

JULIAN KOHNE

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Experience

Scientific Staff Member Oct 2022 – Present
GESIS - Leibniz Institute for the Social Sciences Cologne, Germany

- Establishment of GESIS AppKit as a service
- Collection & analysis of mobile survey and smartphone usage data
- Building and maintaining an infrastructure for WhatsApp data donations

Scientific Advisor for Digital Behavioral Data Oct 2017 – Oct 2022
GESIS - Leibniz Institute for the Social Sciences Cologne, Germany

- Successful coordination to acquire a competitive 4.6 Mio €/year special purpose grant of the Leibniz Foundation
- Conceptualization of new services and coordination of GESIS' strategy for digital behavioral data
- The position includes a component for research in data and web science

Internship Computational Social Science Apr – Jul 2017
GESIS - Leibniz Institute for the Social Sciences Cologne, Germany

- Project: Learning Curves on Wikipedia
- Identification of learning effects in Wikipedia editors across time
- Analysis of text data across 1.3 Million Wikipedia revisions in R

Scientific Traineeship Oct 2015 – Dec 2016
Enexis Netbeheer/University of Groningen Groningen, The Netherlands

- Project "Buurkracht", a quantitative long-term study about energy conservation
 - Analysis of changes in energy conservation behavior and related factors
 - Identification of demographic and psychological predictors for joining the initiative
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Education

Ph.D Psychology Ulm, DE
Ulm University Oct. 2020 – present

- GPA: ∅ –
- Thesis: Quantifying Interpersonal Relationships using Chat Logs, –

M.Sc Research in the Behavioral and Social Sciences Groningen, NL
University of Groningen Sep. 2014 – Dec. 2016

- Specialization: Social & Organizational Psychology
- GPA: ∅ 8.3
- Thesis: Gender Discrimination in the Online Housing Market, 8.5

B.Sc. Psychology Groningen, NL
University of Groningen Sep. 2010 – Sep. 2014

- GPA: ∅ 7.6
 - Thesis: Comparing the Effects of Online versus Offline Ostracism, 7.0
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Skills

Languages: German (Native), English (Excellent), Dutch (Medium)

Programming Languages: R (Advanced), Python (Basic)

Libraries: shiny, quanteda, ggplot2, igraph

Developer Tools: Git, Jupyter Notebooks, Shiny, \LaTeX

Hobbies: Roadbiking, Cooking, Guitar

RESEARCH

Articles and Conference Proceedings

- [1] Julian Kohne, Bernhard Miller, Markus Strohmaier, Claudia Wagner, and Christof Wolf. Unterstützung bei der Analyse digitaler Gesellschaften. Soziologie, pages 440–447, 2021.
- [2] Julian Kohne and Christian Montag. ChatDashboard: A Framework to collect, link, and process donated WhatsApp Chat Log Data. Behavior Research Methods, 56(4):3658–3684, 2024.
- [3] Mattia Samory, Indira Sen, Julian Kohne, Fabian Flöck, and Claudia Wagner. Call me sexist, but...: Revisiting Sexism Detection Using Psychological Scales and Adversarial Samples. Proceedings of the Fifteenth International Conference on Web and Social Media, pages 573–584, 2021.

Editorials

- [4] Josephine, B. Schmitt and Kohne, Julian and Breuer, Johannes. EASY Social Science, Digitale Gesellschaft(en): Neue Forschungsansätze zur digitalen Transformation. GESIS - Leibniz institute for the Social Sciences., 68 edition, 2023.
- [5] Kohne, Julian and Josephine, B. Schmitt and Breuer, Johannes. EASY Social Science, Neue Daten und Methoden in der Sozialforschung: Digital & Transformativ. GESIS - Leibniz institute for the Social Sciences., 69 edition, 2023.

