

Stanford

Jeremy Freese

Professor of Sociology

Bio

ACADEMIC APPOINTMENTS

- Professor, Sociology

Teaching

COURSES

2025-26

- Sport, Competition, and Society: SOC 8 (Spr)
- Statistics for an Open Science: Modeling: SOC 383 (Spr)
- The Data Scientist as Detective: SOC 11N (Win)
- Workshop: Economy and Society: SOC 315W (Aut, Win, Spr)

2024-25

- Sociological Methodology III: Models for Discrete Outcomes: SOC 383 (Spr)
- The Data Scientist as Detective: SOC 11N (Spr)
- Workshop: Inequality: SOC 341W (Win, Spr)

2023-24

- Sport, Competition, and Society: SOC 8 (Win)
- The Data Scientist as Detective: SOC 11N (Spr)
- Workshop: Inequality: SOC 341W (Aut, Win, Spr)

2022-23

- Sociological Methodology III: Models for Discrete Outcomes: SOC 383 (Spr)
- The Data Scientist as Detective: SOC 11N (Win)
- Workshop: Inequality: SOC 341W (Aut, Win, Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

David Broska, Joe Mernyk, Cassandra Roeser, Nick Sherefkin

Doctoral Dissertation Advisor (AC)

Allex Desronvil, Teresa Eun

Doctoral Dissertation Co-Advisor (AC)

Olivia "Olive" Jin

Doctoral (Program)

Allex Desronvil, Terresa Eun, Olivia "Olive" Jin

Publications

PUBLICATIONS

- **Investigating the replicability of the social and behavioural sciences.** *Nature*
Tyner, A. H., Abatayo, A. L., Daley, M., Field, S., Fox, N., Haber, N. A., Hahn, K. M., Struhl, M. K., Mawhinney, B., Miske, O., Silverstein, P., Soderberg, C. K., Stankov, et al
2026; 652 (8108): 143-150
- **An Audit of Social Science Survey Experiments** *PUBLIC OPINION QUARTERLY*
Rauf, T., Voelkel, J., Druckman, J., Freese, J.
2025
- **An Updated Polygenic Index Repository: Expanded Phenotypes, New Cohorts, and Improved Causal Inference.** *Research square*
Alemu, R., Terskaya, A., Howell, M., Guan, J., Sands, H., Kleinman, A., Bann, D., Morris, T., Ploubidis, G. B., Fitzsimons, E., Harris, K. M., Caspi, A., Corcoran, et al
2025
- **An Updated Polygenic Index Repository: Expanded Phenotypes, New Cohorts, and Improved Causal Inference.** *bioRxiv : the preprint server for biology*
Alemu, R., Terskaya, A., Howell, M., Guan, J., Sands, H., Kleinman, A., Bann, D., Morris, T., Ploubidis, G. B., Fitzsimons, E., Harris, K. M., Caspi, A., Corcoran, et al
2025
- **The file drawer problem in social science survey experiments.** *Proceedings of the National Academy of Sciences of the United States of America*
Moniz, P., Druckman, J. N., Freese, J.
2025; 122 (12): e2426937122
- **The InterModel Vigorish (IMV) as a flexible and portable approach for quantifying predictive accuracy with binary outcomes.** *PLoS one*
Domingue, B. W., Rahal, C., Faul, J., Freese, J., Kanopka, K., Rigos, A., Stenhaus, B., Tripathi, A. S.
2025; 20 (3): e0316491
- **Online Nonprobability Samples** *ANNUAL REVIEW OF SOCIOLOGY*
Freese, J., Jin, O.
2025; 51: 109-128
- **The Urban Brain: Mental Health in the Vital City (Book Review)** *AMERICAN JOURNAL OF SOCIOLOGY*
Book Review Authored by: Freese, J.
2024; 129 (5): 1567-1569
- **Genetic influences on depression and selection into adverse life experiences.** *Social science & medicine (1982)*
Rauf, T., Freese, J.
2024; 344: 116633
- **Mechanism substitution in preventive innovations: Dissecting the reproduction of health inequalities in the United States.** *Social science & medicine (1982)*
Zapata-Moya, A. R., Freese, J., Bracke, P.
2023; 337: 116262
- **Happiness Scholarship and Redistributive Preferences** *SOCIAL PSYCHOLOGY QUARTERLY*
Rauf, T., Freese, J.
2023
- **Variation in Initial and Continued use of Primary, Mental Health, and Specialty Video Care among Veterans.** *Health services research*
Ferguson, J. M., Wray, C. M., Jacobs, J., Greene, L., Wagner, T. H., Odden, M. C., Freese, J., Van Campen, J., Asch, S. M., Heyworth, L., Zulman, D. M.

