



E360 – Stata: Regression Analysis with Historical Data

Syllabus (Winter Semester 2026/2027)

Instructor Information

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Office Hours: By appointment

Class Information

Lectures: Mon 14:00–18:00
Venue: PC-Labor 008, Nauklerstr. 47
Language of Instruction: English
ECTS: 6

1. Course Description

This course introduces students to empirical research using Stata, with a focus on applications in economic history and applied economics. Students will learn how to manage datasets, conduct descriptive statistical analysis, visualize data, and estimate regression models. The course emphasizes practical skills for empirical research, including data preparation, model interpretation, and econometric reasoning.

2. Learning Objectives and Materials

By the end of the course, students should be able to:

- use Stata for basic empirical analysis;
- prepare, clean, and manage datasets;
- produce descriptive statistics and graphs;
- estimate and interpret OLS and selected advanced regression models;
- understand the econometric reasoning behind the methods covered in class.

Slides, datasets, exercise materials, and additional reading recommendations will be provided during the course. Students are expected to review the lecture slides and practice the Stata commands independently.

3. Course Schedule

Date	Topic
12.10.2026	Stata Introduction
19.10.2026	Descriptive Statistics and Graphs
26.10.2026	Data Management and Human Capital Estimation
02.11.2026	Regression Analysis: OLS
09.11.2026	Regression Analysis: Advanced Models
16.11.2026	Regression Analysis: Advanced Models

4. Assessment

Written Exam (100%)

Haupttermin: 30 November 2026, 14:00–15:00
Nachtermin: 18 January 2027, 14:00–15:00

Practical Assignment (voluntary, bonus points towards your final grade)

Deadline: 23 November 2026, EOD.

Note: Further information on course organization, exam details, and the practical assignment will be communicated during the semester.