

Panel Data Analysis Using Stata
(Modulnummer BA-WW-WPA, D-WW-WPA)
Sommersemester 2024

Brief description

In this course, students learn the basics of (empirical) scientific work. This includes academic writing (e.g. structure of academic texts, correct citation methods, risks and potentials of technical tools such as ChatGPT) as well as practical aspects of empirical research. In addition to formulating empirical questions, students also learn how to use the statistical software Stata. Students learn the basics of (panel) data processing and the application of initial descriptive analysis methods. The Socio-Economic Panel (SOEP) serves as the data basis. The course is held in German.

Course dates

Two course days: 03 June and 04 June 2024. 09:00 to 17:00 with 3-4 sessions each in room SCH B247.

In the last session, students will choose between different topics for a joint seminar paper (10-15 pages, submission: 02 July 2024) which will be worked on in small groups. After two weeks of work, students can submit an exposé to receive feedback.

Recognition and registration

The course is a compulsory elective module of the Bachelor's degree programmes in Business Administration and Economics and Business Education as well as the main study programme of the Diploma degree programmes in Business Information Systems and Industrial Engineering.

The WPA courses are allocated centrally by the faculty. The students assigned to the course are added to the OPAL course. Enrolment in HISQIS must be done independently.

Prerequisites

Basic knowledge of statistics. Knowledge of English (at least B1 level) is an advantage.

Dozent

Andreas Leibing (aleibing@diw.de), Consultation hours: by appointment, HÜL 316.

Performance to be achieved

Seminar paper (100% of the final grade)

Recommended introductory literature

Acock, A. C. (2023). A Gentle Introduction to Stata, Revised Sixth Edition. Stata Press.

Goebel, J., Grabka, M. M., Liebig, S., Kroh, M., Richter, D., Schröder, C., & Schupp, J. (2019). The German socio-economic panel (SOEP). Yearbooks of Economics and Statistics, 239(2), 345-360.

Kornmeier, M. (2007). Wissenschaftstheorie und wissenschaftliches Arbeiten: eine Einführung für Wirtschaftswissenschaftler. Springer-Verlag.