Jing Tao

Department of Economics

University of Washington

Box 353330, 305 Savery Hall

Seattle, WA, 98195-3330

Email: jingtao@uw.edu

Office: Savery 336

Phone : (206) 543-2582

Academic Position

Acting Assistant Professor of Economics, University of Washington	2015-2016
Assistant Professor of Economics, University of Washington	2016-
Adjunct Assistant Professor of Statistics, University of Washington.	2021-

Education

Ph.D. in Economics, University of Wisconsin-Madison

M.S. in Economics, Peking University

B.S. in Economics (with highest honor) and Mathematics, Peking University

Research and Teaching Fields

Primary: Econometrics

Secondary: Empirical Industrial Organization, Applied Microeconomics

Publications

1. Semi-Nonparametric Estimation of Random Coefficients Logit Model for Aggregate Demand, with Zhentong Lu and Xiaoxia Shi, forthcoming at *Journal of Econometrics*.

2. Partial Identification and Inference in Moment Models with Incomplete Data, with Yanqin Fan and Xuetao Shi, forthcoming at *Journal of Econometrics*.

3. Inference for Heterogeneous Treatment Effects for Observational Data with High -Dimensional Covariates, with Yumou Qiu and Xiao-Hua Zhou, *Journal of the Royal Statistical Society: Series B*, 83 (2021): 1016-1043.

4. Empirical Likelihood Ratio Tests of Conditional Moment Restrictions with Unknown Functions, *Journal of Business and Economic Statistics*, 39 (2021): 282-293.

5. Inference for High-dimensional Instrumental Variables Regression, with Johannes Lederer and David Gold, *Journal of Econometrics*, 217 (2020): 79-111.

6. Uniform Trinity Tests for Semi/Nonparametric GMM Models, *Journal of Multivariate Analysis*, 178 (2020):104-121.

Working Papers

1. Estimation and Inference for Partially Linear Models with Estimated Outcomes Using High-Dimensional Data, with Yang Ning and Sida Peng, R&R at *Journal of Econometrics*.

3. Semiparametric Estimation and Inference of High Dimensional Single-index Models, with Ruixuan Liu, *submitted*.

4. Flexible Estimation of Differentiated Product Demand Models Using Aggregate Data, with Amit Gandhi and Aviv Nevo.

5. Inference for Conditional Quantile Processes in Observational Studies with High-Dimensional Covariates, with Yumou Qiu and Xintao Xia.

6. On the Asymptotic Theory for Semi/Nonparametric GMM Models with Partial Identification.

7. Model Selection and Model Averaging in Nonparametric Instrumental Variables Models, with Chu-An Liu.

Seminar and Conference

2022-2023: Southern Economic Association Meeting (2022), CMStatistics (virtual), Big-Data, High-Dimensional Models, and Machine Learning Conference (UIUC), UW/Amazon Statistical Machine Learning & Causal Inference Round Table (UW), University of Texas-Austin, Texas A&M University, Duke University
2021-2022: Southern Economic Association Meeting (2021), Microsoft ML&Econometrics Meeting, Econometric Society Winter Meeting (virtual), Chinese University of Hong Kong
2020-2021: World Congress (virtual), Econometric Society Winter Meeting (virtual), CMStatistics (virtual, invited), UCSD, Harvard (biostat), UCLA
2019-2020: Econometric Society Summer Meeting (Seattle), UC-Irvine
2018-2019: NBER-NSF Conference on "Nonstandard Inference Problem" (Duke), Econometric Society Winter Meeting (Atlanta), Boston University
2017-2018: Co-organizer of Seattle-Vancouver Econometrics Conference, NBER-NSF Conference on "Nonstandard Inference Problem" (UCLA), Econometric Society Winter Meeting (Philadelphia), University of Hong Kong, Econometric Society Summer Meeting (UC-Davis)
2016-2017: SUFFE, Seattle-Vancouver Econometrics Conference, California Econometric Conference (BYU), Academia Sinica, Indiana U, Econometric Society Summer Meeting (U Penn), Econometric Society Asian Meeting (Hong Kong)
2015-2016: SVEC 2015 Conference, UCSD, UW (stat), Penn State
2014-2015: U Washington, UC Berkeley, U Toronto, Emory, UCL, Columbia, World Congress of the Econometric Society
2013-2014: North American Summer Meeting of the Econometric Society, Midwest Econometric Group Meeting