2022

- **Advances in transparency and reproducibility in the social sciences.** *Social science research*
Freese, J., Rauf, T., Voelkel, J. G.
2022; 107: 102770
- **Cognitive Capacity Genome-Wide Polygenic Scores Identify Individuals with Slower Cognitive Decline in Aging.** *Genes*
Joo, Y. Y., Cha, J., Freese, J., Hayes, M. G.
2022; 13 (8)
- **Birth order differences in education originate in postnatal environments.** *PNAS nexus*
Isungset, M. A., Freese, J., Andreassen, O. A., Lyngstad, T. H.
2022; 1 (2): pgac051
- **Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.** *Nature genetics*
Okbay, A., Wu, Y., Wang, N., Jayashankar, H., Bennett, M., Nehzati, S. M., Sidorenko, J., Kweon, H., Goldman, G., Gjorgjieva, T., Jiang, Y., Hicks, B., Tian, et al
2022
- **Binary contrasts for unordered polytomous regressors** *STATA JOURNAL*
Freese, J., Johfre, S.
2022; 22 (1): 125-133
- **Word Embeddings Reveal How Fundamental Sentiments Structure Natural Language** *AMERICAN BEHAVIORAL SCIENTIST*
van Loon, A., Freese, J.
2022
- **Polygenic Prediction Within and Between Families from a 3-Million-Person GWAS of Educational Attainment**
Okbay, A., Wu, Y., Wang, N., Jayashankar, H., Bennett, M., Nehzati, S., Sidorenko, J., Kweon, H., Goldman, G., Gjorgjieva, T., Jiang, Y., Tian, C., Ahlskog, et al
SPRINGER.2021: 730-731
- **Resource Profile and User Guide of the Polygenic Index Repository**
Becker, J., Burik, C. A. P., Goldman, G., Wang, N., Jayashankar, H., Bennett, M., Belsky, D. W., Linner, R., Ahlskog, R., Kleinman, A., Hinds, D. A., Caspi, A., Corcoran, et al
SPRINGER.2021: 694-695
- **Resource profile and user guide of the Polygenic Index Repository.** *Nature human behaviour*
Becker, J., Burik, C. A., Goldman, G., Wang, N., Jayashankar, H., Bennett, M., Belsky, D. W., Karlsson Linner, R., Ahlskog, R., Kleinman, A., Hinds, D. A., 23andMe Research Group, Caspi, A., et al
2021
- **Replicate Others as You Would Like to Be Replicated Yourself** *PS-POLITICAL SCIENCE & POLITICS*
Janz, N., Freese, J.
2021; 54 (2): 305–8
- **Reconsidering the Reference Category** *SOCIOLOGICAL METHODOLOGY, VOL 51, ISSUE 2*
Johfre, S., Freese, J.
edited by Melamed, D., Vuolo, M.
2021; 51 (2): 253-269
- **The diffusion of innovative diabetes technologies as a fundamental cause of social inequalities in health. The Nord-Trøndelag Health Study, Norway.** *Sociology of health & illness*
Weiss, D., Sund, E. R., Freese, J., Krokstad, S.
2020
- **Measuring the predictability of life outcomes with a scientific mass collaboration.** *Proceedings of the National Academy of Sciences of the United States of America*
Salganik, M. J., Lundberg, I., Kindel, A. T., Ahearn, C. E., Al-Ghoneim, K., Almaatouq, A., Altschul, D. M., Brand, J. E., Carnegie, N. B., Compton, R. J., Datta, D., Davidson, T., Filippova, et al

