

Frauke Kreuter

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Interests Privacy; uncovering biases in data and measurements; unlocking administrative data for research; social data science; creating an information infrastructure for society; connecting people, institutions and countries

Education

2001-2002 **Postdoc** Department of Statistics, University of California, Los Angeles
 1997-2001 **Dr. rer. soc. (Ph.D.)** (*summa cum laude*) at the University of Konstanz; Social Science Research Methods; Survey Methodology
 1990-1996 **Dipl. Soz. (Bachelor & Masters in Sociology)** (Major in Methods for Empirical Social Science Research; Minor in Political Economics, Social Psychology and Philosophy of Science) at the University of Mannheim

Academic Experience

2014-present **Professor of Survey Methodology (Director from 2016-2021)** *Joint Program in Survey Methodology (JPSM), University of Maryland, College Park*; **since 2020 Co-Director** *University of Maryland Center for Social Data Science*; Faculty Associate *Maryland Population Research Center*
 2020-present **Chair of Statistics and Data Science for the Social Sciences and Humanities** *Department of Statistics, Ludwig-Maximilians-Universität München, Germany*
 since 2014 **Adjunct Research Professor**, *Institute for Social Research, University of Michigan, Ann Arbor*
 2010-2021 **Head of Statistical Methods Research Department** at the *Institute for Employment Research* (Government Agency), Nuremberg, Germany
 2019 **Visiting Scholar** Simons Institute for the Theory of Computing, Semester on Privacy, University of California Berkeley
 2018-2019 **Visiting Scholar** Stanford University, Palo Alto
 2014-2020 **Professor Methods and Statistics, University of Mannheim, Germany**; **Co-Director Mannheim Center for Data Science** (*ongoing*)
 2010-2014 **Professor** *Department of Statistics at the Ludwig-Maximilians-Universität München, Germany*; Research professor appointment sponsored by the Institute for Employment Research (IAB)
 2010-2014 **Associate Professor** *JPSM, University of Maryland, College Park*
 2004-2010 **Assistant Professor** *JPSM, University of Maryland, College Park*
 2002-2004 **Adjunct Assistant Professor** *Statistics, University of California, L.A.*
 2001-2004 **‘Wissenschaftliche Assistentin’** (C1) *University of Konstanz, Germany* (on leave 2002-2004)

Entrepreneurial Activities

2017 **Co-Founder** Coleridge Initiative. Our goal is to accelerate data-driven research and policy around human beings and their interactions for program management, policy development, and scholarly purposes by enabling efficient, effective, and secure access to sensitive data about society and the economy. coleridgeinitiative.org
 2016 **Founder** International Program for Survey and Data Science. IPSDS was developed in response to the increasing demand from researchers and practitioners for the appropriate methods and right tools to face these changes. We offer a multidisciplinary curriculum, world-class faculty, and a web-based learning environment that allows working professionals to take courses from anywhere in the world. survey-data-science.net
 2016 **Co-Founder** Podcast (in German) Dig Deep. digdeep.de

Other Engagements

- 2018 - 2020 **Visiting Researcher at Facebook** contracted via Pro Unlimited, Menlo Park, U.S.A.
- 2009 **Visiting Researcher** GESIS, Mannheim, Germany
- 2006-2007 **Statistical Consultant** Millennium Challenge Coop., Washington D.C.
- 2004 **Visiting Researcher** Max-Planck-Institute for Human Development, Berlin, Germany
- 2003 **Visiting Researcher** Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor
- 1994 **Research Fellow** King Monkuts' Institute of Technology North Bangkok (KMITNB), Institute for Technical Education Development (ITED), Bangkok Thailand

Advisory Functions

- 2021-present Inter-Secretariat Working Group on Household Surveys, UN Statistics Division
- 2021-present Technical Advisory Committee, U.S. Bureau of Labor Statistics
- 2020-present Scientific Advisory Board, Simons Foundations TOC4fairness Collaboration, Berkeley
- 2019-present Understanding America Study (UAS) Data Monitoring Committee (DMC)
- 2019-present Member American Statistical Association Privacy Committee
- 2019-present Board Member, Coleridge Initiative
- 2017-present Advisory Board, Survey Research Methods Journal
- 2022-2023 SynoSys Search Committee, University of Dresden
- 2021-2022 NLSY Needs Assessment Oversight Committee, U.S. Bureau of Labor Statistics
- 2019-2022 Scientific Advisory Board, DIW, Berlin, Germany
- 2015-2020 Board of Trustees, GESIS, Germany
- 2015-2020 Scientific Advisory Board of Statistic Canada
- 2010-2020 Scientific Advisory Board of Statistic Sweden
- 2014-2019 Chair (2017-2019) American Statistical Association Energy Committee
- 2014-2017 Board of Overseers General Social Survey
- 2012-2015 Technical Advisory Committee, U.S. Bureau of Labor Statistics
- 2012-2015 Advisory Board Measurement and Experimentation in the Social Sciences, LISS Panel, Netherlands

