

Dr. Stefan Jünger

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Research Interests

- Social & Environmental Inequalities
- Attitudes Towards Minorities
- Neighborhood Effects
- Geographic Information Systems (GIS)
- Research Data Management
- Open Science & Reproducible Research

Current Position

Postdoctoral Researcher

GESIS – LEIBNIZ INSTITUTE FOR THE SOCIAL SCIENCES

Cologne, Germany

Experience

Acting Head of the GESIS Secure Data Center

GESIS – LEIBNIZ INSTITUTE FOR THE SOCIAL SCIENCES

2021–2021

Cologne, Germany

Postdoctoral Researcher for Georeferencing

GESIS – LEIBNIZ INSTITUTE FOR THE SOCIAL SCIENCES

2019–today

Cologne, Germany

Researcher in the DFG project “Sozial-Raumwissenschaftliche Forschungsdateninfrastruktur”

GESIS – LEIBNIZ INSTITUTE FOR THE SOCIAL SCIENCES

2017–2019

Cologne, Germany

Researcher in the DFG project “Georeferenzierung von Umfragedaten”

GESIS – LEIBNIZ INSTITUTE FOR THE SOCIAL SCIENCES

2015–2017

Cologne, Germany

Data Curator for Data Ingest in the GESIS Data Archive

GESIS – LEIBNIZ INSTITUTE FOR THE SOCIAL SCIENCES

2013–2015

Cologne, Germany

University

Dr. rer. pol.

UNIVERSITY OF COLOGNE

2019

Cologne, Germany

Magister Artium (Sociology, Philosophy, Cultural Anthropology)

UNIVERSITY OF COLOGNE

2012

Cologne, Germany

Third-party Funding

Sozial-Raumwissenschaftliche Forschungsdateninfrastruktur (SoRa)

GERMAN RESEARCH FOUNDATION (DFG), DURATION: 01 MARCH, 2017 TO 31 DECEMBER, 2020

603.100 EUR

Member of Principal Investigator's Team

Green Energy Transactions (GRETA)

EUROPEAN COMMISSION (H2020), DURATION: 01 JUNE, 2021 TO 30 NOVEMBER, 2023

183.605 EUR

Member of General Assembly

Professional Service

JOURNAL REVIEWS

Social Science Computer Review, Frontiers in Sociology

MEMBERSHIPS

Publications

BOOKS

Jünger, S. (2019). *Using Georeferenced Data in Social Science Survey Research. The Method of Spatial Linking and Its Application with the German General Social Survey and the GESIS Panel.* <https://doi.org/10.21241/ssar.63688>

JOURNAL ARTICLES

Jünger, S. (2021). Land Use Disadvantages in Germany: A Matter of Ethnic Income Inequalities? *Urban Studies, Online First.* <https://doi.org/10.1177/00420980211023206>

Bensmann, F., Heling, L., **Jünger, S.**, Mucha, L., Acosta, M., Goebel, J., ... Zapilko, B. (2020). An Infrastructure for Spatial Linking of Survey Data. *Data Science Journal*, 19(1), 27. <https://doi.org/10.5334/dsj-2020-027>

Jünger, S., Borschewski, K., & Zenk-Möltgen, W. (2019). Documenting Georeferenced Social Science Survey Data: Limits of Metadata Standards and Possible Solutions. *Journal of Map & Geography Libraries*, 15(1), 68–95. <https://doi.org/10.1080/15420353.2019.1659903>

Klinger, J., **Müller, S.**, & Schaeffer, M. (2017). Der Halo-Effekt in einheimisch-homogenen Nachbarschaften: Steigert die ethnische Diversität angrenzender Nachbarschaften die Xenophobie? *Zeitschrift Für Soziologie*, 46(6), 402–419. <https://doi.org/10.1515/zfsocz-2017-1022>

Schweers, S., Kinder-Kurlanda, K., **Müller, S.**, & Siegers, P. (2016). Conceptualizing a Spatial Data Infrastructure for the Social Sciences: An Example from Germany. *Journal of Map & Geography Libraries*, 12(1), 100–126. <https://doi.org/10.1080/15420353.2015.1100152>

