

M.SC. JULIAN URBAN

Survey Design & Methodology | GESIS – Leibniz Institute
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[Researchgate](#)

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RESEARCH INTEREST

- Psychological Tests: Psychometry, Continuous Norming
- Propensity Score Matching: MAGMA-Algorithm
- Education: Intelligence, Achievement, Intersectionality
- Personality: Social-Emotional-Skills

EDUCATION

M.Sc. Psychologie, Trier University, Germany

01/10/20 – 05/08/22

- GPA: 1.0
- Thesis: Testing Norms: Comparing Conventional and Continuous Norming Methods for the NFC-Kids

B.Sc. Psychologie, Trier University, Germany

01/10/17 – 05/08/20

- GPA: 1.2
- Thesis: Does the forward testing effect generalize to simple arithmetic Problems like multiplication table testing?

Fürst-Johann-Ludwig Schule, Hadamar, Germany – Abitur

Until 2017

- GPA: 1.5
- Advanced courses: Mathematics, Physics, Music
- School winner of the 10th grade mathematics competition

WORK EXPERIENCES

Research Associate and PhD Candidate, Giftedness Research & Education, Trier University

Since 01/05/23

- Collaborator on the [BIS+](#) project

Research Associate and PhD Candidate, Survey Design & Methodology, GESIS – Leibniz Institute for the Social Sciences

Since 01/09/22

- Collaborator and Product Manager of [ZIS](#)
- Deputy team lead of the team Scale Development and Documentation

Student Assistant at the Department for Giftedness Research and Education, Trier University

14/10/19 – 31/7/22

- Data curation and -analyses
- Co-working on research reports and meta-analyses
- Literature searches

- Working on a Multi-group matching algorithm (MAGMA)

Student Tutor for Test Theory, Trier University

01/04/20 – 31/07/20

- Creating teaching videos for the application of lecture contents in SPSS
- Weekly consultation hours
- Creating Exercises

Student Tutor for Statistics, Trier University

01/11/18 – 31/08/19

- Four courses per week
- Creating exercises
- Creation and implementation of test exams

TEACHING

Workshop on Propensity Score Matching in R

20/02/24– 21/02/24

- Two day Online Workshop in English
- Three Lectures and Three Labs in R
- Individual Consulting to own research questions

Seminar in Test development, University of Mannheim

01/02/23– 31/07/23

- Weekly courses
- Developing and validating short scales
- Correcting and grading student papers

INTERNSHIPS

Research Internship, Survey Design & Methodology, GESIS – Leibniz Institute for the Social Sciences

23/08/21 - 01/10/21

- Documenting two ISSP-scales for ZIS
- Collaborating on a scale translation

Family- and Job Assistance, Palais e.V. Trier

09/09/19 - 11/10/19

- Agency and home visits
- Integration work in schools
- Homework supervision, individual student support, and vocational pedagogical offers

Research Internship, Social Psychology, Trier University

23/07/18 - 24/08/18

- Programming of an experiment with jsPsych (HTML based)
- Implementation and data analyses
- Presentation of the results at the research colloquium

SOCIAL & OTHER ENGAGEMENT

Student Council Psychology, Trier University

01/11/17 – 31/7/2022

- Weekly meetings and office hours
- Leading and participating in several working groups
- Website management
- Student representative of master students

Student Member in the Faculty Council, Trier University

01/02/20 – 31/01/21

- Monthly meetings

Jury Member at the 28. Trierer EmPra-Congress

06/11/20

- Evaluating students' research works regarding theoretical, methodological, and presentational aspects

THIRD-PARTY FUNDINGS

- Literaturüberblick zu sozio-emotionalen und selbstregulatorischen Kompetenzen (SESK) [A literature review on social, emotional, and self-regulatory competencies]. Research project funded by the Bertelsmann Foundation, EUR 24,800 (with Clemens M. Lechner, Beatrice Rammstedt, and Lena Roemer) 12/2022 – 05/2023

REVIEWER ACTIVITY

- Measurement Instruments of the Social Sciences (MISS)

PUBLICATIONS (PEER-REVIEW JOURNALS)

