Publications & Software

Publications

Journals, with peer review

2025   Biddle, L., Marchitto, A., & Zinn, S. (accepted) Pre- and post-migration determinants of self-rated health among Ukrainian refugees in Germany: a cross-sectional comparative analysis with recently arrived refugees from other countries of origin. PLOS Glob Public Health 5(11): e0004565. `https://doi.org/10.1371/journal.pgph.0004565`

2025   Jordan, S., Böttger, S.J., & Zinn, S. (2025) The persuasiveness of different sources of information on the decision to vaccinate. A cross-sectional study in Germany during the pandemic at the turn of the year 2021/2022. PLOS One. `https://doi.org/10.1371/journal.pone.0333268`

2025   Brücker, H., Kosyakova, Y., Rother, N., Zinn, S., Liebau, E., Gider, W., Schwanhäuser, S., & Siegert, M. (2025) Exploring Integration and Migration Dynamics: The Research Potentials of a Large-Scale Longitudinal Household Study of Refugees in Germany. European Sociological Review. jcaf032, `https://doi.org/10.1093/esr/jcaf032`

2025   Décieux, J.P., Zinn, S. Ette, E. (2025). Effects of changing the incentive strategy on panel performance: Experimental evidence from a probability-based online panel of refugees. Survey Research Methods. 19(2), 223-239. `https://doi.org/10.18148/srm/2025.v19i2.8437`

2025   Fraemke, Willems, Okbay, Lindenberger, Zinn, Wagner, Richter, Harden, Tucker-Drob, Herwig, Koellinger, Raffington (2025). Polygenic Associations with Educational Attainment in East Versus West Germany: Differences Emerge After Reunification. Psychological Science, 36(7), 559-573. `https://doi.org/10.1177/09567976251350965`

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2025   Gnambs, T., Stein, J. P., Appel, M., Griese, F., & Zinn, S. (2025). An economical measure of attitudes towards artificial intelligence in work, healthcare, and education (ATTARI-WHE). Computers in Human Behavior: Artificial Humans, 3, `https://doi.org/10.1016/j.chbah.2024.100106.`

2024   Berazneva, J., Graeber, D., McCauley, M., Zinn, S., & Matthews, P. H. (2024). Moral bandwidth and environmental concerns during a public health crisis: Evidence from Germany. Journal of Economic Behavior & Organization, 228, `https://doi.org/10.1016/j.jebo.2024.106753`

2024   Hammon, A., & Zinn, S. (2025). Validating an index of selection bias for proportions in non-probability samples. International Statistical Review, `https://doi.org/10.1111/insr.12590.`

2024   Steinhauer, H.W., Decieux, J.P., Siegert, M., Ette, A., & Zinn, S. (2024). Establishing a Probability Sample in a Crisis Context: The Example of Ukrainian Refugees in Germany in 2022. In AStA Wirtschafts- und Sozialstatistisches Archiv, `https://doi.org/10.1007/s11943-024-00338-0`

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2023   Zinn, S., & Wolbring, T. (2023). Recent Methodological Advances in Panel Data Collection, Analysis, and Application. In Survey Research Methods (Vol. 17, No. 3, pp. 219-222).

2023   Bartig, S., Beese, F., Wachtler, B., Grabka, M. M., Mercuri, E., Schmid, L., Schmid-Küpke, N.K., Schranz, M., Goßner, L., Niehues, W., Zinn, S. Poethko-Müller, C., Schaade, L., Hövener, C., Gößwald, A., & Hoebel, J. (2023). Socioeconomic Differences in SARS-CoV-2 Infection and Vaccination in Germany: A Seroepidemiological Study After One Year of COVID-19 Vaccination Campaign. International Journal of Public Health, 68, 1606152. `https://doi.org/10.3389/ijph.2023.1606152`

2023   Brücker, H., Ette, A., Grabka, M.M., Kosyakova, Y., Niehues, W., Rother, N., Spieß, C.K., Zinn, S., Bujard, M., Cardozo, A., Décieux, J.P., Maddox, A., Milewski, N., Sauer, L., Schmitz, S., Schwanhäuser, S., Siegert, M., Tanis, K. (2023) Ukrainian Refugees in Germany: Evidence from a Large Representative Survey. Comparative Population Studies. 48, `https://doi.org/10.12765/CPoS-2023-16`

2023   Möhring, K., Zinn, S., & Ehrlich, U. (2023) Family care during the first COVID-19 lockdown in Germany: Longitudinal evidence on consequences for the well-being of caregivers European Journal of Ageing. 20(1):15. `https://link.springer.com/article/10.1007/s10433-023-00761-2`

2022   Neuhauser, H., Rosario, A. S., Butschalowsky, H., Haller, S., Hoebel, J., Michel, J., Nitsche, A., Poethko-Müller, C. Prütz, F., Schlaud, M., Steinahuer, H.W., Wilking, H., Wieler. L. Schaade, L., Liebig, S. Gößwald, A., Grabka, M., Zinn, S., & Ziese, T. (2022) Germany's low SARS-CoV-2 seroprevalence confirms effective containment in 2020: Results of the nationwide RKI-SOEP study. Scientific Reports (Nature). 12(1), 1-13. `https://www.nature.com/articles/s41598-022-23821-6`