Recker, A., & **Müller, S.** (2015). Preserving the Essence: Identifying the Significant Properties of Social Science Research Data. *New Review of Information Networking*, 20(1-2), 229–235. <https://doi.org/10.1080/13614576.2015.1110404>
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Recker, J. A., **Müller, S.**, Trixa, J., & Schumann, N. (2015). Paving the way for data-centric, open science. An example from the social sciences. *Journal of Librarianship and Scholarly Communication*, 2(3). <https://doi.org/10.7710/2162-3309.1227>

BOOK CHAPTERS

Jünger, S. (2021). Subjektiv geschätzter und tatsächlicher Ausländeranteil in der Nachbarschaft: Analysen mit dem georeferenzierten ALLBUS 2016 und dem Zensus 2011. In Arbeitsgemeinschaft Sozialwissenschaften (Ed.), *Die Empirische Sozialforschung in Zeiten der Digitalisierung Methodische Konsequenzen neuer Technologien der Datenerhebung.* https://doi.org/10.1007/978-3-658-34396-5_7

Jünger, S., & Schaeffer, M. (2021). Der Halo Effekt in Deutschland Revisited. Sind Menschen, die in der Nähe von aber nicht in ethnisch diversen Nachbarschaften leben besonders xenophob und rassistisch? In J. Teltemann & H. Kruse (Eds.), *Differenz im Raum.* Wiesbaden: Springer VS (in press).

Jünger, S., Mucha, L., & Meinel, G. (2019). Die Sozial-Raumwissenschaftliche Forschungsdateninfrastruktur SoRa - Potenziale und Implementierung. *IÖR Schriften, IÖR-Schriften; 77*, 139–148. Berlin: Rhombos-Verlag.

Müller, S. (2019). Räumliche Verknüpfung georeferenzierter Umfragedaten mit Geodaten: Chancen, Herausforderungen und praktische Empfehlungen. In U. Jensen, S. Netscher, & K. Weller (Eds.), *Forschungsdatenmanagement sozialwissenschaftlicher Umfragedaten. Grundlagen und praktische Lösungen für den Umgang mit quantitativen Forschungsdaten* (pp. 211–229). <https://doi.org/10.2307/j.ctvbkk1p8.15>

Siegers, P., **Müller, S.**, & Klinger, J. (2019). Regionalisierung durch Georeferenzierung in der Sozialforschung. In A. R. Standards (Ed.), *Regionale Standards: Ausgabe 2019* (pp. 78–93). <https://doi.org/10.21241/ssar.62343>

Wira-Alam, A., **Müller, S.**, & Schumann, N. (2015). Datorium: Sharing Platform for Social Science Data: Deposit and Publish Research Data for Better Visibility. *Re:Inventing Information Science in the Networked Society: Proceedings of the 14th International Symposium on Information Science, Zadar/Croatia, 19th-21st May 2015*, 244–251.

WORKING PAPERS

Beuthner, C., Breuer, J., & **Jünger**, S. (2021). Data Linking - Linking survey data with geospatial, social media, and sensor data. *GESIS Survey Guidelines*. https://doi.org/10.15465/GESIS-SG_EN_039

Jünger, S., Kolb, J. P., & Schwerdtfeger, M. (2020). *Georeferencing the GESIS Panel: Background, Workflow, and Analysis Example* (GESIS Paper No. 2020|10). <https://doi.org/10.21241/ssoar.69336>

Jünger, S., & Zapilko, B. (2020). *SoRa Survey. Befragung zu georeferenzierten Daten* (GESIS Paper No. 2020|02). <https://doi.org/10.21241/ssoar.66729>

Müller, S., Schweers, S., & Siegers, P. (2017). *Geocoding and Spatial Linking of Survey Data: An Introduction for Social Scientists* (GESIS Paper No. 2017|15). <https://doi.org/10.21241/ssoar.52316>

Talks

PEER-REVIEWED CONFERENCE PRESENTATIONS AND POSTERS

Jünger, S. (2020a, October). *Land Use Disadvantages in Germany: Evidence from the German General Social Survey*. Presented at the Mid-term Conference of Research Network 21 "Quantitative Methods" of the European Sociological Association, Luzern (virtual).

Jünger, S. (2020b, August). *On the Use of GIS in Environmental Social Science (Survey) Research: Data Management, Tools, and Applications*. Presented at the Environmental Social Sciences: Current Issues and Future Perspectives. Workshop at the University of Bern, Bern (virtual).

