Curriculum Vitae

Katrin Jansen

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Academic Education

04/2020 - 09/2023 Dr. rer. nat. Psychology - University of Münster

10/2017 - 02/2020 M.Sc. Psychology - University of Münster

08/2015 - 06/2016 Erasmus exchange program - University of Oslo

10/2014 - 09/2020 B.Sc. Mathematics - University of Münster

10/2013 - 05/2017 B. Sc. Psychology - University of Münster

Academic and Work Experience

since 04/2020 Research associate
Chair of Statistics and Psychological Methods, Department of Psychology, University of Münster

04/2019 - 11/2019 Student teaching assistant
Chair of Experimental Psychology, Department of Psychology, University of Münster

03/2019 - 07/2019 Research internship
Institute for Cognitive Neuroscience, Neuropsychology, University of Bochum

11/2016 - 10/2019 Student research & teaching assistant
Chair of Statistics and Methods, Department of Psychology, University of Münster

01/2016 - 04/2016 Research internship
Cognitive Psychology and Neuropsychology, Department of Psychology, University of Oslo

10/2014 - 08/2015 Teaching assistant
Chair of Statistics and Methods, Department of Psychology, University of Münster

Awards and Funding

07/2022 Travel award
awarded at International Meeting of the Psychometric Society (IMPS) 2022 in Bologna

04/2022 Talklet price
awarded at the DAGStat conference 2022 in Hamburg

11/2013 - 03/2020 Scholarship
awarded by the German Academic Scholarship Foundation

Professional Memberships

German Society for Psychology (DGPs): Section Methods and Evaluation

Publications (peer-reviewed)

Sangnawakij, P., Böhning, D., Holling, H., & Jansen, K. (in press). Nonparametric estimation of the risk or rate ratio in rare events meta-analysis with the arm-based and contrast-based approaches. *Statistics in Medicine.*

Jansen, K., & Holling, H. (2023). Rare events meta-analysis using the Bayesian beta-binomial model. *Research Synthesis Methods, 14*(6). doi:10.1002/jrsm.1662

Jansen, K., & Holling, H. (2023). Random-effects meta-analysis models for the odds ratio in the case of rare events under different data-generating models: A simulation study. *Biometrical Journal, 65*(3). doi:10.1002/bimj.202200132

Holling, H., Jansen, K., Böhning, W., Böhning, D., & Martin, S. (2022). Estimation of effect heterogeneity in rare events meta-analysis. *Psychometrika, 87*(3), 1081-1102. doi:10.1007/s11336-021-09835-5

Badenoch, J. B., Rengasamy, E. R., Watson, C., Jansen, K., Chakraborty, S., Sundaram, R. D., ... & Rooney, A. G. (2022). Persistent neuropsychiatric symptoms after COVID-19: a systematic review and meta-analysis. *Brain Communications, 4*(1). doi:10.1093/braincomms/fcab297

Meier, M., Jansen, K., Summers, B. J., Dreier, M. J., Farrell, N. R., & Buhlmann, U. (2022). Using Network Theory for Psychoeducation in Eating Disorders. *Cognitive Therapy and Research, 46*, 133-145. doi:10.1007/s10608-021-10204-w

Rogers, J. P., Watson, C. J., Badenoch, J., Cross, B., Butler, M., Song, J., ..., Jansen, K., ... & Rooney, A. G. (2021). Neurology and neuropsychiatry of COVID-19: a systematic review and meta-analysis of the early literature reveals frequent CNS manifestations and key emerging narratives. *Journal of Neurology, Neurosurgery & Psychiatry, 92*(9), 932-941. doi:10.1136/jnnp-2021-326405

Böhning, D., Martin, S., Sangnawakij, P., Jansen, K., Böhning, W., & Holling, H. (2021). Nonparametric estimation of effect heterogeneity in rare events meta-analysis: Bivariate, discrete mixture model. *Lobachevskii Journal of Mathematics, 42*, 308-317. doi:10.1134/S1995080221020074

Koychev, I.*, Jansen, K.*, Dette, A., Liu, S., & Holling, H. (2021). Blood-based ATN biomarkers of Alzheimer's disease: A meta-analysis. *Journal of Alzheimer's Disease, 79*(1), 177-195. doi:10.3233/JAD-200900

Scharfen, J.*, Jansen, K.*, & Holling, H. (2018). Retest effects in working memory capacity tests: A meta-analysis. *Psychonomic Bulletin & Review, 25*, 2175-2199. doi:10.3758/s13423-018-1461-6

Conference Talks

Jansen, K., & Holling, H. (2023). Using the beta-binomial model for meta-analysis, presented within the Symposium "New Developments in Meta-Analysis" (Jansen & Holling) at the 16th Conference of the Section Methods and Evaluation of the German Psychological Society 2023 (Konstanz)

Holling H., & Jansen, K. (2023). Meta-Analysis of binary data, presented within the Symposium "New Developments in Meta-Analysis" (Jansen & Holling) at the 16th Conference of the Section Methods and Evaluation of the German Psychological Society 2023 (Konstanz)

Westphal, K., Jansen, K., & Holling, H. (2023). Conducting rare-event meta-analysis with the R package 'raremeta', presented within the Symposium "New Developments in Meta-Analysis"

(Jansen & Holling) at the 16th Conference of the Section Methods and Evaluation of the German Psychological Society 2023 (Konstanz)

Jansen, K., & Holling, H. (2023). Nonparametric estimation of heterogeneity in rare events meta-analysis using arm-based and contrast-based approaches, presented at the 10th European Congress of Methodology 2023 (Ghent)

Jansen, K. & Holling, H. (2022). Using nonparametric mixture models to model effect heterogeneity in rare events meta-analysis, presented at the Junior Scientist Meeting of the Section Methods and Evaluation of the German Psychological Society 2022 (Kassel)

Holling, H., & Jansen, K. (2022). Estimating effect heterogeneity in rare events meta-analysis with nonparametric mixture models, presented at the International Meeting of the Psychometric Society (IMPS) 2022 (Bologna)

Jansen, K., & Holling, H. (2021). Comparison of random-effects meta-analysis models for the odds ratio in the case of rare events: A simulation study, presented as an online talklet at the DAGStat 2022 Conference (Hamburg)

Jansen, K., & Holling, H. (2021). Comparison of random-effects meta-analysis models for the odds ratio in the case of rare events: A simulation study, presented at the 15th Conference of the Section Methods and Evaluation of the German Psychological Society 2021 (online)

Jansen, K. & Holling, H. (2021). Comparison of random-effects meta-analysis models for the odds ratio in the case of rare events: A simulation study, presented at the Junior Scientist Meeting of the Section Methods and Evaluation of the German Psychological Society 2021 (online)

Invited Workshops

05/2023 Introduction to Meta-analysis
3-day workshop given at Goethe Research Academy for Early Career Researchers (GRADE), University of Frankfurt

06/2022 Introduction to Meta-analysis
2-day workshop given at Goethe Research Academy for Early Career Researchers (GRADE), University of Frankfurt

Teaching

since 2021	Seminars: Advanced Statistics I & II (Master)
2023	Lecture: Advanced Statistics II - Meta-Analysis (Master)
2022	Seminar: Data-Analysis II (Bachelor)
2014-2019	Tutorials: Descriptive & Inferential Statistics (Bachelor), Data-Analysis I & II (Bachelor), Advanced Statistics (Master), Using PsychoPy in Experimental Psychology (Bachelor)

Münster, 19.11.2023

Katrin Jansen