Contributions to Edited Volumes

- [6] Johannes Breuer, Julian Kohne, and M Rohangis Mohseni. Using Youtube Data for Social Science Research. Research Handbook on Digital Sociology, page 258, 2023.
- [7] Julian Kohne, Jon D. Elhai, and Christian Montag. A Practical Guide to WhatsApp Data in Social Science Research. In Digital Phenotyping and Mobile Sensing, pages 171–205. Springer, 2022.
- [8] Julian Kohne, Natalie Gallagher, Zeynep Melis Kirgil, Rocco Paolillo, Lars Padmos, and Fariba Karimi. The Role of Network Structure and Initial Group Norm Distributions in Norm Conflict. In Computational Conflict Research, pages 113–140. Springer, Cham, 2020.
- [9] Julian Kohne, Josephine B. Schmitt, and Johannes Breuer. Digitalisierungsforschung: Ein Einblick in die Bandbreite der Forschung zu und mit digitalen Daten. easy_social_sciences, (69):3–9, 2023.
- [10] Josephine B Schmitt, Julian Kohne, and Johannes Breuer. Digitalisierungsforschung: Wie wir die digitale Transformation wissenschaftlich erfassen können. easy_social_sciences, (68):4–11, 2023.

Conference Contributions

- [11] Julian Kohne. Infrastructural Expansion at GESIS with a Focus on Digital Behavioural Data: What Kinds of Services do the Social Sciences need?, February 2018. CAIS Expert Symposium: Integrating and Analyzing Data from Surveys and Social Media, Center for Advanced Internet Studies (CAIS) GmbH, Bochum.

- [12] Julian Kohne. The Feasibility of WhatsApp Chat Log Donations: Willingness vs. actual Donations in an opt-in Sample., May 2024. Data Donation Symposium, University of Amsterdam.
- [13] Julian Kohne. WhatsR – An R-package for processing and analyzing WhatsApp chat logs , March 2024. 69. Jahrestagung der Deutschen Gesellschaft für Publizistik- und Kommunikationswissenschaft (DGPK), Universität Erfurt.
- [14] Julian Kohne, Nathalie Gallagher, Kirgis Melis Z., Lars Padmos, Rocco Paolilo, and Fariba Karimi. Clashing Norms - The Role of Network structure in Normative Group Conflict. <http://dx.doi.org/10.5281/zenodo.3183121>, September 2019. European Symposium on Societal Challenges in Computational Social Science, Zurich.
- [15] Julian Kohne and Christian Montag. ChatDashboard - A Framework to collect, link and process donated WhatsApp Chat Log Data, July 2023. European Survey Research Association Conference 2023 (ESRA).
- [16] Julian Kohne and Christian Montag. Exploring the Viability of Data Donations for WhatsApp Chat Logs. <https://www.gor.de/gor-24/gor-24-conference-proceedings-now-online.html>, February 2024. GOR 24: General Online Research Conference, Rheinische Fachhochschule Köln, Köln.
- [17] Julian Kohne and Christof Wolf. Infrastructure for Digital Behavioral Data in the Social Sciences, October 2018. BigSurv2018: Big Data Meets Survey Science, Research and Expertise Centre for Survey Methodology (RECSM), Barcelona.
- [18] Haiko Lietz, Claudia Wagner, and Julian Kohne. Zur Rolle der Netzwerkforschung in der Computational Social Science, March 2018. Tagung der Sektion Soziologische Netzwerkforschung der Deutschen Gesellschaft für Soziologie, Oldenburg.
- [19] Rohangis Mohseni, Johannes Breuer, and Julian Kohne. Methods and Tools for the Automatic Sampling and Analysis of YouTube Comments. https://www.gor.de/gor19/index.php?page=downloadPaper&filename=Mohseni-Methods_and_Tools_for_the_Automatic_Sampling_and_Analysis-216.pptx&form_id=216&form_version=final, July 2019. GOR 19: General Online Research Conference, TH Köln, Köln.
- [20] Otto, Lukas and Wieland, Mareike and Kohne, Julian and Sparhuber, Marc. Wie oft ist zu oft? Vergleich von retrospektiver und in-situ Mediennutzungsmessung und Zusammenhänge mit der Motivation von Teilnehmenden., September 2024. Gemeinsame Fachgruppentagung der Deutschen Gesellschaft für Publizistik und Kommunikationswissenschaften - Methoden DigiKomm 2024.
- [21] Stöckli, Sabrina and Ertugrul, Uysal and Otto, Lukas and Wieland, Mareike and Kohne, Julian. Application of the Experience Sampling Method: Introduction of an App-based Toolbox and Research Agenda for Consumer Research., September 2024. Association for Consumer Research Conference.

