Ü Methods in International Relations: Quantitative Methods in International Relations (Scientific exercise)

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Course type: Scientific exercise

ECTS: 6

Course suitable for: Bachelor

Language of instruction: English

Credit hours1: 2

Attendance: Live & on-campus

Literature:

Wickham, Hadley, Mine Çetinkaya-Rundel, and Garrett Grolemund. 2023. R for Data Science. 2nd ed. “O'Reilly Media, Inc.”

Examination achievement: Final Exam (Take Home)

Instructor(s):

Stefan Eschenwecker

Date(s):

Monday (weekly) 10.02.2025 – 26.05.2025 12:00 – 13:30 C -108 Methodenlabor – groß/ Telefonlabor; A 5, 6 Bauteil C

Description:

Quantitative Methods in International Relations

This course will teach students how to address social science questions in the fields of international relations and European integration by analyzing quantitative data in R. The course will introduce students to R, a free and versatile software environment for statistical computing and graphics. Students will learn about data management, basic principles for statistical inference, techniques for dealing with continuous and binary dependent variables and data visualization.

The course assessment consists of two components: coursework (“Studienleistungen”) and examination (“Prüfungsleistungen”). Coursework is graded as pass/fail and is deﬁned as preliminary required (“Vorleistung”) before you can be admitted to the examination. The final exam will be a take-home exam (graded). It will consist of a data analysis project, for which we will hand out a data set and a problem description. The examination requirement will be graded on a scale from 1,0 (sehr gut) to 5,0 (nicht ausreichend) and will be the grade for the entire course.