Jünger, S. (2019, November). *Der Nutzen georeferenzierter Daten in der sozialwissenschaftlichen Umfrageforschung: Hintergrund und Anwendung*. Presented at the Gemeinsame Tagung der Arbeitsgemeinschaft sozialwissenschaftlicher Institute (ASI) und der DGS-Sektion „Methoden der empirischen Sozialforschung“: „Empirische Sozialforschung in Zeiten der Digitalisierung Methodische Konsequenzen neuer Technologien, Cologne.

Müller, S., & Zapilko, B. (2019, March). *Investigating social and ethnic inequality by linking survey data to geospatial data*. Presented at the GESIS Panel User Conference 2019, Mannheim.

Borschewski, K., **Jünger**, S., & Zenk-Möltgen, W. (2019, July). *Documenting Georeferenced Social Science Survey Data: Limits and Possible Solutions*. Presented at the ESRA 2019 : 8th Conference of the European Survey Research Association, Zagreb.

Müller, S., Mucha, L., & Meinel, G. (2019, April). *Die Sozial-Raumwissenschaftliche Forschungsdateninfrastruktur SoRa: Potenziale und Implementierung*. Presented at the 11. Dresdner Flächennutzungssymposium, Dresden.

Klinger, J., **Müller**, S., & Schaeffer, M. (2017, July). *The Halo-Effect in Homogeneous Neighborhoods: Does the Ethnic Diversity of Bordering Neighborhoods Increase Xenophobia in Germany?* Presented at the ESRA 2017: 7th Conference of the European Survey Research Association, Lisbon.

Müller, S., & Siegers, P. (2017, July). *Poster: Do Individual Coping Resources Moderate the Effect of Traffic Noise Exposure on Physical and Mental Health? Results from the Georeferenced German General Social Survey 2014*. Presented at the ESRA 2017: 7th Conference of the European Survey Research Association, Lisbon.

Müller, S., Schweers, S., Kinder-Kurlanda, K. E., Siegers, P., & Zenk-Möltgen, W. (2016, September). *Studying the influence of the direct living environment: Examples with the georeferenced German General Social Survey 2014*. Presented at the C33 Conference 2016. 9th International Conference on Social Science Methodology, Leicester.

Schweers, S., **Müller**, S., & Kinder-Kurlanda, K. E. (2016, June). *Implementing an infrastructure to georeference survey data at the GESIS Data Archive*. Presented at the IASSIST 2016, Bergen.

Müller, S., Schweers, S., & Zenk-Möltgen, W. (2016, December). *The Past, Present and Future of Geocoded Survey Data at the GESIS Data Archive*. Presented at the EDDI16 8th Annual European DDI User Conference, Cologne.
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Müller, S., Schweers, S., & Zenk-Möltgen, W. (2015, December). *Georeferenced Survey Data at the GESIS Data Archive*. Presented at the EDDI15 7th Annual European DDI User Conference, Copenhagen.
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Schweers, S., Kinder-Kurlanda, K. E., & **Müller**, S. (2015, December). *The analysis potential of georeferenced survey data*. Presented at the CSS Wintersymposium, Cologne.

Schumann, N., & **Müller**, S. (2014, September). *Poster: Offen, einfach, sicher: Datorium*. Presented at the Open Access Tage 2014, Cologne.

Müller, S., & Schumann, N. (2014, November). *Poster: Datorium. A data sharing service for publication and re-use of social science research data*. Presented at the 2nd Data Management Workshop, Cologne.

Müller, S., & Recker, J. A. (2014, June). *A rose is a rose is a rose? Defining significant properties of social sciences research data*. Presented at the Open Repositories 2014, Helsinki.
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OTHER CONFERENCE PRESENTATIONS (NOT PEER-REVIEWED) AND INVITED TALKS

Jünger, S. (2020, October). *Management and Analysis of Georeferenced Survey Data*. Presented at the MZES Social Science Data Lab, virtual. Retrieved from https://github.com/StefanJuenger/MZES_SSDL_Georeferenced_Survey_Data

Jünger, S. (2020, June). *Räumliche Daten bei GESIS*. Keynote presented at the Online-Workshop der AG „Methoden“ der Sektion „Stadt- und Regionalsoziologie“ in der Deutschen Gesellschaft für Soziologie, virtual.

