

Guest Lecture at CUCEA, Universidad de Guadalajara, México
EMPIRICAL INTERNATIONAL TRADE

Andreas Fuchs

Chair of Development Economics and International Economics, University of Goettingen

E-mail: andreas.fuchs@wiwi.uni-goettingen.de

Web: <http://www.uni-goettingen.de/en/94566.html>

Nils-Hendrik Klann

Chair of Development Economics, University of Goettingen

Ibero-America Institute for Economic Research, University of Goettingen

E-mail: hk@uni-goettingen.de

Web: <http://www.uni-goettingen.de/nklann>

Seminar:	Wednesday, September 7 (14h-18h)	Seminar room
	Thursday, September 8 (14h-18h)	Computer laboratory
	Friday, September 9 (14h-17h)	Computer laboratory
Evaluation:	Completion of two empirical exercises	

Course description

The seminar provides the students with the econometric tools to analyze the determinants of international trade flows. The course consists of two parts. The first part is in lecture-style and will cover the principals and theory of estimating gravity models for international trade studies. In addition, selected empirical studies in this field will be presented in order to motivate the students' own research. The second part is held in the computer laboratory and will give an introduction to the econometric software STATA and teach how to implement gravity equations in STATA.

The seminar will focus on the following topics:

- The impact of regional trade agreements
- International trade and diplomatic relations
- Border effects

The aim is to learn important tools to write a scientific paper in international economics. The students are encouraged to apply their knowledge in econometrics and international economics.

Course outline:

- 1. Introduction
- 2. The gravity equation
- 3. International trade data bases
- 4. Selected paper: Rose (2004)
- 5. Introduction to STATA
- 6. Estimating a gravity equation in STATA
- 7. Border effects
- 8. Post-regression analysis in STATA
- 9. Panel data and gravity