2020

- **Differential fertility makes society more conservative on family values.** *Proceedings of the National Academy of Sciences of the United States of America*
Vogl, T. S., Freese, J.
2020
- **Replication for Quantitative Research** *PRODUCTION OF KNOWLEDGE: ENHANCING PROGRESS IN SOCIAL SCIENCE*
Freese, J., Peterson, D.
edited by Elman, C., Gerring, J., Mahoney, J.
2020: 267-283
- **Genes, Gender Inequality, and Educational Attainment** *AMERICAN SOCIOLOGICAL REVIEW*
Herd, P., Freese, J., Sicinski, K., Domingue, B. W., Harris, K., Wei, C., Hauser, R. M.
2019; 84 (6): 1069–98
- **Personalized Medicine: Empowered Patients in the 21st Century? (Book Review)** *AMERICAN JOURNAL OF SOCIOLOGY*
Book Review Authored by: Freese, J.
2019; 125 (1): 308–9
- **Networks of problems: social, psychological, and genetic influences on health** *CURRENT OPINION IN PSYCHOLOGY*
Freese, J., Baer-Bositis, L.
2019; 27: 88–92
- **Networks of problems: social, psychological, and genetic influences on health.** *Current opinion in psychology*
Freese, J., Baer-Bositis, L.
2018; 27: 88–92
- **The Arrival of Social Science Genomics** *CONTEMPORARY SOCIOLOGY-A JOURNAL OF REVIEWS*
Freese, J.
2018; 47 (5): 524–36
- **The Emergence of Statistical Objectivity: Changing Ideas of Epistemic Vice and Virtue in Science** *SOCIOLOGICAL THEORY*
Freese, J., Peterson, D.
2018; 36 (3): 289–313
- **Schools as Moderators of Genetic Associations with Life Course Attainments: Evidence from the WLS and Add Health** *SOCIOLOGICAL SCIENCE*
Trejo, S., Belsky, D. W., Boardman, J. D., Freese, J., Harris, K., Herd, P., Sicinski, K., Domingue, B. W.
2018; 5: 513–40
- **Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals** *NATURE GENETICS*
Lee, J. J., Wedow, R., Okbay, A., Kong, E., Maghzian, O., Zacher, M., Tuan Anh Nguyen-Viet, Bowers, P., Sidorenko, J., Linner, R., Fontana, M., Kundu, T., Lee, C., et al
2018; 50 (8): 1112+
- **Schools as Moderators of Genetic Associations with Life Course Attainments: Evidence from the WLS and Add Health.** *Sociological science*
Trejo, S., Belsky, D. W., Boardman, J. D., Freese, J., Harris, K. M., Herd, P., Sicinski, K., Domingue, B. W.
2018; 5: 513-540
- **Genetic analysis of social-class mobility in five longitudinal studies** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Belsky, D. W., Domingue, B. W., Wedow, R., Arseneault, L., Boardman, J. D., Caspi, A., Conley, D., Fletcher, J. M., Freese, J., Herd, P., Moffitt, T. E., Poulton, R., Sicinski, et al
2018; 115 (31): E7275–E7284
- **Socioeconomic status and genetic influences on cognitive development** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Figlio, D. N., Freese, J., Karbownik, K., Roth, J.
2017; 114 (51): 13441–46

- **Fundamental causes of accelerated declines in colorectal cancer mortality: Modeling multiple ways that disadvantage influences mortality risk.** *Social science & medicine (1982)*
Clouston, S. A., Rubin, M. S., Chae, D. H., Freese, J., Nemesure, B., Link, B. G.
2017; 187: 1-10
- **What about the behavioral constellation of advantage?** *BEHAVIORAL AND BRAIN SCIENCES*
Freese, J.
2017; 40: e326
- **The Demographic and Political Composition of Mechanical Turk Samples** *SAGE OPEN*
Levay, K. E., Freese, J., Druckman, J. N.
2016; 6 (1)