

MILAN WIEDEMANN

milan.wiedemann@gmail.com ♦ www.milanwiedemann.com

EDUCATION AND QUALIFICATIONS

DPhil in Experimental Psychology

October 2016 - February 2021

University of Oxford, Oxford Centre for Anxiety Disorders and Trauma

Thesis: Processes of change in cognitive therapy for posttraumatic stress disorder

Supervised by Prof. Anke Ehlers and Prof. David M. Clark

MSc in Psychology

August 2013 - September 2015

Technische Universität Braunschweig

BSc in Psychology

September 2010 - August 2013

Technische Universität Braunschweig

University of Groningen

RESEARCH EXPERIENCE

University of Oxford

October 2021 - Present

Data Scientist, The DataLab, Nuffield Department of Primary Care Health Sciences

Oxford, UK

- Developing technical solution to improve healthcare analytics
- Conducting clinical research using the OpenSAFELY platform

Nottinghamshire Healthcare NHS Foundation Trust

October 2020 - September 2021

Data Scientist, Clinical Development Unit

Nottingham, UK

- Evaluating clinical outcomes and service use in routinely collected NHS patient data
- Developing open source tools to access, analyse, and visualise healthcare data using R and SQL

University of Oxford

October 2016 - October 2020

Part-time Research Assistant, Oxford Centre for Anxiety Disorders and Trauma

Oxford, UK

- Creating videos for training clinical psychologists in specialised cognitive behavioural treatments
- Teaching and supervising Research Assistants in filming and editing techniques

University of Oxford

April 2015 - August 2016

Research Assistant, Oxford Centre for Anxiety Disorders and Trauma

Oxford, UK

- Production of patient testimonials and educational videos
- Animation of educational illustrations for a newly developed internet program for treating PTSD

Technische Universität Braunschweig

September 2012 - March 2015

Part-time Research Assistant, Institute of Clinical Psychology

Braunschweig, GER

- Conducting clinical interviews with adolescents for a longitudinal study
- Setting up and managing large databases for national and international research teams

TEACHING EXPERIENCE

University of Oxford

Hilary Term 2020

Tutor (8 weeks), Department of Experimental Psychology

Oxford, UK

- Module: Psychological Disorders and Individual Differences

University of Oxford
Demonstrator (8 weeks), Department of Experimental Psychology

Hilary Term 2018
Oxford, UK

- Module: Psychological Disorders and Individual Differences

Technische Universität Braunschweig
Teaching Assistant, Institute of Clinical Psychology

April 2014 - March 2015
Braunschweig, GER

- Module: Practical Course of Psychological Diagnostics
- Module: Fundamentals of Psychological Diagnostics

Technische Universität Braunschweig
Teaching Assistant, Institute of Methodology and Biopsychology

September 2012 - January 2014
Braunschweig, GER

- Module: Laboratory Experience and Analysis with Statistical Software

TECHNICAL STRENGTHS & OTHER SKILLS

Statistics & Data science	R, Python, SQL, Git, Continuous integration
Scientific writing	R Markdown, Zotero, LaTeX, BibTeX, Microsoft Office
Video & Audio editing	Final Cut X, iZotope RX
Languages	German (native), English (fluent)

PUBLICATIONS

Peer-reviewed

1. **Wiedemann, M.**, Stott, R., Nickless, A., Beierl, E. T., Wild, J., Warnock-Parkes, E., Grey, N., Clark, D. M. & Ehlers, A. Cognitive processes associated with sudden gains in cognitive therapy for posttraumatic stress disorder in routine care. *Journal of Consulting and Clinical Psychology*. doi:10.1037/ccp0000488 (2020).
2. **Wiedemann, M.**, Thew, G. R., Stott, R. & Ehlers, A. suddengains: An R package to identify sudden gains in longitudinal data. *PLOS ONE*. doi:10.1371/journal.pone.0230276 (2020).
3. Beierl, E. T., Murray, H., **Wiedemann, M.**, Warnock-Parkes, E., Wild, J., Stott, R., Grey, N., Clark, D. M. & Ehlers, A. The relationship between working alliance and symptom improvement in cognitive therapy for posttraumatic stress disorder. *Frontiers in Psychiatry* **12**. doi:10.3389/fpsyt.2021.602648 (2021).
4. Kosir, U., Loades, M. E., Wild, J., **Wiedemann, M.**, Krajnc, A., Roškar, S. & Bowes, L. What was the impact of COVID-19 on Adolescent and Young Adult cancer care and their wellbeing? Results from a cross-sectional online survey conducted in the early stages of the pandemic. *Cancer*. doi:10.1002/cncr.33098 (2020).
5. Kosir, U., **Wiedemann, M.**, Wild, J. & Bowes, L. Psychiatric disorders in adolescent cancer survivors: A systematic review of prevalence and predictors. *Cancer Reports*, e1168. doi:10.1002/cnr2.1168 (2019).
6. Kosir, U., **Wiedemann, M.**, Wild, J. & Bowes, L. Cognitive Mechanisms in Adolescent and Young Adult Cancer Patients and Survivors: Feasibility and Preliminary Insights from the Cognitions and Affect in Cancer Resiliency Study. *Journal of Adolescent and Young Adult Oncology*. doi:10.1089/jayao.2019.0127 (2019).
7. Wild, J., Warnock-Parkes, E., Grey, N., Stott, R., **Wiedemann, M.**, Canvin, L., Rankin, H., Shepherd, E., Forkert, A., Clark, D. M. & Ehlers, A. Internet-delivered cognitive therapy for PTSD: A development pilot series. *European Journal of Psychotraumatology* **7**. doi:10.3402/ejpt.v7.31019 (2016).