2022   Bartig, S., Brücker, H., Butschalowsky, H., Danne, C., Gößwald, A., Goßner, L., Grabka, M., ..., Zinn, S. (2022) Corona Monitoring Nationwide (RKI-SOEP-2): Seroepidemiological Study on the Spread of SARS-CoV-2 Across Germany. Jahrbücher für Nationalökonomie und Statistik. `https://doi.org/10.1515/jbnst-2022-0047.`

2022   Zinn. S., & Gnambs, T. (2022) Analyzing Nonresponse in Longitudinal Surveys Using Bayesian Additive Regression Trees: A Nonparametric Event History Analysis. Social Science Computer Review. Vol. 40, No. 3, pp. 678-699. `https://doi.org/10.1177/0894439320928242`

2021   Rendtel, U., Liebig, S., Meister, R., Wagner, G., & Zinn, S. (2021) Die Erforschung der Dynamik der Corona-Pandemie in Deutschland: Survey-Konzepte und eine exemplarische Umsetzung mit dem Sozio-oekonomischen Panel (SOEP). AStA Wirtschafts- und Sozialstatistisches Archiv. Vol. 15, No. 2, `https://link.springer.com/article/10.1007/s11943-021-00296-x.`

2021   Bayer, M., Zinn, S., & Rüdiger, C. (2021) Grading in Secondary Schools in Germany - The Impact of Social Origin and Gender. International Journal of Educational Research Open. Vol. 2, No. 2. `https://doi.org/10.1016/j.ijedro.2021.100101`

2021 Wachtler, B., Neuhauser, H., Haller, S., Grabka, M., Zinn, S., Schaade, L. Hövener, C., & Hoebel, J. (2021) Infektionsrisiko mit SARS-CoV-2 für Beschäftigte in Gesundheitsberufen während der Pandemie in Deutschland – Ergebnisse einer bundesweiten seroepidemiologischen Studie. Deutsches Ärzteblatt. Online first. `http://dx.doi.org/10.3238/arztebl.m2021.0376`.

2021 Hoebel, J., Grabka, M., Schröder, C., Haller, S., Neuhauer, H., Wachtler, B., Schaade, L., Liebig, S., Hövener, C., & Zinn, S. (2021) Socioeconomic position and SARS-CoV-2 infections: seroepidemiological findings from a German nationwide dynamic cohort. Journal of Epidemiology & Community Health. Online first. `http://dx.doi.org/10.1136/jech-2021-217653`.

2021 Zinn, S. & Bayer, M. (2021) Time Spent on School-Related Activities at Home During the Pandemic: A Longitudinal Analysis of Social Group Inequality Among Secondary School Students. Frontiers in Psychology. Vol. 12, No. 3493, `DOI:10.3389/fpsyg.2021.705107`.

2021 Zinn, S., & Bayer, M. (2021) Subjektive Belastung der Eltern durch die Beschulung ihrer Kinder zu Hause zu Zeiten des Corona-bedingten Lockdowns im Frühjahr 2020 [Parents' subjective burden of home schooling their children at times of the Corona-related lockdown in spring 2020]. Zeitschrift fur Erziehungswissenschaft. Vol. 20, No. 2, `DOI:10.1007/s11618-021-01012-9`.

2021 Hoebel, J., Busch, M.A., Grabka, M.M., Zinn, S., Allen, J., Gößwald, A., ... & Lampert, T. (2021) Seroepidemiologische Studie zur bundesweiten Verbreitung von SARS-CoV-2 in Deutschland: Studienprotokoll von CORONA-MONITORING bundesweit (RKI-SOEP-Studie). Journal of Health Monitoring, Special Issue 1. `https://www.rki.de/DE/Content/Gesundheitsmonitoring/JoHM/2021/JoHM_Inhalt_21_S01.html`

2021 Kreyenfeld, M., & Zinn, S. (2021) Coronavirus & Care: How the Coronavirus Crisis Affected Fathers' Involvement in Germany. Demographic Research, 44, 99-124.

2020 Zinn, S., Landock, U., & Gnambs, T. (2020) Web-based and mixed-mode cognitive large-scale assessments in higher education: An evaluation of selection bias, measurement bias, and prediction bias. Behavior Research Methods, 53(3), 1202-1217, `DOI:10.3758/s13428-020-01480-7`.

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2020 Hammon, A., & Zinn, S. (2020) Multiple Imputation of Multilevel Data Using a Censored Bivariate Probit Model, Journal of the Royal Statistical Society (Series C). Online first. `https://rss.onlinelibrary.wiley.com/doi/10.1111/rssc.12401`

2020 Zinn, S., Würbach, A., Steinhauer, H.W., & Hammon, A. (2020) Attrition and Selectivity of the NEPS Starting Cohorts: An Overview of the Past 8 Years. AStA Wirtschafts- und Sozialstatistisches Archiv, 14, 163-206.

2019 Steinhauer, H.W., Zinn, S., & Will, G. (2019). Sampling Refugees for an Educational Longitudinal Survey. Special Issue Survey Methods: Insights from the Field (SMIF).

