

List of Publications

Articles which have been published or officially accepted by publication outlets with scientific quality assurance

- Köhler, C., Robitzsch, A., & Hartig, J. (in press). A bias corrected RMSD item fit statistic: An evaluation and comparison to alternatives. *Journal of Educational and Behavioral Statistics*.
- Buerger, S., Kroehne, U., Köhler, C., & Goldhammer, F. (in press). What makes the difference? The Impact of Item Properties on Mode Effects in Reading Assessments. *Journal of Social Science Education*.
- Köhler, C., Kuger, S., Naumann, A., & Hartig, J. (2020). Multilevel models for evaluating the effectiveness of teaching: Conceptual and methodological considerations. Angenommen zur Publikation im Beiheft der Zeitschrift für Pädagogik „Unterrichtsqualität – Theoretische und methodische Grundfragen“.
- Naumann, A., Kuger, S., Köhler, C., & Hochweber, J. (2020). Conceptual and Methodological Challenges for Detecting the Effectiveness of Learning and Instruction. *Zeitschrift für Pädagogische Psychologie: Beiheft zum Thema „Unterrichtsqualität – Theoretische und methodische Grundfragen“*.
- Köhler, C., & Hartig, J. (2017). Practical significance of item misfit in educational assessments. *Applied Psychological Measurement, 41*(5), 388-400. doi: 10.1177/0146621617692978
- Köhler, C., Pohl, S., & Carstensen, C. H. (2015). Investigating mechanisms for missing responses in competence tests. *Psychological Test and Assessment Modeling, 57*(4), 499-522.
- Köhler, C., Pohl, S., & Carstensen, C. H. (2015). Taking the missing propensity into account when estimating competence scores – Evaluation of IRT models for non-ignorable omissions. *Educational and Psychological Measurement, 75*(5), 850–874. doi: 10.1177/0013164414561785
- Köhler, C., Pohl, S., & Carstensen, C. H. (2017). Dealing with item nonresponse in large-scale cognitive assessments: The impact of missing data methods on estimated explanatory relationships. *Journal of Educational Measurement, 54*(4), 397–419. doi: 10.1111/jedm.12154

Book Chapters

- Köhler, C., & Hartig, J. (2019). Reliability and validity. In A. Kobayashi (Ed.), *International Encyclopedia of Human Geography, 2e*. Oxford: Elsevier.

Theses (published and unpublished) without peer review

- Köhler, C. (2012). Kann das Rasch-Modell Abweichungen bei der Vorhersage von Psychotherapieverläufen erklären? Unpublished diploma thesis, University of Trier.
- Köhler, C. (2017). *Isn't something missing? Latent variable models accounting for item nonresponse*. Ph.D. thesis, Freie Universität Berlin.
http://www.diss.fu-berlin.de/diss/receive/FUDISS_thesis_000000103203