Teaching

- [22] Julian Kohne. Investigating Social Relationships with WhatsApp Data, May 2024. Digital Phenotyping Seminar, Department of Molecular Psychology, Ulm University, Ulm.
- [23] Julian Kohne, Johannes Breuer, and Rohangis Mohseni. Automatic Sampling and Analysis of YouTube Comments: GESIS Workshop.

<https://github.com/jobreu/youtube-workshop-gegis-2020>, February 2020. GESIS - Leibniz-Institut für Sozialwissenschaften, Köln.

- [24] Julian Kohne, Johannes Breuer, and Rohangis Mohseni. Automatic Sampling and Analysis of YouTube Comments: GESIS Workshop. <https://github.com/jobreu/youtube-workshop-gegis-2021>, February 2021. GESIS - Leibniz-Institut für Sozialwissenschaften, online.
- [25] Julian Kohne, Johannes Breuer, and Rohangis Mohseni. Automatic Sampling and Analysis of YouTube Comments: GESIS Workshop. <https://github.com/jobreu/youtube-workshop-gegis-2022>, February 2022. GESIS - Leibniz-Institut für Sozialwissenschaften, Köln.
- [26] Julian Kohne and Fariba Karimi. The Role of Homophily in the Spreading of Social Norms: BIGSSS Summer Schools in Computational Social Science. <https://github.com/gesiscss/Introduction-to-Social-Network-Analysis>, June 2018. Bremen International Graduate School of Social Sciences (BIGSSS), Bremen.

Data & Software

- [27] Julian Kohne. Simulating Normative Conflict. <https://github.com/JuKo007/SimulatingNormativeConflict>, August 2019. doi: <http://dx.doi.org/10.5281/zenodo.3183121>.
- [28] Julian Kohne. ChatDashboard: An R-shiny webapp for transparent WhatsApp chat log donations, April 2023. doi: <https://doi.org/10.5281/zenodo.7875860>.
- [29] Julian Kohne. DashboardTester: Scripts for simulating and analyzing Participants on ChatDashboard, April 2023. doi: <https://doi.org/10.5281/zenodo.7875924>.
- [30] Julian Kohne. WhatsR - An R-package for parsing, anonymizing and visualizing exported WhatsApp chat logs, April 2023. doi: <https://doi.org/10.5281/zenodo.7875622>.
- [31] Julian Kohne. themegesis: Internal R-package for applying the GESIS CI style to ggplot2 objects, 2024. R package version 0.1.0.
- [32] Julian Kohne and Johannes Breuer. tubecleanR: Parsing and Preprocessing YouTube Comment Data, 2024. R package version 0.1.0.
- [33] Julian Kohne, Johannes Breuer, and Rohangis Mohseni. Automatic Sampling and Analysis of YouTube Comments [R Script]. <https://github.com/gesiscss/YouTubeComments>, September 2018. doi: <http://dx.doi.org/10.17605/OSF.IO/HQSXE>.
- [34] Julian Kohne and Fariba Karimi. Introduction to Social Network Analysis in R: Scripts for the BIGSSS Summer School in Computational Social Science. <https://github.com/gesiscss/Introduction-to-Social-Network-Analysis>, June 2018.

Posters

- [35] Anupama Aggarwal, Claudia Wagner, Ali Aghelmaki, and Julian Kohne. Generating a Corpus of Sexist Content through Gamification and Automatic Detection of Sexism, June 2018. 5th International Conference on Computational Social Science (IC2S2).

