

Xiang Zhou

Contact Information

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Employment

2016- Harvard University
Assistant Professor, Department of Government
Faculty Associate, Weatherhead Center for International Affairs
Faculty Affiliate, Harvard Institute for Quantitative Social Science
Faculty Affiliate, Harvard Center for Population and Development Studies
Faculty Affiliate, Fairbank Center for Chinese Studies

2015-2016 Princeton University
Postdoctoral Associate, Princeton Institute for International and Regional Studies
Postdoctoral Affiliate, Department of Sociology and Office of Population Research

Education

2015 PhD, Sociology and Statistics, University of Michigan
2011 M.A., Statistics, University of Michigan
2009 B.S., Mathematics and Physics (Minor in Economics), Tsinghua University

Research Interests

Quantitative Methods, Inequality, Contemporary China

Peer-Reviewed Articles

17. Zhou, Xiang, and Yu Xie. Conditionally Accepted. "Market Transition, Industrialization, and Social Mobility Trends in Post-Revolution China." *American Journal of Sociology*.

- Sørensen Student Travel Award, International Sociological Association Research Committee 28 on Social Stratification, August 2015.

16. Zhou, Xiang. Forthcoming. "Equalization or Selection? Reassessing the 'Meritocratic Power' of a College Degree in Intergenerational Income Mobility." *American Sociological Review*.
15. Zhou, Xiang, and Yu Xie. Forthcoming. "Heterogeneous Treatment Effects in the Presence of Self-Selection: A Propensity Score Perspective." *Sociological Methodology*.
14. Zhou, Xiang. 2019. "Hierarchical Item Response Models for Analyzing Public Opinion." *Political Analysis*.
13. Zhou, Xiang, and Geoffrey Wodtke. 2019. "A Regression-with-Residuals Method for Estimating Controlled Direct Effects." *Political Analysis*.
12. Zhou, Xiang, and Yu Xie. 2019. "Marginal Treatment Effects from a Propensity Score Perspective." *Journal of Political Economy*.
11. Zhou, Xiang, and Geoffrey Wodtke. 2019. "Income Stratification among Occupational Classes in the United States." *Social Forces*.
10. Bloome, Deirdre, Shauna Dyer, and Xiang Zhou. 2018. "Educational Inequality, Educational Expansion, and Intergenerational Income Persistence in the United States." *American Sociological Review*. 83 (6):1215-1253
9. Zhou, Xiang, and Yu Xie. 2016. "Propensity-Score-Based Methods versus MTE-Based Methods in Causal Inference: Identification, Estimation, and Application." *Sociological Methods and Research*. 45(1):3-40
8. Zhou, Xiang. 2015. "Shrinkage Estimation of Log Odds Ratios for Comparing Mobility Tables." *Sociological Methodology*. 45(1):320-356
7. Xie, Yu, Siwei Cheng, and Xiang Zhou. 2015. "Assortative Mating without Assortative Preference." *Proceedings of the National Academy of Sciences*. 112(19):5974-5978
6. Zhou, Xiang. 2014. "Increasing Returns to Education, Changing Labor Force Structure, and the Rise of Earnings Inequality in Urban China, 1996-2010." *Social Forces* 93(2):429-455
 - Outstanding Student Paper Award, North America Chinese Sociologists Association, 2013
5. Zhang, Chunni, Qi Xu, Xiang Zhou, Xiaobo Zhang, and Yu Xie. 2014. "Are Poverty Rates Underestimated in China? New Evidence from Four Recent Surveys." *China Economic Review* 31:410-425
4. Xie, Yu, and Xiang Zhou. 2014. "Income Inequality in Today's China." *Proceedings of the National Academy of Sciences* 111(19): 6928-6933
 - Featured in Bloomberg News, NBC News, the Wall Street Journal, etc.
3. Zhou, Xiang. 2012. "A Nonparametric Index of Stratification." *Sociological Methodology* 42(1): 365-388.
 - Clifford C. Clogg Best Student Paper Award, ASA Methodology Section, 2013
2. Xie, Yu, and Xiang Zhou. 2012. "Modeling Individual-level Heterogeneity in Racial Residential Segregation." *Proceedings of the National Academy of Sciences* 109(29): 11646-11651.
1. Wang, Yan-hui, Liang Hao, Xiang Zhou, Guilu Long. 2008. "Behavior of Quantum Coherence of Ξ -type Four-level Atom under Bang-Bang Control." *Optics Communications* 281(18): 4793-4799.