Editorial Activities

- 2020-ongoing *EPJ Data Science*: Member of editorial board
- 2019-ongoing *Harvard Data Science Review*: Member of editorial board, (Associate editor (2019-2021))
- 2017-2021 *Public Opinion Quarterly*: Member of editorial board
- 2014-2017 *Journal of Statistical Software*: Member of editorial board
- 2014-2016 *American Sociological Review*: Member of editorial board
- since 2012 *Sociological Methods and Research*: Member of editorial board
- 2011-2014 *Journal of the Royal Statistical Society - A*: Member of editorial panel
- since 2008 *Stata Journal*: Associate editor
- 2006-2013 *Journal of Official Statistics*: Associate editor
- 2015-2017 *Survey Research Methods*: Associate editor
- since 2017 *Methoden Daten Analysen*, GESIS, Mannheim, Germany

Selected Professional Experiences

- 2021-present ASA Committee on Fellows; Chair 2022
- 2019-2021 National Academy of Science, Committee on National Statistics, Panel on Transparency and Reproducibility of Federal Statistics for the National Center for Science and Engineering Statistics
- 2019 Co-Organizer: Privacy Attitude Measurement Workshop, Stanford University
- 2019 Co-Organizer: Interviewer Workshop; University of Nebraska, Lincoln
- 2018; 2019 Stanford Women in Data Science Initiative, Ambassador to Mannheim, Germany
- 2017-2018 National Survey of Childrens Exposure to Violence (NatSCEV) redesign expert panel member; Bureau of Justice Statistics
- 2017-2018 Member of the National Survey of Fishing, Hunting, and Wildlife-Associated Recreation Evaluation Team
- 2016-2017 Washington Statistics Society - Chair of the Morris Hansen Lecture Committee
- 2017 Organizing Committee for the NSF funded Workshop on Interviewing Techniques, Nuremberg, Germany
- 2016-2017 Organizing committee for the *Total Survey Error Workshop*, Nuremberg 2017
- 2017 AAPOR Award Committee, American Association for Public Opinion Research
- 2015 - 2020 Organizing committee of the ASA DataFest and organizer of DataFest DC (2015, 2016, 2017) and DataFest Germany (2015, 2016, 2017)
- 2015-2017 National Academy of Science, Committee on National Statistics, Panel on Improving Federal Statistics for Policy and Social Science Research Using Multiple Data Sources and State-of-the-Art Estimation Methods, Chair R. Groves
- 2015 Arbeitsgruppe Zensus, RatSWD, Germany
- 2015-2016 National Crime and Victimization Survey Redesign Panel, U.S. Bureau of Justice Statistics
- 2014-2015 Co-chair Task Force on Big Data for the American Association of Public Opinion Research
- 2014-2015 Standards Chair for the American Association of Public Opinion Research; 2013-2014 Standards Chair elect
- 2011-2014 Elected board member of the European Survey Research Association
- 2012-2013 Conference Chair for the Survey Research Methods Section of the American Statistical Association; 2011-2012 conference chair elect
- 2009-2009 National Expert Advisor on Nonresponse and Nonresponse Bias to the Programme for the International Assessment of Adult Competencies (PIAAC)
- 2011-2012 Chair of the IAB graduate school program
- 2011-2012 Organizing committee for the *Hard to Reach*, Conference, New Orleans 2012
- 2010-2012 Book award committee of the American Associate for Public Opinion Research
- 2011 Host and organizer of the *Responsive Design Workshop* at the IAB, Nürnberg
- 2010 Member of the Survey Costs Task Force on the Consumer Expenditure Surveys with the U.S. Census Bureau
- 2009 Member of the Gemini Project Expert Panel to consult on the redesign of the Consumer Expenditure Survey with the U.S. Bureau of Labor Statistics
- 2009 Member of the Scientific Committee for Stata Conference DC, 2009
- 2009 Organizer and co-chair for the session on *Analysis and Evaluation of Survey Paradata* at the *2nd European Survey Research Association* conference, Warsaw, Poland
- 2009 Member of the organizing committee for the *International Total Survey Error Workshop*, Taelberg, Sweden

- 2008 Member of the NCES Task Force for Nonresponse Bias Analysis; National Center for Educational Statistics and National Institute for Statistical Science
- 2007 Organizer and co-chair for the session on *Paradata* at the *2nd European Survey Research Association* conference, Prague, Czech Republic
- 2007 Discussant and Moderator for the Workshop on Nonresponse Bias in Household Surveys, DC AAPOR
- 2006 Program chair for the special interest session on *Paradata* at the *International Workshop on Household Nonresponse*, Omaha, Nebraska

