FURTHER EDUCATION AND TRAINING

LIfBi
LEIBNIZ INSTITUTE FOR
EDUCATIONAL TRAJECTORIES

BAMBERG
GRADUATE SCHOOL
OF SOCIAL SCIENCES

JOINT WORKSHOP OF BAGSS AND LIfBi

WORKSHOP

Stata II

Instructor	Kerstin Hoenig, Leibniz-Institut für Bildungsverläufe e.V. (LIfBi)
Time	Wednesday, 11.01.2017: 12:45-15:45 (s.t.)
	Wednesday, 25.01.2017: 12:45-15:45 (s.t.)
Place	Leibniz-Institut für Bildungsverläufe e.V. (LIfBi), Wilhelmsplatz 3, 96047 Bamberg; room: 109 A
Registration	To register, please send a mail to Miriam Schneider (miriam.schneider@uni-bamberg.de). The registration is mandatory; deadline for registration: December 2, 2016.

PREREQUISITES
- o Basic knowledge of Stata and the Stata syntax, as covered in introductory courses such as Stata I
  - o Using do-files and log-files
  - o Generating and recoding variables
  - o Uni- and bivariate analyses (e.g.: tables, correlations, t-tests)
  - o Basics of linear regression in Stata
- o Please note that the course does not give a detailed insight into the statistical procedures and the underlying mathematics, but introduces how to use standard statistical procedures in Stata

TOPICS COVERED
- o Improving your Stata workflow
- o Macros, loops and programming
- o Advanced data management (including panel data)
- o Advanced multivariate methods – depending on the interest of participants, topics might include (but will NOT cover all of the following):
  - o Specification and interpretation of interaction terms
  - o Regression models for categorical outcomes (logit, probit, ologit, mlogit…)
  - o Factor analysis
  - o Introduction to hierarchical models, event history models, or panel data analysis