



## WORKSHOP

# Stata II

- Instructor** Dr. Gundula Zoch, Leibniz-Institut für Bildungsverläufe (LifBi)
- Time** Monday, 20.05.2019: 10:00-12:30 (s.t.) & 13:30-17:00 (s.t.)  
Tuesday, 21.05.2019: 09:00-12:00 (s.t.) & 13:00-15:00 (s.t.)
- Place** Leibniz-Institut für Bildungsverläufe (LifBi), Wilhelmsplatz 3, 96047 Bamberg  
room: 109A
- Registration** To register, please send a mail to [weiterbildung@lifbi.de](mailto:weiterbildung@lifbi.de)  
Registration is mandatory: the number of participants is limited to 16! Deadline for registration: 15.04.2019
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## PREREQUISITES

- Prior experience with Stata, particularly knowledge of syntax-based workflow
  - Using do-files and log-files
- Generating and recoding variables using cross-sectional data
- Applying most frequently used descriptive, bivariate analyses (e.g.: tables, correlations, t-tests)
- Basics of linear regression in Stata

## TOPICS COVERED

- Advanced data management using panel data
- Advanced multivariate methods
  - Panel regression models (Fixed and random effects models)
  - Regression models for categorical outcomes
  - Specification and interpretation of interaction terms
  - Graphical presentation of regression results (coefplot and marginsplot)
- Improving your Stata workflow (macros, loops and programming)
- Combining individual data and administrative records