



Syllabus

Quantitative Research Methods - 58888

Last update 07-08-2023

HU Credits: 4

Responsible Department: International Relations

Academic year: 0

Semester: 1st Semester

Teaching Languages: English

Campus: Mt. Scopus

Course/Module Coordinator: Omer Solodoch

Coordinator Email: omer.solodoch@mail.huji.ac.il

Coordinator Office Hours: 14:10-15:10 by appt.

Teaching Staff:
Dr. Omer Solodoch

Course/Module description:
This course provides the fundamental tools of designing and applying quantitative

research. We focus on research design and on quantitative methods of data analysis used in the social sciences and the fields of international relations and political science. The skills you will acquire are essential to read, comprehend, and carrying out empirical research. Students should have working knowledge of probability theory, statistical inference, and linear regression, at the level taught in introductory methods courses, such as "Scope and Methods in International Relations and Political Science - 58303"

Course/Module aims:

Learning outcomes - On successful completion of this module, students should be able to:

plan a research design to address their research question.
understand the basics of the linear regression model.
read and comprehend social science research that uses linear regressions as a means for inference.
carry out empirical social science research.

Attendance requirements(%):

Teaching arrangement and method of instruction:

Course/Module Content:

The Science in Social Science
Causal Inference
Research Design and the Potential Outcomes Framework
Regression Analysis
Survey Experiments
Field Experiments
Panel Data and Difference-in-Differences
Instrumental Variables (IV)

Required Reading:

King, G., Keohane, R.O. and Verba, S., 1994. Designing social inquiry: Scientific inference in qualitative research. Princeton university press.

Gerring, J., 2011. *Social science methodology: A unified framework*. Cambridge University Press.

Angrist, J.D. and Pischke, J.S., 2009. *Mostly harmless econometrics: An empiricist's companion*. Princeton university press.

Huntington-Klein, N., 2021. *The effect: An introduction to research design and causality*. Chapman and Hall/CRC.

Tomz, M., 2007. Domestic audience costs in international relations: An experimental approach. *International Organization*, 61(4), pp.821-840.

Hainmueller, J., Hiscox, M.J. and Sequeira, S., 2015. Consumer demand for fair trade: Evidence from a multistore field experiment. *Review of Economics and Statistics*, 97(2), pp.242-256.

Kronick, D., 2020. Profits and violence in illegal markets: Evidence from Venezuela. *Journal of conflict resolution*, 64(7-8), pp.1499-1523.

Colantone, I. and Stanig, P., 2018. The trade origins of economic nationalism: Import competition and voting behavior in Western Europe. *American Journal of Political Science*, 62(4), pp.936-953.

Additional Reading Material:

Grading Scheme:

Presentation / Poster Presentation / Lecture/ Seminar / Pro-seminar / Research proposal 60 %

Active Participation / Team Assignment 10 %

Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 10 %

Presentation / Poster Presentation / Lecture 10 %

Attendance / Participation in Field Excursion 10 %

Additional information:

Course will be given in English. Prerequisite: "Scope and Methods in International Relations and Political Science - 58303"