Contracts and Grants

- 2023-2026 *Research Award BMBF KODAQS*
- 2023-2026 *Research Award DFG* Statistical modeling using mouse movements to model measurement error and improve data quality in web surveys. Co-PI S. Greven (HU Berlin), own share \$490,000 (LMU)
- 2021-2026 *Research Award German Science Foundation (DFG)* NFDI for Business, Economic and Related Data. PI F. Stahl, Co-PIs B. Bischl, M. Fischer, S. Gehrlein, M. Heitmann, G. Kauermann, F. Kreuter, K. Tochtermann, C. Wolf (Uni Mannheim, LMU, Uni Hamburg, Uni Koeln, GESIS) own share \$1.2M (LMU)
- 2022-2024 *Research Award German Science Foundation (DFG)* New Methods for Job and Occupation Classification with M. Schierholz (IAB) own share \$262,081 (LMU)
- 2021-2022 *Research Award* The Covid-19 Pandemic and Data Sharing for the Public Good: Attitudinal, Ethical, and Legal Approaches to Privacy During the Pandemic and Beyond, VW-Foundation, with T. Fetzer (U. Mannheim) in collaboration with H. Nissenbaum (Cornell Tech) \$120,000
- 2021-2023 *Research Award* Learning from Privacy Stakeholders, Meta Co-PIs Jessica Vitak (UMD), Katie Shilton (UMD) \$900,000
- 2020-2024 *Research Award* Consequences of Artificial Intelligence for Urban Societies (CAIUS), VW-Foundation, with K. Eckhart (U. Stuttgart), H. Stuckenschmidt (U. Mannheim), R. Bach (U. Mannheim), C. Kern (U. Mannheim) \$1.6M own share \$386,343
- 2020-2025 *Collaborative Agreement* Towards an End-to-End Approach to Formal Privacy for Sample Surveys; U.S. Census Bureau PI M. Gaboardi (Boston University) own share \$789,513
- 2020-2023 *Research Award* FairADM, \$256,416 with R. Bach (University of Mannheim) and C. Kern (University of Mannheim); BW-Foundation
- 2020-2021 *Starting Grant*: AI-Lab Rhein Neckar, \$116,536, with H. Stuckenschmidt (University of Mannheim) and Boris Schmidt (Metropolregion Rhein Neckar)
- 2020-2021 *Research Award*: NSF RAPID: Evaluating the Impact of COVID-19 on Labor Market, Social, and Mental Health Outcomes; \$200,000 with D. Bennet (USC), Bruine De Bruin W (USC), Stuart E (JHU), Thrul J (JHU)
- 2019-2020 Grant Integrating Disclosure Avoidance Requirements with Survey Sample Design Requirements, U.S. Census Bureau; \$49,969
- 2019-2020 Research Award Consequences of Artificial Intelligence for Urban Societies (CAIUS), VW-Stiftung, \$154,210 with H. Stuckenschmidt (University of Mannheim) and Kai Eckert (Stuttgart)
- 2019-2020 Cooperative Agreement Linked Dataset and Virtual Research Data Center, USDA-National Agricultural Statistics Service; \$653,490
- 2018-2019 *Research Award - BERD* National Baden Wuerttemberg Economic Research Data Center; \$1.2 Million, PIs S. Gehrlein, F. Stahl, F. Kreuter, J. Kolbitsch, G. Licht (Universität Mannheim)

- 2018-2019 *Cooperative Agreement* National Center for Education Statistics; \$667,682, PI F. Kreuter (University of Maryland)
- 2019 *Grant* Sloan Foundation; Privacy Workshop, \$1,950, PI F. Kreuter (University of Maryland)
- 2018-2020 *Research Award - Open University* German Federal Ministry of Education and Research. International Program in Survey and Data Science - IPSDS; \$2.1 Million, PI F. Kreuter (Universität Mannheim)
- 2018-2020 *Research Award* German Research Foundation (DFG) Statistical modeling using mouse movements to model measurement error and improve data quality in web surveys; own share \$184,000 (Universität Mannheim), PIs F. Kreuter and S. Greven (HU Berlin),
- 2018-2021 *Research Award* German Research Foundation (DFG). Survey Mode, Survey Technology and Technology Innovations in Data Collection (as part of the SFB884 Political Economy of Reforms); awarded amount \$613,900, PI F. Kreuter, with M. Frölich and F. Keusch.
- 2018-2021 *Research Award* German Research Foundation; Evaluating Data Sources for Research into Political Reforms: (Non)probability Online Surveys and Big Data (as part of the SFB884 Political Economy of Reforms); awarded amount \$594,980, PIs F. Kreuter, A. Blom, F. Keusch (Universität Mannheim)
- 2017-2018 *Cooperative Agreement* USDA Economic Research Services. Transparency in reporting on data quality for FSS statistical products that use mixed data; awarded amount \$100,000, PI F. Kreuter (University of Maryland)
- 2016-2018 *German Science Foundation (DFG)* New Methods for Job and Occupation Classification; awarded amount \$398,867 (University of Mannheim)
- 2016-2018 *National Science Foundation Research Traineeship Program (NRT) Award* Information Infrastructure for Society: Integrating Data Science and Social Science in Graduate Education and Workforce Development; awarded amount \$499,896, PI F. Kreuter (University of Maryland), collaboration with Julia Lane (NYU) and Rayid Ghani (University of Chicago)
- 2016-2017 *German Science Foundation (DFG)* Survey Modes and Technical Innovations in Data Collection Techniques; awarded amount Euro 281,300, [PIs F. Kreuter, M. Froehlich, B. Silfinger] (University of Mannheim)
- 2016-2017 *Laura and John Arnold Foundation* Applied Data Analytics training program \$47,768 (University of Maryland), PI Julia Lane (NYU), UMD PI Kreuter
- 2014-2018 *Research Award - Open University* awarded by the German Federal Ministry of Education and Research. Professional Studies in Survey Practice and Data Science - IPSM; awarded amount \$1.1 Million, PI F. Kreuter (via University of Mannheim).
- 2013-2016 *Research Award* awarded by the National Institute of Health. Using propensity scores for causal inference with covariate measurement error; awarded amount \$109,554, PI E. Stuart (JHSPH), Co-PI F. Kreuter (via UMD).
- 2013 - 2015 *Research Grant* awarded by the U.S. National Science Foundation for the proposal *Decomposing Interviewer Variance in Standardized and Conversational Interviewing*; awarded \$410,000, PI on University of Maryland portion, own share \$36,804. Collaborator: Brady West and Fred Conrad (University of Michigan).
- 2010-2014 *NASS Research Assistantship* awarded by the USDA-National Agricultural Statistical Service; awarded \$140,000, PI F. Kreuter.
- 2009-2014 *Research Grant* awarded by the UK Economic and Social Research Council (ESRC) for the proposal *The Use of Paradata (Field Process Data) in Cross-Sectional and Longitudinal Surveys*; awarded £404,000, PI G. Durrant (University of Southampton), Co-PIs: F. Kreuter and P. Smith (University of Southampton).

