



ANNOUNCEMENT

JOINT WORKSHOP
OF BAGSS AND LifBi

WORKSHOP

Stata I

Instructor	Dr. Gundula Zoch, Leibniz-Institut für Bildungsverläufe (LifBi)
Time	Monday, 12.11.2018: 10:00-12:30 (s.t.) & 13:30-17:00 (s.t.) Tuesday, 13.11.2018: 09:00-12:00 (s.t.) & 13:00-15:00 (s.t.)
Place	Leibniz-Institut für Bildungsverläufe (LifBi), Wilhelmshplatz 3, 96047 Bamberg room: 109A
Registration	To register, please send a mail to weiterbildung@lifbi.de <u>The Registration</u> is mandatory; deadline for registration: Monday, October 15, 2018.

PREREQUISITES

- No prior experience with Stata is required
- Knowledge of syntax-based software (e.g. SPSS, R) is helpful but not required
- Participants need to have an understanding of elementary statistics and basic knowledge of empirical research design (e.g. descriptive statistics, basics of regression analysis). If you are unsure of your level of knowledge please get in touch with the instructor

SHORT COURSE OUTLINE

The course aims at giving a sound introduction of how Stata can be best used to conduct basic types of statistical analyses. Therefore, the course introduces the typical stages of how to process empirical data analysis, starting with getting the data, rearranging data in the needed formats and applying most frequently used descriptive, bivariate and multivariate analyses. Thereby, the course introduces the general construction and documentation of Stata code using do-files and do-file documentation.

FURTHER EDUCATION AND TRAINING

**BAMBERG
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LONG COURSE OUTLINE

By using various data sources, such as individual data or administrative records on federal states-level, we will cover the data management procedures of different data, i.e. importing and exporting data. This is followed by recoding or generating new variables. We will then move to uni- and bivariate statistics, including graphical visualizations. Lastly, we will conduct simple examples of multivariate analyses, such as linear and logistic regressions and fixed-effects models, and report the results in suitable formats, using various post estimation commands. During the course, special attention is given on developing a workflow routine, using loops and macros, thus, preparing participants for complex analyses.

Although the course cannot cover all Stata commands, however, participants will gather a sound understanding of how to use standard statistical procedures in Stata to proceed to use Stata for their own research. Please note: The course will not cover statistical theory behind the applied statistical methods, thus, conducting linear regression analysis will not include the introduction of relevant assumptions of the linear regression or how coefficients are calculated. Instead, we will briefly discuss how to read the main elements of the Stata output.