- [36] Julian Kohne, David Grüning, Mareike Wieland, Marc Sparhuber, and Lukas Otto. Beyond Screentime? The Interplay of Problematic Smartphone Use Perceptions and Actual Smartphone Use, July 2024. 11th International Conference on Computational Social Science (IC2S2).
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Reviews

- [37] Julian Kohne. International Conference on Web and Social Media Data: 1 Review, February 2020.
- [38] Julian Kohne. Computational Communication Research: 1 Review, August 2023.
- [39] Julian Kohne. International Communication Association Conference 2025: 3 Reviews, November 2024.
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Supervision

- [40] Bachelor Thesis Supervision. Who donates Communication Data? How Personality and Demographic Variables influence the Willingness to donate WhatsApp Chatlog Data, July 2022. University of Ulm Department of Molecular Psychology.
- [41] Bachelor Thesis Supervision. Who donates WhatsApp Communication Data? The Influence of Closeness and Attachment Style on WhatsApp Data Donations, July 2022. University of Ulm Department of Molecular Psychology.
- [42] Bachelor Thesis Supervision. Unterschiede im digitalen Kommunikationsverhalten zwischen romantischen und freundschaftlichen Beziehungen, September 2023. University of Ulm Department of Molecular Psychology.
- [43] Bachelor Thesis Supervision. Online Kommunikationsmuster in engen vs. distanten Beziehungen, June 2024. University of Ulm Department of Molecular Psychology.
- [44] Bachelor Thesis Supervision. Unterschiede zwischen homosozialen und heterosozialen Gruppen im WhatsApp Chatverhalten, September 2024. University of Ulm Department of Molecular Psychology.
- [45] Research Internship Supervision. Structural Topic Modelling in Reddit Posts: r/relationships & r/relationshipadvice, May 2023. GESIS Department of Computational Social Science.
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Organized Events

- [46] Mathieu Génois, Katrin Weller, Julian Kohne, Claudia Wagner, and Markus Strohmaier. Workshop: Addressing Big Societal Challenges with Digital Behavioral Data. <https://www.gesis.org/forschung/tagungen-und-konferenzen/veranstaltungsarchiv/konferenzen/addressing-big-societal-challenges-with-digital-behavioral-data.>, November 2017. The 1st European Symposium on Societal Challenges in Computational Social Science, 2017: Inequality and Imbalance, European Symposium Series on Societal Challenges in Computational Social Science.
- [47] Mareike Wieland, Johannes Breuer, Julian Kohne, Lukas Otto, Julian Dehne, and Danica Radovanović. Workshop: Lasting Open Science Contributions: How Can We Sustain Research Software Together? <https://www.conftool.net/fachgruppentagung-digikomm-methoden-2024/index.php?>

page=browseSessions&form_session=27, September 2024. Gemeinsame Fachgruppentagung der Deutschen Gesellschaft für Publizistik und Kommunikationswissenschaften - Methoden DigiKomm 2024.

Membership in Organizations

- [48] Board Member. Advisory Board Member for the CodeInspector Project, November 2023. GESIS Department of Knowledge Technologies for the Social Sciences.
 - [49] Student Member. Deutsche Gesellschaft für Psychologie, July 2022. Fachgruppe Medienpsychologie, Fachgruppe Sozialpsychologie.
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Other

- [50] Annika Deubel, Johannes Breuer, Julian Kohne, and Rohangis Mohseni. Overview of Working with YouTube Data, May 2024. GESIS Guides to Digital Behavioral Data, #12. Cologne: GESIS – Leibniz Institute for the Social Sciences.
- [51] Julian Kohne and Fariba Karimi. Introduction to Social Network Analysis in R: Scripts for the BIGSSS Summer School in Computational Social Science. <https://github.com/gesiscss/Introduction-to-Social-Network-Analysis>, June 2018.
- [52] Julian Kohne and Christian Montag. ChatDashboard - A Framework to collect, link and process donated WhatsApp Chat Log Data, August 2023. Invited Presentation - "Whose data is it anyway? Ethical, practical, and methodological challenges of data donation in messenger groups research." ECREA PolCom Preconference Workshop. Weizenbaum Institute for the Networked Society, Berlin.
- [53] Felix Soldner, Bacaksizlar Turbic. N. Gizem, Pouria Mirelmi, and Julian Kohne. How to collect web data via APIs, August 2024. GESIS Guides to Digital Behavioral Data, #9. Cologne: GESIS – Leibniz Institute for the Social Sciences.
- [54] Mareike Wieland, Lara Simon, Julian Kohne, and Lukas Otto-Rahnke. GESIS AppKit - Documentation & User Manual, 2024. https://gesiscss.github.io/AppKit_Documentation/.