Preprints

1. **Wiedemann, M.**, Thew, G. R., Urska, K. & Ehlers, A. *lscm: An R package and tutorial on latent change score modelling* (PsyArXiv, 2021). doi:10.31234/osf.io/atjpu.
2. Lorenzo-Luaces, L., **Wiedemann, M.**, Huibers, M. J. H. & Lemmens, L. H. J. M. A permutation test to probe the statistical significance of sudden gain frequency: An application to patterns of change in cognitive and interpersonal therapy for depression. *PsyArXiv*. doi:10.31234/osf.io/jbzw3 (2020).

OPEN SOURCE SOFTWARE CONTRIBUTIONS

R Packages

1. *lscm: An R package and tutorial on latent change score modelling* (2021). <https://milanwiedemann.github.io/lscm/>.
2. *suddengains: An R package to identify sudden gains in longitudinal data* (2021). <https://milanwiedemann.github.io/suddengains>.

PRESENTATIONS

Conference presentations

1. **Wiedemann, M.**, Thew, G. R., Stott, R. & Ehlers, A. Automating the identification of sudden gains within psychological therapy datasets: A new R package. *World Congress of Behavioural and Cognitive Therapies, Berlin, Germany* (2019).
2. **Wiedemann, M.**, Stott, R., Nickless, A., Beierl, E. T., Wild, J., Warnock-Parkes, E., Grey, N., Clark, D. M. & Ehlers, A. Cognitive processes of sudden gains in cognitive therapy for PTSD in routine clinical care. *World Congress of Behavioural and Cognitive Therapies, Berlin, Germany* (2019).
3. **Wiedemann, M.**, Janecka, M., Wild, J., Warnock-Parkes, E., Stott, R., Grey, N., Clark, D. M. & Ehlers, A. A test of theory-derived mediators of clinical improvement in cognitive therapy for PTSD. *World Congress of Behavioural and Cognitive Therapies, Berlin, Germany* (2019).
4. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Predictors and processes of sudden gains in cognitive therapy for PTSD. *European Association for Behavioural and Cognitive Therapies, Ljubljana, Slovenia* (2017).

Talks

1. Soteriades, A. & **Wiedemann, M.** Extracting and deploying intelligence from text-based patient experience data - An open source project using Python and R. *Bristol Data Science Seminar Series, Jean Golding Institute, UK* (2021).
2. **Wiedemann, M.** My journey from error messages to R Packages - Building tools to improve reproducibility and productivity in clinical psychology. *R User Group Oxford, UK* (2020).
3. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Processes of change in cognitive therapy for PTSD - Taking a closer look at how therapy works. *University of Pennsylvania, DeRubeis Lab* (2018).
4. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Processes of change in cognitive therapy for PTSD - Sudden symptom improvements during therapy. *University of Groningen, WEIRD Seminar Series* (2018).
5. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Sudden gains in cognitive therapy for PTSD - Can large and stable improvements between sessions help us understand how therapy works? *University of Exeter, Mood Disorder Centre, The Think-Tank Seminar* (2018).

6. **Wiedemann, M.** Digital methods in internet-delivered cognitive therapy for PTSD: Results from a pilot study. *Local Health Authority Berlin Pankow* (2016).
7. **Wiedemann, M.** Mental health care in England - Overview of the improving access to psychological therapies (IAPT) programme. *Local Health Authority Berlin Pankow* (2015).