- Urban, J., Scherrer, V., Strobel, A., & Preckel, F. (in press). *Continuous Norming Approaches: A Systematic Review and Real Data Example. Assessment*. <https://doi.org/10.1177/10731911241260545>
- Urban, J., Scherrer, V., Strobel, A., & Preckel, F. (in press). *Normierung von Tests und Frageboegen: Ein systematischer Methodenueberblick fuer deutschsprachige Verfahren*. *Diagnostica*. <https://doi.org/10.1026/0012-1924/a000334>
- Gnäs, J., Urban, J., Feuchter, M. D., & Preckel, F. (2024). Socio-emotional experiences of primary school students: Relations to teachers' underestimation, overestimation, or accurate judgment of their cognitive ability. *Social Psychology of Education*. <https://doi.org/10.1007/s11218-024-09915-1>
- Pastötter, B., Urban, J., Lötzer, J., & Frings, C. (2022). Retrieval Practice Enhances New Learning but does Not Affect Performance in Subsequent Arithmetic Tasks. *Journal of Cognition*, 5(1), 22. <http://doi.org/10.5334/joc.216>

PUBLICATIONS (CODE & SOFTWARE)

- Urban, J., Feuchter, M. D., Scherrer, V., Breit, M., & Preckel, F. (2024). MAGMA.R: MAny-Group MAtching. R package version 1.0.1. <https://cran.r-project.org/web/packages/MAGMA.R/index.html>
- Urban, J. & Bluemke, M. (2024). Function Random Start Values for CFA (lavaan). *GESIS, Köln. Datenfile Version 1.0.0*, <https://doi.org/10.7802/2712>
- Bluemke, M., & Urban, J. (2023). Code/Syntax: Functions IPU & CI.IPU - Index of Proximity to Unidimensionality (lavaan). *Datenfile Version 1.0.0*. <https://doi.org/10.7802/2597>

PUBLICATIONS (SCALE DOCUMENTATIONS)

- Urban, J., Groskurth, K., Schmidt, I. (2023). Organizational Commitment Scale (ISSP). *Zusammenstellung sozialwissenschaftlicher Items und Skalen (ZIS)*. <https://doi.org/10.6102/zis312>

CONGRESS PARTICIPATION (PRESENTATIONS & POSTER)

- Schneider, S. L. & Urban, J. (July 2024). A myriad of options: Validity and comparability of alternative education measures for the mixed-mode ESS [Paper Session]. 5th International ESS Conference, Lisbon, Portugal.
- Urban, J., Scherrer, V., Strobel, A., & Preckel, F. (July 2024). Where are we and Where to go? - A Systematic Review and Real Data Example of Continuous Norming [Invited Symposium Talk]. ITC conference, Granada, Spain.
- Timmerman, M., de Bildt, A., & Urban, J. (July 2024). The GRoNC-Checklist: Guidelines for Reporting on Norm-referenced and Criterion-referenced scores [Invited Symposium Talk]. ITC conference, Granada, Spain.
- Lechner, C. M. & Urban, J. (March 2024). Social Inequality in Adolescents' Social, Emotional, and Behavioral Skills: Main Effects or Intersectionality? [Paper Session]. GEBF, Potsdam, Germany.
- Urban, J., Feuchter, M. D., & Preckel, F. (March 2024). Heating Up! Using the MAGMA Algorithm to Balance out Complex Study Designs in Educational Field Research [Paper Session]. GEBF, Potsdam, Germany.
- Urban, J., Schmidt, I., & Groskurth, K. (2023). Evaluating the quality of the ISSP Occupational Commitment Scale (ISSP-OCC) across countries: Does economy have its price? 10th Conference of the European Research Association, 2023-07-21.
- Ell, T., Urban, J., Repke, L., & Silber, H. (2023). Entwicklung und Validierung einer Kurzskala zu sozialen Offline- und Online-Kontakten während der Covid-19-Pandemie. *Frühjahrstagung der Sektion Soziologische Netzwerkforschung der Deutschen Gesellschaft für Soziologie*, 2023-03-15.
- Feuchter, M., Urban J., & Preckel, F. (2023). Introducing the Many-Group Matching (MAGMA)-Algorithm. AERA, 2023-04-14. <https://aera23-aera.ipostersessions.com/default.aspx?s=E5-CA-51-7B-47-39-55-30-3C-43-8B-B0-B1-45-51-D4>.
- Urban, J., Scherrer, V., Strobel, A., & Preckel, F. (2023). Testing Norms: Comparing Continuous and Conventional Norming Methods for the NFC-KIDS. 10. GEBF Conference, 2023-02-28.