- 2009 - 2013 *Research Grant* awarded by the *U.S. National Science Foundation* for the proposal *Collaborative Research on Motivated Underreporting*; awarded \$565,102, PI on University of Maryland portion, own share \$92,804. Collaborator: Roger Tourangeau (University of Michigan).
- 2006 - 2009 *Research Grant* awarded by the *U.S. National Science Foundation* for the proposal *Collaborative Research on Latent Class Models*. awarded \$241,897; PI on University of Maryland portion, own share \$59,291. Collaborator: Roger Tourangeau (Ting Yan was part of the grant while a post-doc at the University of Michigan).
- 2008 *Maryland Population Research Center Seed Grant* to study errors in interviewer housing unit listings; PI awarded \$15,000

Honors and Awards

- 2023 Member Berlin Brandenburg Academy of Science
- 2022 AAPOR Policy Impact Award - COVID Trends and Impact Survey
- 2022 AAPOR Warren J. Mitofski Innovators Award - COVID Trends and Impact Survey
- 2021 Fellow of the International Statistical Institute
- 2020 AAPOR Warren J. Mitofski Innovators Award
- 2020 AAPOR Book Award with Richard Valliant and Jill Dever for “Practical Tools for Designing and Weighting Survey Samples”
- 2019 Maryland Research Excellence Honoree
- 2018 Inaugural Recipient of the Link Lecture Award, American Statistical Association; for adding important links in the progress of official statistics through leadership in education and training and distinguished contributions to the literature on social and economic measurement
- 2016 Facebook Research Award; for the efforts to bridge between the fields of survey methodology and data science; awarded \$25,000
- 2014 *Fellow* of the American Statistical Association. Citation: For outstanding contributions to research in the field of survey methodology; for excellence in mentoring of junior researchers in social statistics and survey methodology; and for extensive international research collaborations
- 2013 *Gertrude Cox Award*. The Cox award was established in 2003 through a joint agreement between the Washington Statistical Society and RTI. It recognizes statisticians in early to mid-career who have made significant breakthroughs in statistical practice. The recipient is chosen by a committee of representatives from RTI and the Washington Statistical Society. Past recipients include, in chronological order: Sharon Lohr, Alan Zaslavsky, Tom Belin, Vance Berger, Francesca Domenici, Thomas Lumley, Jean Opsomer, Michael Elliott, Nilanjan Chatterjee and Amy Herring.
- 2008 *Research Award* provided by Nielsen Media Research *Nonresponse Bias Study for the Council of Research Excellence*; awarded \$50,000
- 2007 *Summer Research Award* by the University of Maryland’s General Research Board (UMD-GRB) for the proposal *Using Observational Data to Improve Nonresponse Adjustment*; awarded \$8,750
- 2007 *Travel Award* provided by the Rensis Likert Fund at the Institute for Social Research, University of Michigan to support future scholars in Survey Methodology; awarded \$2,320
- 2006-2008 *Research Award* provided by Nielsen Media Research *Nonresponse Bias Study for the Council of Research Excellence*; awarded \$100,000

- 2004 *Research Award* provided by the Charles Cannell Fund, Institute for Social Research, University of Michigan *Interviewer Effects as a Function of Respondents, Interviewer and Question Type*; awarded \$4,200
- 2001 *Dissertation Award* provided by the ‘Deutsche Forschungsgemeinschaft’ (DFG); awarded DM 6000,-
- 2001 *Academic Exchange Fellowship* provided by the ‘Deutscher Akademischer Austauschdienst’ (DAAD) for a six month ‘Postdoc’ fellowship at the University of California, Los Angeles.
- 2002 *Teaching and Technology Enhancement Award* provided by the University of Konstanz for the proposal *Development of and Online Question Data Base for Undergraduate Teaching in Statistics*
- 1999 *Teaching and Technology Enhancement Award* provided by the University of Konstanz for the proposal *Development of an Online Teaching Unit for Political Science Methodology Undergraduate Teaching*

Publications

Legend for co-authored work: ^blead author, ^sauthor was student under my supervision while research was conducted, otherwise authors contributed equally to the work.

