Curriculum Vitae

Steven Marcel Bißantz

⌂ Nordparkstraße 10b, 76829 Landau
☎ +49 1525 3606062
✉ bissantz@uni-landau.de
⌥ https://github.com/sbissantz

DOCTORAL RESEARCH

Measurement & Replicability in The Sciences – A metascientific investigation in the role of measurement when replicating empirical findings

In particular, my research focuses on how (a) modifying validated item-based measurements or (b) the use of unvalidated scales affects the replicability of empirical findings. Despite that, I am interessted in predicting replication success with machine learning models.

WORK EXPERIENCE

RPTU Kaiserslautern-Landau
OCT 2021 – PRESENT
(PROF. DR. EUNIKE WETZEL)
PhD Student, Psychology

Mainly, I am involved in meta-science; but I also learn about quantitative methods and teach test theory, diagnostics, and R.

Center of Educational Research
MAY 2019 – JUL 2021
(ZEPF)
Research Assistant, Psychology

I researched mode effects in performance tests (VERA) using structural equation models and multilevel modeling.

University of Mannheim
SEP 2016 – APR 2018
(PROF. DR. IRENA KOGAN)
Research Assistent, Sociology

Data analysis, literature research, and the administration of the internet presence in English and German were among my tasks.

University of Mannheim
SEP 2016 – FEB 2017
(PROF. DR. FRANK KALTER)
Research Assistant, Sociology

As a tutor, I reviewed the course material content, clarified unanswered questions, and deepened the understanding of my fellow students in complementary teaching sessions.

Mannheim Center for European Social Research
APR 2015 – JUL 2015
(MZES)
Research Assistant, Sociology

After theoretical and practical training, I conducted computer-assisted telephone interviews (CATI).

MEMBERSHIPS

Statistical Modeling in Psychology
OCT 2022 – PRESENT
(SMIP)
Associate Member of the DFG Research Training Group

RPTU Open Science Commission
JAN 2022 – PRESENT
(OSC)
Member and vice chairman, since 2023

EDUCATION

2019-2021	**M.A., Social Sciences** (1.0)
	Department of Social Sciences
	University of Koblenz-Landau
2018-2019	**Survey Statistics**
	Department of Economics
	University of Bamberg
2014-2018	**B.A., Sociology** (1.6)
	Department of Sociology
	University of Mannheim

PUBLICATIONS

Bißantz, S. (2021). *elisr*: Exploratory Likert Scaling in R. R package version 0.2.0. https://CRAN.R-project.org/package=elisr

Wagner, I., Loesche, P. & **Bißantz, S.** (2021). Low-stakes performance testing in Germany by the VERA assessment: analysis of the mode effects between computer-based testing and paper-pencil testing. European Journal of Psychology of Education. 10.1007/s10212021-00532-6

TEACHING EXPERIENCE

2021, 2022 (WS)	Test theory & assessment	(EXERCISE)
2022 (WS)	Data analysis in R	(EXERCISE)
2022, 2023 (SS)	Test theory & asssesment	(SEMINAR)

COMPUTER SKILLS

OPERATING SYSTEMS	Linux, macOS & Windows
LINUX DISTRIBUTIONS	Fedora, openSUSE & Arch
STATISTICAL SOFTWARE	R, Stan, Stata & SPSS
MISCELLANEOUS	LaTeX, Git, Vim & Emacs

Proficiency: Server administrator at our lab "Personality, Psychological Assessment, and Psychological Methods" at the RPTU Kaiserslautern-Landau.

RESEARCH INTERESTS

Metascience What is the effect of scale modifications on inferences, replicability, and effect-size heterogeneity?

Bayesian Data Analysis How to maximize information entropy using Bayesian updating?

Machine Learning What are efficient ways to minimize cross-entropy in prediction tasks?

The LaTeX code to reproduce the curriculum vitae is available at: https://github.com/sbissantz/smip_application/.