



ANNOUNCEMENT

WORKSHOP

Data Management, Advanced Programming and Automation using Stata - Tips and Tricks

JOINT WORKSHOP OF
BAGSS AND LifBi

Instructor	Daniel Bela, Leibniz-Institut für Bildungsverläufe e.V. (LifBi)
Time	Tuesday, 12 June , Thursday, 14 June & Tuesday, 19 June 2018: 9:30-12:30 (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 Maren Arnold-Vargen (maren.arnold-vargen@lifbi.de). The registration is mandatory; deadline for registration: 15 May 2018 . The number of participants is limited to 15.

PREREQUISITES:

Participants should have at least moderate experience in using Stata; i.e. they should know about data manipulation commands like reshape and merge, and be capable to regularly use them. They are supposed to prepare a short verbal presentation featuring a typical Data Management or Data Analysis task (or a combination of both) they perform on a regular basis to the first session. During the course, this task may serve as an example case of automating procedures with Stata.

TOPICS COVERED:

- different mechanisms for looping, and when to apply them
- local macros, global macros, temporary objects
- object-oriented programming
- writing standalone (reusable, distributable) programs
- version control and project management (showcase only)

SHORT DESCRIPTION:

During the workshop, participants will learn how to efficiently handle problems of data management with Stata, and how to avoid repetition by automating (and programming) tasks. The workshop is not an introduction to Stata, but will feature "best practice" of Stata usage in order to modify existing do-files (or create new ones) to be reproducible, maintainable and efficient. The tips and tricks will refer mainly to data preparation and management, but they can also be used for automation of data analysis. The workshop will present some ideas about these topics, but focus on the interactive work where participants shall learn producing efficient Stata syntax by themselves.