1 Books

1.1 Books authored

1. Horn C, Kreuter F (2020): *Die Digitale Herausforderung. Tipping Points, die Ihr Unternehmen verändern werden*. Haufe
2. Valliant R^b, Dever J, Kreuter F (2018): *Practical Tools for Designing and Weighting Survey Samples*. New York: Springer. 2nd Edition. First edition 2013.
3. Kohler U, Kreuter F (2016): *Datenanalyse mit Stata. Allgemeine Konzepte der Datenanalyse und ihre praktische Anwendung. 5th Edition*. München: Oldenbourg. 1st Edition 2001, 2nd Edition 2005, 3rd Edition 2008. 4th Edition 2012; published with Stata Press in English in its 3rd edition.
4. Kreuter F (2002): *Kriminalitätsfurcht: Messung und methodische Probleme (Fear of Crime: Measurement and Methodological Problems)*. Methodische Aspekte kriminologischer Forschung (1). Opladen: Leske und Budrich.
5. Stockmann R^b, Leicht R^b, Kohlmann U, Krapp S, Kreuter F (1998): *Implementierungsbedingungen eines kooperativen Ausbildungssystems in Ägypten (Evaluating Cooperative Vocational Training Systems in Egypt)*. Diskussionsbeiträge und Materialien zur internationalen Berufsbildungszusammenarbeit (8). Berlin: Overall.

1.2 Books edited & Volumes edited

6. Lane J, Kim B, Kreuter F, Nunez A (2022): The Value of Science: Special Theme. *Harvard Data Science Review*, Special Edition and Editorial
7. Olson K, Smyth JD, Dykema J, Holbrook AL, Kreuter F, and West BT (2020) Interviewer Effects from a Total Survey Error Perspective. Chapman and Hall/CRC Statistics in Social and Behavioral Sciences. Boca Raton: CRC Press, 2020
8. Foster I, Ghani R, Jarmin RS, Kreuter F, Lane J (2020) (Eds.): *Big Data and Social Science. A Practical Guide to Methods and Tools*. Chapman and Hall/CRC Statistics in the Social and Behavioral Sciences. Boca Raton: CRC Press. 1st edition 2016

9. Biemer P, Eckman S, Edwards B, de Leeuw E, Kreuter F, Lyberg L, Tucker C and West B (2017) (Eds.): *Total Survey Error in Practice*. Chapman and Hall/CRC Statistics in the Social and Behavioral Sciences New York: Wiley.
10. Kreuter F (2013) (Ed.): *Improving Surveys with Paradata. Analytic Uses of Process Information*. Wiley Series in Survey Methodology. Hoboken: Wiley.
11. Durrant G, Kreuter F (2013) (Eds.): *Special Issue: The Use of Paradata in Social Survey Research*. Journal of the Royal Statistical Society. Series A (Statistics in Society), Vol. 176(1). Hoboken: Wiley.
12. Blom A, Kreuter F (2011) (Eds.): *Special Issue on Nonresponse*. Journal of Official Statistics. Vol. 27(2). Stockholm: Statistics Sweden.

1.3 Chapters in Books

13. Bach R, Kreuter F (2022): Big Data in einer digitalisierten, datengestützten Demokratie. In Spieker I, Indra, Westland M, Campos R (Ed) *Demokratie und Öffentlichkeit im 21. Jahrhundert zur Macht des Digitalen Nomos* Verlagsgesellschaft mbH., 127-148.
14. Keusch F, Kreuter F (2022): Digital trace data: Modes of data collection, applications, and errors at a glance. In Engel U, Quan-Haase A, Liu SX, Lyberg L (Eds) *Handbook of computational social science London 1 (Theory, case studies and ethics)*, 100-118.
15. Malich S[§], Keusch F, Baehr S, Haas GC, Kreuter F, Trappmann M (2021): Mobile Datenerhebung in einem Panel Die IAB-SMART Studie. In Wolbring T, Leitgoeb H, Faulbaum F (Eds) *Sozialwissenschaftliche Datenerhebung im digitalen Zeitalter*, 45-69, Wiesbaden.
16. Keusch F, Kreuter F (2020): Zukunft der Aus- und Weiterbildung in der Markt- und Sozialforschung. In Keller B, Klein HW, Wachenfeld-Schell A, Wirth T (Eds) *Marktforschung für die Smart Data World*, 325, Wiesbaden: Springer Fachmedien Wiesbaden.
17. Keusch F^b, Struminskaya B, Kreuter F, Weichbold M (2020): Combining Active and Passive Mobile Data Collection: A Survey of Concerns. In Hill CA, Biemer PP, Buskirk TD, Japac L, Kirchner A, Kolenikov S, Lyberg LE (Eds.) *Big Data Meets Survey Science*, Wiley, 657682.
18. Haas GC^b, Kreuter F, Keusch F, Trappmann M, Bähr S (2020) Effects of Incentives in Smartphone Data Collection. In Hill CA, Biemer PP, Buskirk TD, Japac L, Kirchner A, Kolenikov S, Lyberg LE (Eds.) *Big Data Meets Survey Science*, Wiley, 387414.
19. Ashley A^b, Bach R, Kreuter F, and Keusch F (2020) Measuring the Strength of Attitudes in Social Media Data. Hill CA, Biemer PP, Buskirk TD, Japac L, Kirchner A, Kolenikov S, Lyberg LE (Eds.) *Big Data Meets Survey Science*, Wiley, 163692.
20. Olson K, Smyth JD, Dykema J, Holbrook AL, Kreuter F, West BT (2020): The Past, Present, and Future of Research on Interviewer Effects. In Olson K, Smyth JD, Dykema J, Holbrook AL, Kreuter F, West BT *Interviewer Effects from a Total Survey Error Perspective* 1st ed. Chapman and Hall/CRC.
21. West BT^b, Yan T, Kreuter F, Josten M, Schroeder H (2020): Examining the Utility of Interviewer Observations on the Survey Response Process. In Olson K, Smyth JD, Dykema J, Holbrook AL, Kreuter F, and West BT (Eds.) *Interviewer Effects from a Total Survey Error Perspective*, Chapman and Hall/CRC.
22. Schwanhuser S^b, Sakshaug JW, Kosyakova Y, Kreuter F (2020): Statistical Identification of Fraudulent Interviews in Surveys: Improving Interviewer Controls. In Olson K, Smyth JD, Dykema J, Holbrook AL, Kreuter F, West BT *Interviewer Effects from a Total Survey Error Perspective*, Chapman and Hall/CRC, 91106.

