Applied econometric analysis of stated choice data  
(MA and MAGKS course)

Lecturer:
Prof. Dr. Andreas Ziegler  
Chair of Empirical Economic Research  
Nora-Platiel-Str. 5, 34109 Kassel  
Office hours: Wednesday, 11.30-12.30 h (during the lecture period) (room 1119)

Planned schedule:

First part (April 04 – April 09, 2019)

April 04
Introduction to Stata (Engler): 10.00-12.00 h (Nora-Platiel 4, room 1215)  
Lecture (Ziegler): 13.00-15.00 h (Nora-Platiel 6, room 0211)  
Lecture and applications with Stata (Ziegler): 15.30-18.30 h (Nora-Platiel 4, room 1215)

April 05
Tutorial with Stata (Engler): 10.00-13.00 h (Nora-Platiel 4, room 1215)  
Lecture (Ziegler): 14.00-16.00 h (Nora-Platiel 6, room 0211)  
Lecture and applications with Stata (Ziegler): 16.30-18.30 h (Nora-Platiel 4, room 1215)

April 08
Lecture and applications with Stata (Ziegler): 10.00-12.00 h (Nora-Platiel 4, room 1215)  
Tutorial with Stata (Engler): 13.00-16.00 h (Nora-Platiel 4, room 1215)  
Lecture (Ziegler): 16.30-18.30 h (Nora-Platiel 6, room 0211)

April 09
Lecture and applications with Stata (Ziegler): 10.00-13.00 h (Nora-Platiel 4, room 1215)  
Tutorial with Stata (Engler): 14.00-17.00 h (Nora-Platiel 4, room 1215)

Second part (July 11 – July 12, 2019)

July 11
Presentations: 10.00-18.00 h (room to be announced)

July 12
Presentations: 10.00-18.00 h (room to be announced)
Lecture slides:
On the website and in the moodle course “Applied econometric analysis of stated choice data”

Prerequisite for attending the course:
Deep knowledge of microeconometric models and methods

Requirements for earning 6 ECTS credits:
- For master students in Kassel: Successful attendance of an econometric master course
- Attendance and active participation throughout both parts of the course
- Writing of a seminar paper (about ten pages plus tables) and oral presentation in the second part of the course

Outline:
1. Introduction to multinomial discrete choice models
   1.1 Background
   1.2 General model structure
   1.3 Maximum Likelihood estimation
   1.4 Statistical testing
   1.5 Multinomial logit models
   1.6 Applications
2. Flexible multinomial discrete choice models
   2.1 Background
   2.2 Multinomial probit models
   2.3 Mixed logit models
   2.4 Latent class logit models
   2.5 Applications
3. Stated choice analyses
   3.1 Stated and revealed preferences
   3.2 Design of stated choice experiments
   3.3 Examples
   3.4 Econometric analysis
   3.5 Applications
Literature: