



BAMBERG
GRADUATE SCHOOL
OF SOCIAL SCIENCES



FURTHER EDUCATION | WORKSHOP

Combining R and LaTeX for dynamic document creation

- Instructor:** Dr. Ariane Würbach, Leibniz Institute for Educational Trajectories
- Date & Time:** Tuesday, 06 February 2024, 9.00 a.m. to 1.00 p.m. (s.t.)
- Place:** LifBi, Wilhelmsplatz 3, 96047 Bamberg, Room 01.13
- Registration:** To register, please send an email to weiterbildung@lifbi.de by 23 January 2024. Registration is mandatory. The number of participants is limited to 16.

Short Outline

In this course you will learn how to combine R and LaTeX to create dynamic documents. The result can be either a PDF or an HTML file. You will learn how to embed R code into LaTeX documents to perform calculations, visualizations, and statistical analysis directly in your documents. This allows to dynamically update and adjust your results without interrupting the documentation process. Especially for recurring documentation with variable data bases, this approach allows for great efficiency gains and a high degree of standardization.

- Expand your R and LaTeX skills
- Optimize your documentation processes
- Embed R code into LaTeX documents to perform calculations, visualizations, and statistical analysis directly in your documents
- Practical exercises as well as further in-depth material

The workshop is mainly aimed at LifBi employees from all areas with basic prior knowledge and BAGSS doctoral students. In case of any vacant places, it is open to anyone interested.

About the Trainer

Dr. Ariane Würbach is a postdoctoral researcher at the Leibniz Institute for Educational Trajectories. Her research emphasis is on imputation and weighting techniques in large scale surveys. Dr. Ariane Würbach is also head of the research unit Statistical Surveys Methods which is involved in a lot of processes in data collection and data provision. To ensure high data quality and transparency she established standardized routines for managing these processes.