Working Papers

Wodtke, Geoffrey, Zahide Alaca, and Xiang Zhou. "Regression-With-Residuals Estimation of Marginal Effects: A Method of Adjusting for Treatment-Induced Confounders That May Also Be Moderators." Revise & Resubmit.

Zhou, Xiang, and Geoffrey Wodtke. "Residual Balancing Weights for Marginal Structural Models: with Application to Analyses of Time-varying Treatments and Causal Mediation." Under review.

Software

Zhou, Xiang. "strat: An Implementation of the Stratification Index."

<https://cran.r-project.org/web/packages/strat/>

Zhou, Xiang. "hIRT: Hierarchical Item Response Theory Models."

<https://cran.r-project.org/web/packages/hIRT/>

Zhou, Xiang. "localIV: Estimation of Marginal Treatment Effects using Local Instrumental Variables."

<https://cran.r-project.org/web/packages/localIV/>

Zhou, Xiang. "rbw: Implementation of Residual Balancing Weights for Marginal Structural Models."

<https://github.com/xiangzhou09/rbw>

Data Collection Projects

Xie, Yu, Siwei Cheng, Xiang Zhou. 2011-2016. "Three Waves of College Student Survey on Social Identity, Altruism, Career Choice at Renmin University of China"

Xie, Yu, Siwei Cheng, Xiang Zhou. 2014. "College Student Survey on Career Expectations, Friendship Choice, and Social Behaviors at the University of Michigan"

Selected Invited Talks

School of Public Administration Seminar Series, Tsinghua University, June 2018

Conference on China Studies, National Taiwan University, May 2018

East Asia Workshop, University of Chicago, May 2018

Political Methodology Speaker Series, MIT, April 2018

7th Annual JRCPPF Annual Conference, Princeton University, February 2017

Social Demography Seminar, Department of Sociology, Harvard University, October 2016

Fairbank Center 60th Anniversary Symposium, Fairbank Center for Chinese Studies, Harvard University, October 2016

Quantitative Social Science Colloquium, Princeton University, February 2016

Selected Conference Presentations

Zhou, Xiang. 2018. "Hierarchical Item Response Models for Analyzing Public Opinion." Annual Meeting of the American Sociological Association, Philadelphia, PA (August); and Annual Meeting of the American Political Science Association, Boston, MA (August).

Zhou, Xiang, and Yu Xie. 2018. "Heterogeneous Treatment Effects in the Presence of Self-Selection: A Propensity Score Perspective." Annual Meeting of the American Sociological Association, Philadelphia, PA (August).

Zhou, Xiang. 2018. "Residual Balancing: An Efficient and Robust Method of Constructing Weights for Marginal Structural Models." Annual meeting of the Society for Political Methodology, Provo, UT (July).

Zhou, Xiang. 2018. "Equalization or Selection? Reassessing the 'Meritocratic Power' of a College Degree in Intergenerational Income Mobility." Annual Meeting of the Eastern Sociological Association, Baltimore, MD (February); Annual Meeting of the Population Association of America, Boston, MA (May); and the Spring Meeting of International Sociological Association Research Committee 28 on Social Stratification in Seoul, South Korea (May).

Zhou, Xiang. 2017. "Hierarchical Item Response Models for Analyzing Public Opinion." Annual meeting of the Society for Political Methodology, Madison, WI (July).

Zhou, Xiang, and Yu Xie. 2015. "Market Transition, Industrialization, and Social Mobility Trends in Post-Revolution China." Annual Meeting of the American Sociological Association, Chicago, IL (August).

Zhou, Xiang. 2014. "Shrinkage Estimation of Log Odds Ratios for Comparing Mobility Tables." Annual Meeting of the American Sociological Association, San Francisco, CA (August).

