

Empirical Economics

Michael Pfaffermayr – Herbert Stocker – Janette Walde
SS 2015

This course deals with empirical applications in economics. It provides an introduction to some important fields in econometrics (e.g. time series analysis, panel econometrics, system estimation) and supports the students' work on an empirical project of their own. The main aim of the course is to offer students the possibility to do their Bac-thesis within this course.

Organization:

The proseminar (2 units) is reserved for the Bac-thesis or a seminar-thesis. There will be a presentation at the end of the semester.

Course prerequisites:

Students should have a knowledge of statistics and econometrics and should have completed the course 'Introductory Econometrics'. Furthermore, we expect knowledge of the economic field where the chosen Bac- or seminar thesis belongs to.

Grading

The grades are based on assignments, take home exams and the presentation of an own empirical project. Grades are credit weighted averages of all parts of the course.

First meeting: Tuesday, 10.3.2015, 15:00h, HS2

Lecture and Proseminar are integrated and consist of the following parts

- Time series (Janette Walde):

Di 24.03. 10.00-11.45 – SR 9 (Sowi)

Di 14.04. 10.00-11.45 – SR 9 (Sowi)

Di 21.04. 10.00-11.45 – SR 9 (Sowi)

Di 28.04. 10.00-11.45 – SR 9 (Sowi)

Di 05.05. 10.00-11.45 – SR 9 (Sowi)

Di 12.05. 10.00-11.45 – SR 9 (Sowi)

Di 19.05. 10.00-11.45 – SR 9 (Sowi)

- Topics in econometrics (Herbert Stocker): (first half of the semester)
 - Di 10.03. 15.00-16.45 – HS 2 (Sowi)
 - Di 17.03. 15.00-16.45 – HS 2 (Sowi)
 - Di 24.03. 15.00-16.45 – HS 2 (Sowi)
 - Di 21.04. 15.00-16.45 – HS 2 (Sowi)
 - Di 28.04. 15.00-16.45 – HS 2 (Sowi)
 - Di 05.05. 15.00-16.45 – HS 2 (Sowi)
 - Di 12.05. 15.00-16.45 – HS 2 (Sowi)

- Panel econometrics (Michael Pfaffermayr): (second half of the semester)
 - Di 19.05. 15.00-16.45 – HS 2 (Sowi)
 - Di 26.05. 15.00-16.45 – HS 2 (Sowi)
 - Di 02.06. 15.00-16.45 – HS 2 (Sowi)
 - Di 09.06. 15.00-16.45 – HS 2 (Sowi)
 - Di 16.06. 15.00-16.45 – HS 2 (Sowi)
 - Di 23.06. 15.00-16.45 – HS 2 (Sowi)

- Presentation of empirical projects: (end of semester)

References

- Baltagi, B. H. (2008), *Econometric Analysis of Panel Data*, 4 edn, Wiley.
- Brockwell, P. J. and Davis, R. A. (2002), *Introduction to Time Series and Forecasting*, 2nd edn, Springer.
- Greene, W. H. (2007), *Econometric Analysis*, 6th edn, Prentice Hall.
- Long, J. S. (1997), *Regression Models for Categorical and Limited Dependent Variables*, SAGE Publications, Inc.
- Lütkepohl, H. (2007), *New Introduction to Multiple Time Series Analysis*, Springer.
- Schlittgen, R. and Streitberg, B. H. J. (2001), *Zeitreihenanalyse.*, Oldenbourg.