23. Horwitz R^b, Brockhaus S, Henninger F, Keusch F, Schierholz M, Kieslich P, Kreuter F (2020): Learning from mouse movements: Improving questionnaire and respondents user experience through passive data collection. In Beatty P, Collins D, Kaye L, Padilla J, Willis G, and Wilmot A (Eds.) *Advances in Questionnaire Design, Development, Evaluation and Testing*. Hoboken: Wiley.
24. Kreuter F^b, Eckman S, Tourangeau R (2020): Salience of Survey Burden and Its Effect on Response Behavior. In Beatty P, Collins D, Kaye L, Padilla J, Willis G, and Wilmot A (Eds.) *Advances in Questionnaire Design, Development, Evaluation and Testing*. Hoboken: Wiley, 213-227.
25. Felderer B, Birg A, Kreuter, F (2019): Paradata. In Baur N, Blasisus J (Eds), *Handbuch Methoden der empirischen Sozialforschung*, 413-422, Springer.
26. Samoilova E, Keusch F, Kreuter F (2019): Integrating Survey and Learning Analytics Data for a Better Understanding of Engagement in MOOCs. In: Jiao H, Lissitz R, Wie A V (Eds.) *Data Analytics and Psychometrics: Informing Assessment Practices*. MARCES Book Series.
27. Gould R, Peng RD, Kreuter F, Pruijm R, Witmer J, Cobb GW (2018): Challenge to the Established Curriculum: A Collection of Reflections. In: Ben-Zvi D, Makar K, Garfield J (Eds.) *International Handbook of Research in Statistics Education*. Springer International Handbooks of Education. Cham: Springer, pp. 415-432.
28. Kreuter, F (2018): Getting the most out of paradata. In: Vannette DL, Krosnick JA (Eds.) *The Palgrave Handbook of Survey Research*. Cham: Palgrave Macmillan, pp. 193-198.
29. Kreuter, F (2018): Paradata. In: DL Vannette, Krosnick JA (Eds.) *The Palgrave Handbook of survey research*. Cham: Palgrave Macmillan, pp. 529-535.
30. Kreuter F, Keusch F, Samoilova E, and Froessinger K (2018): International Program in Survey and Data Science. In: Koenig C, Schroeder J, Wiegand E (Eds.) *Big Data. Chancen, Risiken, Entwicklungstendenzen*. Wiesbaden: Springer VS, pp. 27-41.
31. Eckman S^b and Kreuter F (2017): Undercoverage-Nonresponse Trade-Off. In: Biemer et al. (Eds.) *Total Survey Error in Practice*. Hoboken: Wiley, S. 97-113.
32. Bender S, Jarmin R, Kreuter F, Lane J (2016): Privacy and Confidentiality. In: Foster et al. (Eds.) *Big Data and Social Science. A Practical Guide to Methods and Tools*. Chapman and Hall/CRC Statistics in the Social and Behavioral Sciences. Boca Raton: CRC Press, pp. 299-311.
33. Tourangeau R^b, Kreuter F, Eckman S (2015): Motivated Misreporting: Shaping Answers to Reduce Survey Burden. In: Engel U *Survey Measurements. Techniques, Data Quality and Sources of Error*. Chicago: University of Chicago Press & Frankfurt: Campus, pp. 24-41.
34. Kreuter F (2015): The Use of Paradata. In: Engel et al. (Eds.) *Improving Survey Methods. Lessons from Recent Research*. European Association of Methodology Series. New York: Routledge, pp. 303-315.
35. Felderer B^s, Birg A^s, Kreuter F (2014): Paradata (Paradata). In: Baur N, Blasius J (Eds.) *Handbuch Methoden der empirischen Sozialforschung*. Wiesbaden: Springer VS, pp. 357-365.
36. Kreuter F^b, Peng R (2014): Extracting Information from Big Data. Issues of Measurement, Inference and Linkage. In: Lane et al. *Privacy, Big Data, and the Public Good. Frameworks for Engagement*. Cambridge: Cambridge University Press, pp. 257-275
37. Kreuter F (2013): Improving Surveys with Paradata. In: Kreuter F (Ed.) *Improving Surveys with Paradata. Analytic Uses of Process Information*. Wiley Series in Survey Methodology. Hoboken: Wiley, pp. 1-10.
38. Kreuter F (2013): Paradata in the Total Survey Error Framework. In: Kreuter F (Ed.) *Improving Surveys with Paradata. Analytic Uses of Process Information*. Wiley Series in Survey Methodology. Hoboken: Wiley, pp. 1-10.