2018 Zinn, S., & Gnambs, T. (2018). Modeling Competence Development in the Presence of Selection Bias. Behavior Research Methods, 50(6), 2426-2441.

2017 Willekens, F., Zinn, S., & Leuchter, M. (2017). Emigration Rates From Sample Surveys: An Application to Senegal. Demography, 54(6), 2159-2179.

2017 von Maurice, J., Zinn, S., & Wolter, I. (2017). Large-Scale Assessments: Potentials and Challenges in Longitudinal Designs. Psychological Test and Assessment Modeling, Volume 59, 2017 (1).

2017 Klabunde, A., Zinn, S., Willekens, F., & Leuchter, M. (2017). Multistate Modelling Extended by Behavioural Rules: An Application to Migration. Population Studies, 71(sup1), 51-67.

2015 Zinn, S. & A. Würbach (2015): A Statistical Approach to Address the Problem of Heaping in Self-Reported Income Data. Journal of Applied Statistics. 43(4), 682-703.

2015 Steinhauer, H. W., Aßmann, C., Zinn, S., Goßmann, S., & Rässler, S. (2015). Sampling and Weighting Cohort Samples in Institutional Contexts. AStA Wirtschafts-und Sozialstatistisches Archiv, 9(2), 131-157.

2014 S. Zinn (2014). The MicSim Package of R: An Entry-Level Toolkit for Continuous-Time Microsimulation. In International Journal of Microsimulation 7(3), 3-32.

2013 Zinn, S., J. Himmelspach, Uhrmacher, A.M., & Gampe, J. (2013). Building Mic-Core, a Specialized M&S Software to Simulate Multi-State Demographic Micro Models, Based on JAMES II, a General M&S Framework. In Journal of Artificial Societies and Social Simulation 16(3)5.

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Editorial Board and Editorials

2023 Special Issue in Survey Research Methods „Recent Methodological Advances in Panel Data Collection, Analysis, and Application", Herausgeberschaft zusammen mit Prof. Dr. Tobias Wolbring

Book Chapters, with peer review

2017 Zinn, S. (2017). Simulating Synthetic Life Courses of Individuals and Couples, and Mate Matching. Book Chapter In Volume on Agent based Modelling in Population Studies. Springer Series on Demographic Methods and Population Analysis. Springer.

2016 Zinn, S. (2016). Variance Estimation With Balanced Repeated Replication: An Application for the Fifth- and Ninth-Grader Cohort Samples of the National Educational Panel Study. In H.-P. Blossfeld, J. von Maurice, J. Skopek, & Bayer, M. (Eds.), Methodological Issues of Longitudinal Surveys (pp.). Wiesbaden: Springer.

2016 Steinhauer, H. W., Zinn, S., & Aßmann, C. (2016). Weighting Panel Cohorts in Institutional Contexts. In H.P. Blossfeld, J. von Maurice, J. Skopek, & Bayer, M. (Eds.), Methodological Issues of Longitudinal Surveys (pp.). Wiesbaden: Springer.

Book Chapters, no peer review

2020 Zinn, S. (2020). Konzeption eines Simulationsmodells zur Formation von Bildungsentscheidungen. In M. Hannappel & J. Kopp (Hrsg.), Mikrosimulation. Springer VS Verlag.

2019   Zinn, S. (2019). Modellierung und Simulation von Entscheidungsprozesse im Rahmen Szenario-basierter Vorhersagen. In N. Saam, M. Resch, & A. Kaminski (Hrsg.), Sozialwissenschaftlichen Simulationen und der Soziologie der Simulation (Bd. 1). Springer.

2019   Aßmann, C., Steinhauer, H.W., Würbach, A., Zinn, S, Hammon. A., Kiesl, H., Rohwer, G., Rässler, S., & Blossfeld, H.-P. (2019). Sampling Design of the National Educational Panel Study: Setup and Panel Development. In H.-P. Blossfeld & H.-G. Roßbach (eds.), Education as a Lifelong Process, Edition ZfE 3. Springer Nature.

2015   Olczyk, M., Seuring, J., Will, G., & Zinn, S. (2015). Migranten und ihre Nachkommen im deutschen Bildungssystem: ein aktueller Überblick. Sammelband Ethnische Ungleichheiten im Bildungsverlauf: Mechanismen, Befunde, Debatten. Springer.

Software

2016 – 2025   R package MicSim: Performing Continuous-Time Microsimulation. http://cran.r-project.org/web/packages/MicSim/index.html

2017   Multistate Modeling Extended by Behavioral Rules (Version 1.5.0). Mit Klabunde, A., Willekens, F., & Leuchter, M. CoMSES Computational Model Library. https://www.comses.net/codebases/5146/releases/1.5.0/

2015   Demographic Microsimulation for Individuals and Couples (Version 1.0.0). CoMSES Computational Model Library. https://www.comses.net/codebases/4490/releases/1.0.0/

2011   Software für das Projekt „Bridging the micro-macro gap in population forecasting (MicMac)". http://www.nidi.nl/en/research/al/micmac/software