Zhou, Xiang. 2014. "Increasing Returns to Education, Changing Labor Force Structure, and the Rise of Earnings Inequality in Urban China, 1996-2010." Annual Meeting of the Population Association of America, Boston, MA (May); and XVIII ISA World Congress of Sociology in Yokohama, Japan (July).

Zhou, Xiang. 2013. "The Rise of Earnings Inequality in Urban China, 1996-2010: Increasing Returns to Education, State Sector Shrinkage, and Composition Effects." Annual Meeting of the American Sociological Association, New York City, NY (August).

Zhang, Chunni, Qi Xu, Xiang Zhou, Xiaobo Zhang, and Yu Xie. 2013. "An Evaluation of Poverty Prevalence in China" SCERI-CCER 2013 Joint Conference, Beijing, China (July).

Zhou, Xiang. 2012. "A Nonparametric Index of Stratification." Annual Meeting of the American Sociological Association, Denver, CO (August).

Xie, Yu, Siwei Cheng, and Xiang Zhou. 2012. "Assortative Mating without Assortative Preference." Annual Meeting of the Population Association of America, San Francisco (May); and the Spring Meeting of International Sociological Association Research Committee 28 on Social Stratification in Hong Kong (May).

Xie, Yu, and Xiang Zhou. 2010. "Modeling Individual-Level Heterogeneity in Racial Residential Segregation." Annual Meeting of the American Sociological Association Section on Methodology, Urbana, IL (April).

Honors and Awards

Sørensen Student Travel Award, ISA Research Committee 28 on Social Stratification, 2015

Clifford C. Clogg Award, ASA Methodology Section, 2013

Outstanding Student Paper Award, North America Chinese Sociologists Association, 2013

Outstanding First Year PhD Student, Department of Statistics, University of Michigan, 2010

Teaching

Instructor, Harvard University

GOV 50, Introduction to Political Science Research Methods (Winter 2017)

GOV 2000, Quantitative Research Methodology (Fall 2017, Fall 2018)

GOV 2002, Causal Inference (Fall 2017)

GOV 3009, Applied Statistics Workshop (2017-2018)

Lab Instructor, University of Michigan

SOC 619, Categorical Data Analysis (Fall 2013)

Advising

Dissertation Committee Member: Christopher Lucas (Assistant Professor, Washington University in St. Louis, 2018-)

Professional Service

Harvard University

- Chair, Harvard East Asian Society Conference 2018
- Junior Faculty Search Committee, Department of Government, 2018
- Reviewer, Harvard-Yenching Institute Fellowship Program, 2017, 2018
- Discussant, Harvard Experimental Political Science Graduate Student Conference 2017
- Graduate Admissions Committee, Department of Government, 2017

University of Michigan

- Student Discussant, "Causal Analysis After Haavelmo: Definitions and a Unified Analysis of Identification of Recursive Causal Models"(by James Heckman and Rodrigo Pinto), Causal Inference Symposium 2012

American Political Science Association

- Discussant, "Administrative Data and Record Linkage," Annual Meeting 2018

American Sociological Association

- Discussant, "Quantitative Methodology," Annual Meeting 2015

The Society for Political Methodology

- Discussant, Annual Meeting 2018

Population Association of America

- Discussant, "Statistical Methods in Demographic Research," Annual Meeting 2017
- Chair and Discussant, "Inequality of Opportunity," Annual Meeting 2015

Editorial Board: *Sociological Methodology* (2017-)

Guest Editor: *Proceedings of the National Academy of Sciences*

Reviewer: *American Journal of Sociology, American Sociological Review, American Journal of Political Science, Chapman & Hall/CRC, China Economic Review, Comparative Political Studies, Demography, Demographic Research, European Sociological Review, Journal of Economic Surveys, Journal of Politics, Journal of the Royal Statistical Society A, Proceedings of the National Academy of Sciences, Research in Social Stratification and Mobility, Research Policy, Social Forces, Sociological Methodology, Sociological Methods & Research, Sociology of Education, Social Problems, The China Quarterly*

Professional Affiliations

American Political Science Association

American Sociological Association

The Society for Political Methodology

Population Association of America

International Sociological Association Research Committee on Social Stratification (RC28)