39. Kreuter F^b, Olson K (2013): Paradata for Nonresponse Error Investigation. In: Kreuter F (Ed.) *Improving Surveys with Paradata. Analytic Uses of Process Information*. Wiley Series in Survey Methodology. Hoboken: Wiley, pp. 13-42.
40. Kreuter F (2011): Response 1 to Biemer and Berzofskys Chapter: Some Issues in the Application of Latent Class Models for Questionnaire Design. In: Madans et al. (Eds.) *Question Evaluation Methods. Contributing to the Science of Data Quality*. Wiley Series in Survey Methodology. Hoboken: Wiley, pp. 187-198.
41. Kreuter F (2010): Survey Methodology. International Developments. In: German Data Forum und Rat für Sozial- und Wirtschaftsdaten (Ed.) *Building on Progress. Expanding the Research Infrastructure for the Social, Economic, and Behavioral Sciences*. Vol. 1. Opladen: Budrich UniPress, pp. 453-469.
42. Kreuter F^b, Casas-Cordero C[§] (2010): Paradata. In: German Data Forum und Rat für Sozial- und Wirtschaftsdaten (Ed.) *Building on Progress. Expanding the Research Infrastructure for the Social, Economic, and Behavioral Sciences*. Vol. 1, Opladen: Budrich UniPress, pp. 509-529.
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3 Monographs and Reports

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4 Book Reviews

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5 Non-Refereed Outlets

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Gesellschaft für Soziologie in München 2004. 2 Bände. Frankfurt am Main: Campus Verlag, pp. 3465-3478.

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5.1 Manuals, Notes, Software, Webpages, and Other Contributions

- 2022 Valliant R, Dever J, Kreuter F “Tools for Designing and Weighting Survey Samples”, CRAN, first version 2018
- 2022 Horn C, Kreuter F “DigDeep”, www.digdeep.de - podcast on topics of digitalization. Since July 2016
- 2004 Gould R, Kreuter F, Davis G, Palmer C, Tranbarger K, Vassar S, Graziano H. “Data Analysis Lab Manual”. Center for Teaching Statistics. UCLA.
- 2002 Online Question Data Base for Undergraduate Teaching in Statistics, University of Konstanz, Germany.
- 1999 Online Teaching Unit for Political Science Methodology Undergraduate Teaching, University of Konstanz, Germany.

6 Mentoring

6.1 Dissertation Chair

- 2021- *Jacob Beck* University of Munich.
- 2020- *Frederic Gerdon* University of Mannheim.
- 2017-2021 *Georg Haas*, Modernization of Data Collection Methods, University of Mannheim.
- 2016-2019 *Malte Schierholz*, Machine Learning Methods for Survey Research. Applications in Job Classification, University of Mannheim; Current employment: IAB and Mannheim Center for European Social Research, University of Mannheim.
- 2016-2019 *Ismael Flores Cervantes*, A Unifying Parametric Framework for the Estimation of Finite Population Totals from Complex Samples. Current employment: Westat.
- 2015-2018 *Ruben Bach*, Using propensity methods to study panel conditioning in surveys. University of Maryland; Current employment: University of Mannheim.
- 2014-2018 *Andrew Mercer* Inference from non-probability surveys. PhD., University of Maryland; Current employment: PEW Research.

- 2012-2014 *Taylor Lewis* Testing for Phase Capacity in Surveys with Multiple Waves of Nonrespondent Follow-Up, University of Maryland; Co-Chair: Dr. Partha Lahiri. Current employment: U.S.OPM.
- 2012-2014 *Hanyu Sun* Rapport in Standardized Interviewing and Its Impact on Sensitive Disclosure, University of Maryland; Co-Chair: Dr. Fred Conrad. Current employment: Westat.
- 2012-2014 *Juli Korbmacher* Linkage Consent, Ludwig-Maximilians Universität München. Current employment: kbo - Kliniken des Bezirks Oberbayern
- 2011-2014 *Barbara Felderer* Incentives in Surveys, Graduate Program Institute for Employment Research, Nürnberg. Current employment: University of Mannheim.
- 2011-2014 *Jennifer Sinibaldi* Evaluating the Quality of Interviewer Observed Paradata for Nonresponse Applications, Graduate Program Institute for Employment Research, Nürnberg. Current employment: University of Maryland, College Park.
- 2012-2013 *Antje Kirchner* Techniques for Asking Sensitive Questions in Labor Market Surveys, Ludwig-Maximilians University of Munich. Current employment: RTI.
- 2011-2013 *Rachel Horwitz* Classifying Mouse Movements and Providing Help in Web Surveys, University of Maryland; Co-Chair: Dr. Fred Conrad. Current employment: U.S. Census Bureau.
- 2011-2012 *Susan Kenny McCulloch* Effects of Acoustic Perception of Gender on Nonsampling Errors in Telephone Surveys, Joint Program in Survey Methodology, University of Maryland. Current employment: Self-employed.
- 2010-2011 *Brady West*, Measurement Error in Interviewer Observations, Program in Survey Methodology, University of Michigan. Co-Chair: Dr. James Lepkowski. Current employment: University of Michigan.
- 2008-2010 *Stephanie Eckman* Coverage Rates and Coverage Bias. When Interviewers Create Frames, Joint Program in Survey Methodology, University of Maryland. Current employment: RTI.
- 2008-2010 *Carolina Casas-Cordero* Neighborhood Characteristics and Survey Nonresponse, Joint Program in Survey Methodology, University of Maryland. Current employment: Catholic University, Chile.
- 2006-2009 *Michael Lemay* Understanding the Mechanism of Attrition and its Impact on Nonresponse Error, Joint Program in Survey Methodology, University of Maryland. Current employment: US Census Bureau.