Schwentker, B., Becker, P., Jünger, S., & Wehrmeyer, S. (2019, September). *Amtliche Geodaten im öffentlichen Diskurs: Wie schaffen wir bessere Zugangsmöglichkeiten für Wissenschaft und Datenjournalismus? Podiumsdiskussion*. Presented at the SciCAR 2019, Dortmund.

Jünger, S. (2019, November). *Data Linking: Georeferenced Survey Data*. CESSDA Training Days presented at the CESSDA Training Days, Cologne.

Schweers, S., & **Müller**, S. (2016, March). *Conceptualizing a Spatial Data Infrastructure for the Social Sciences: : An example from Germany*. Presented at the Preserving Transactional Data: A Digital Preservation Coalition Briefing Day, London.

Müller, S. (2016, June). *Beispiel des Zensus 2011*. Guest Lecture, "Match your data! Kumulation von und mit Individual- und Aggregatdaten" lead by Christina Eder, Andre Förster, Malte Kaukal, Monika Langhans and Sophia Kratz presented at the GESIS Workshop, Cologne.

Schumann, N., Recker, J. A., **Müller**, S., & Mauer, R. (2015, June). *Konzept für die Definition signifikanter Eigenschaften von sozialwissenschaftlichen Forschungsdaten*. Presented at the DINI/nestor Workshop "Langzeitarchivierung von Forschungsdaten".

Müller, S. (2014, August). *Datorium: We make your data feel at home*. Guest Lecture, „Introduction to Research Data Management for Social Scientists“, GESIS Summer School 2014 presented at the Introduction to Research Data Management for Social Scientists. GESIS Summer School., Cologne.

Teaching Experience

Jünger, S. (2021, July). *First Steps on Using R as a Geographic Information System*. ESRA Short Course presented at the European Survey Research Association Conference, 2021. Retrieved from <https://github.com/StefanJuenger/esra-workshop-first-steps-R-GIS>

Jünger, S., & Stroppe, A.-K. (2021, February). *Geospatial Techniques in R for Social Scientists*. GESIS Workshop presented at the GESIS Workshop, Zoom. Retrieved from <https://github.com/StefanJuenger/gesis-workshop-geospat>

Breuer, J., & **Jünger**, S. (2020, August). *Introduction to R for Data Analysis*. GESIS Summer School presented at the GESIS Summer School, Cologne. Retrieved from <https://github.com/jobreu/r-intro-gesis-2020>

Breuer, J., **Jünger**, S., & Ebel, T. (2019, May). *Data Wrangling & Exploration with the Tidyverse in R*. GESIS Workshop presented at the GESIS Workshop, Mannheim. Retrieved from <https://github.com/jobreu/tidyverse-workshop-gesis>

Data & Software

Jünger, S. (2021). *Land Use Disadvantages in Germany: A Matter of Ethnic Income Inequalities?* <https://doi.org/10.17605/OSF.IO/A2FNY>

Jünger, S. (2021). *Subjektiv geschätzter und tatsächlicher Ausländeranteil in der Nachbarschaft*. <https://doi.org/10.17605/OSF.IO/GM578>

Jünger, S., & Schaeffer, M. (2021). *Der Halo-Effekt in Deutschland Revisited*. <https://doi.org/10.17605/OSF.IO/PBKCD>

Jünger, S. (2020). *Z11 - R Interface to the German Census 2011 Raster Data*. Retrieved from <https://stefanjuenger.github.io/z11/articles/using-z11.html>

Klinger, J., **Müller, S.**, & Schaeffer, M. (2017). *Code/Syntax: "Der Halo-Effekt in einheimisch-homogenen Nachbarschaften/"The Halo-Effect in Homogeneous Neighborhoods"*. Retrieved from <http://dx.doi.org/10.7802/1493>

Müller, S. (2016). *Georefum - An R-Package for processing and linking of spatial data within the GeorefUm project at GESIS*. Retrieved from <https://github.com/stefmue/georefum>

Blog Posts

Jünger, S., & Cohen, D. (2021, June 11). Using Geospatial Data in R. Retrieved from <https://www.mzes.uni-mannheim.de/socialsciedatalab/article/geospatial-data/>

Jünger, S. (2021, July 12). Land use disadvantages in Germany: A matter of ethnic income inequalities? Retrieved from <https://www.urbanstudiesonline.com/resources/resource/land-use-disadvantages-in-germany-a-ma>