posters

November 25: Coding session

Winter

Meeting 4: Interpreting statistical results

Guest speaker: Vincent Arel-Bundock – Université de Montréal

Meeting 5: Geographical and census data

Guest speaker: Michelle Bueno Vásquez – Northwestern University

Meeting 6: Coding session

Spring

Meeting 7: Spatial Data in R

Guest speaker: Nicole Wilson – Northwestern University

Meeting 8: Images as Data for Social Science Research

Guest speaker: Hyein Ko – University of Illinois Urbana-Champaign

Meeting 9: Coding session

Details Subject to Change

Please note that the specifics of this workshop are subject to change in the case of unforeseen circumstances.