6.2 Postdoc and Advanced Researcher Mentorships

- 2019-2021 *Christoph Kern*, University of Mannheim
- 2018 *Ashley Amaya*, Visiting Scholar, University of Mannheim
- 2017-2019 *Chris Antoun*, Assistant Research Professor, University of Maryland
- 2017-2020 *Brian Kim*, Postdoc, University of Maryland
- 2011-2017 *Joerg Drechsler*, Habil., Ludwig-Maximilians Universität München

6.3 Member in Dissertation Committees

- 2019-2022 *Vlad Achimescu* Measuring online perceptions and offline consequences of misinformation, disinformation, and computational propaganda, Chair: Florian Keusch
- 2019-2021 *Anna-Carolina Haensch* Dealing with Various Flavors of Missing data in Ex-Post Survey Harmonization and Beyond, Chair: Dr. Joerg Drechsler
- 2017-2018 *Sharan Sharma* Interviewer Effects, University of Michigan, Chair: Dr. Mike Elliot

- 2017-2018 *Felicitas Mittereder* Predicting and Preventing Breakoff in Web Surveys, University of Michigan, Chair: Dr. Brady West
- 2016-2018 *Julia Plass* Statistical modelling of categorical data under ontic and epistemic imprecision, University of Munich; Chair: Thomas Augustin
- 2007-2014 *Aaron Maitland* A Comparison of Ex-ante, Laboratory, and Field Methods for Pretesting Survey Questionnaires, Chair: Dr. Stanley Presser
- 2011-2013 *Chan Zhang* Exploring the Design of Web Survey Intervention, University of Michigan; Chair: Dr. Fred Conrad
- 2011-2012 *Rebecca Medway* Beyond Response Rates: The Effect of Prepaid Incentives on Measurement Error, Chair: Dr. Roger Tourangeau
- 2011-2012 *Cong Ye* Adjustment for Nonresponse, Sample Quality Indicators, and Nonresponse Errors in A Total Survey Error Context, Chair: Dr. Richard Valliant
- 2011-2012 *Jeffrey Gonzalez* Methods for Responsive Split Questionnaire Panel Surveys, Chair: Dr. Richard Valliant
- 2010-2011 *Jessica L. Mislevy* Detecting Local Item Dependence in Polytomous Adaptive Data, University of Maryland; Dean's representative; Co-Chairs: Dr. Jeffrey Haring, Dr. André A. Rupp
- 2009-2010 *Rachel Levenstein* Mode Effects in Household Surveys, University of Michigan; PhD Committee Member; Chair: Dr. James Lepkowski
- 2008-2009 *Matthew Jans* Can Speech Cues and Voice Qualities Predict Item Nonresponse and Inaccuracy in Answers to Income Questions, University of Michigan; PhD Committee Member; Chair: Dr. Fred Conrad
- 2007-2008 *Jill Dever* Sampling Weight Calibration with Estimated Control Totals, Joint Program in Survey Methodology, University of Maryland; PhD Committee Member; Chair: Dr. Richard Valliant
- Opponent *Marjo Pyy-Martikainen* Statistical Analysis of Survey-based Event History Data, Turku, Finland; Chair: Dr. Leif Nordberg

6.4 Reviewing Activities (subset)

Professional Journals/Series: Allgemeines Statistisches Archiv, American Journal of Sociology, Annals of Applied Statistics, British Medical Journal, Crime and Delinquency, Criminology, EPJ Data Science, Field Methods, Harvard Data Science Review, International Journal of Public Opinion Research, Journal of Official Statistics, Journal of Quantitative Criminology, Journal of the Royal Statistical Society, Journal of Statistical Software, Journal of Survey Statistics and Methodology, Nature, Psychometrica, Public Opinion Quarterly, Proceedings of the National Academies, Sensors, Sociological Methods and Research, Sociological Methodology, Social Science Research, Stata Journal, Survey Methodology, Survey Methodology Series at Wiley, Survey Research Methods, U.S. MacArthur Foundation (ad-hoc reviewer), Netherlands Organisation for Scientific Research (ad-hoc reviewer), European Research Council (ERC panel member), Deutsche Forschungsgemeinschaft (ad-hoc reviewer)

6.5 Membership in Professional Associations

AAAS American Association for the Advancement of Science; AAPOR American Association for Public Opinion Research; ASA American Statistical Association; ESRA European Survey Research Association; ISI International Statistical Institute