
PCQR

Potsdam Center for Quantitative Research

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Workshop Introduction to Mata

Lecturer

Prof. Dr. Ulrich Kohler
(University of Potsdam)

Date and Time

13 October 2016
09:15 – 17:45

Venue

University of Potsdam
Campus Griebnitzsee
House 7, Seminar Room 144

About

Mata is a full-fledged programming language that operates in the Stata environment. It is designed to make programming functions for matrices real easy. The workshop provides an introduction to basic Mata concepts and a step-by-step example of implementing an estimator for Stata with Mata.

- First Principles
- Stata in Mata
- Implementing an Estimator
- Common Problems, Proper Solutions
- Mata Programming Style

The workshop alternates between lecturer's input and self-learning exercises.

Prerequisites

Previous experience with Mata is not required. However, participants should be fluent with Stata and should have experience with programming tools such as local macros (`local`), and loops (`foreach`, `forvalues`). They should also know in principle what an "Ado-File" is. Reading of Chapter 12 of Kohler/Kreuter's "Data Analysis Using Stata" would be an excellent preparation to participate.

Registration

The maximal number of participants will be 20. Please register by writing an E-Mail to sek-lmes@uni-potsdam.de. Students and researchers from all Universities in Brandenburg and Berlin are welcome, but PCQR members and their staff take precedence.