



BAMBERG
GRADUATE SCHOOL
OF SOCIAL SCIENCES



FURTHER EDUCATION | WORKSHOP

Joint Workshop: Meta-Analysis

Chair of Personality Psychology and Psychological Assessment, University of Bamberg; Bamberg Graduate School of Social Sciences (BAGSS); Leibniz Institute for Educational Trajectories (LifBi).

- Instructor:** Professor Brad J. Bushman, Ohio State University
- Date & Time:** Monday, March 21 to Wednesday, March 23 2022; 09:30 a.m. to 12:45 p.m. & 01:45 p.m. to 05:00 p.m. (s.t.)
- Place:** Hybrid Sessions: Feldkirchenstr. 21, 96052 Bamberg, Room FG1/00.08 and online via Zoom (details will be announced to participants in due time)
- Registration:** To register, please send an email to courses.bagss@uni-bamberg.de by February 28, 2022. Registration is mandatory!

Short Outline

The word *meta-analysis* literally means *analysis of analyses*. A meta-analysis is a quantitative literature review that combines the analyses of studies conducted on the same topic. Conducting a meta-analysis involves seven steps:

- (1) Formulating the problem
- (2) Searching the literature
- (3) Gathering information from studies
- (4) Evaluating the quality of studies
- (5) Analyzing and integrating the outcomes of studies
- (6) Interpreting the evidence
- (7) Presenting the results

Students enrolled in this class will receive hands on experience in conducting a meta-analysis on a topic of their choice. Please bring your laptop to class each day.





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Learning outcomes

- What a meta-analysis is and when it should be used;
- How to conduct a literature search for a meta-analysis;
- How to code studies for a meta-analysis;
- How to conduct various meta-analytic procedures (e.g., fixed vs. random effects analyses, moderator analyses, funnel plot);
- How to interpret meta-analytic results.

Bibliography

Cooper, H. (2016). *Research synthesis and meta-analysis: A step-by-step approach* (5th edition). Thousand Oaks, CA: Sage. ISBN-13: 978-1483331157; ISBN-10: 1483331156

The workshop is mainly aimed at doctoral and postdoctoral members of BAGSS and LifBi as well as of the Chair of Personality Psychology and Psychological Assessment and the Institute for Psychology of the University of Bamberg. In case of any vacant places, it is open to anyone interested.

About the Trainer

Brad J. Bushman is Professor of Communication and holder of the Rinehart Chair of Mass Communication at the School of Communication of the Ohio State University in USA. His research focuses in the causes, consequences and solutions to the problems of human aggression and violence. He has published over 200 peer-reviewed articles in top scientific journals (e.g. *Science*, *PNAS*). In 2017, he received the Kurt Lewin Award from the Society for the Psychological Study of Social Issues for “outstanding contributions to the development and integration of psychological research and social action” (jointly with Craig Anderson).