

Jin Yan

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Contact

Email: yanajin@amazon.com

Current Positions

Amazon, Core AI, USA
Economist, January 2022 –

The Chinese University of Hong Kong, Department of Economics, Hong Kong
Research Associate, October 2020 –

Past Positions

Amazon, Points Team, Tokyo, Japan
Economist, October 2020 – December 2021

The Chinese University of Hong Kong, Department of Economics, Hong Kong
Senior Lecturer, August 2019 – August 2020
Assistant Professor, August 2013 – July 2019

Education

Ph.D. in Economics, University of Wisconsin-Madison, 2013.
Dissertation Title: Essays on Semiparametric Estimation of Multinomial Discrete Choice Models (Committee: Bruce Hansen (Chair), Jack Porter, Xiaoxia Shi).
M.A. in Economics, Peking University, 2007.
B.S. in Mathematics, Zhejiang University, 2004.

Research Interests

Econometric Theory and Applied Econometrics
- discrete choice, dynamic choice, and rank-ordered choice data
- causal inference and experimental economics.

Publication

- “Semiparametric Estimation of the Random Utility Model with Rank-Ordered Choice Data,” (with Hong Il Yoo) *Journal of Econometrics* **211**, 2019, 414-438.

Working Papers (drafts available upon request)

- “Semiparametric Identification and Estimation of Multinomial Choice Models using Error Symmetry,” with Arthur Lewbel and Yu Zhou, 2021 (under review at Quantitative Economics).
- “Trapped in Idleness: The Experience of Young Men without Work in the United States,” with Yuci Chen and Xiaoyu Xia, 2021 (under review at Quantitative Economics).

- “Semiparametric estimation of risk preferences using experimental data,” 2019 (in progress).
- “Robust Estimation of Preference with Heteroskedastic and Heterogeneous Ranking Behavior,” 2016.
- “A Smoothed Maximum Score Estimator for Multinomial Discrete Choice Models,” 2015 (reject and resubmit at the Journal of Econometrics).
- “The Seemingly Unreliability of Rank-Ordered Data as a Consequence of Model Misspecification” with Hong Il Yoo, 2014.
- “Semiparametric Estimation of Multinomial Discrete Choice Models with Endogenous Regressors,” 2013.

Research Grants Awarded

- *Principle Investigator*, General Research Fund 2016/17 (GRF#14512716), “Robust Estimation of Preference with Heteroskedastic and Heterogeneous Ranking Behavior,” RGC, HK\$240,000, 01/01/2017-30/06/2018.
- *Principle Investigator*, General Research Fund 2014/15 (GRF#14413214), “Semiparametric Estimation of Stated Preference Discrete Choice Models,” RGC, HK\$157,203, 01/08/2014-31/07/2016.
- Co-Investigator, General Research Fund 2018/19 (GRF#14503018), “Does Idleness Beget Idleness? Disconnected Youth and the Stepping Stone from Community College to Work,” RGC, HK\$ 237,632, 01/11/2018-31/10/2020.
- Co-Investigator, Hong Kong Public Policy Research (PPR) Funding Scheme, “How to increase the Demand for Annuity in Hong Kong: A Study of Middle-Aged Adults,” HK\$767,917, 2015-2016.
- Co-Investigator, Social Science Collaborative Research Fund (SSCRF), “Capitalization of public transport accessibility in residential housing prices and the consequential gentrification and displacement in low-income neighborhoods,” HK\$200,000, 2015-2017.

Skills

Languages: English (fluent), Chinese (native).

Programming: Matlab, Stata, Python.

Referee Services

Economic Bulletin, Econometric Reviews, Journal of Econometrics, Journal of Business & Economic Statistics.

Visiting experiences

2015 August, Department of Economics, McGill University.

2018 May - August, Department of Economics, University of Wisconsin-Madison.

Seminar and Conference Presentations

2019: Xiamen University, Asia Meeting of the Econometric Society, China Meeting of the Econometric Society, Australasian Meeting of the Econometric Society, Academia Sinica, Renmin University of China.

2018: University of Wisconsin-Madison.

2017: National University of Singapore, Asia Meeting of the Econometric Society, Jinan University.

2016: Asia Meeting of the Econometric Society, China Meeting of the Econometric Society, the 12th International Symposium on Econometric Theory and Applications, the 2nd Guangzhou Econometrics Workshop.

2015: Tsinghua International Conference on Econometrics, Academia Sinica, Lingnan College Sun Yat-Sen University.

2014: The University of Hong Kong, China Meeting of the Econometric Society, European Meeting of the Econometric Society, Shanghai University of Finance and Economics.

2013: Bates White, Peking University (GSM), The Chinese University of Hong Kong, University of Pittsburgh, Louisiana State University.

Teaching

- The Chinese University of Hong Kong, Department of Economics, Hong Kong.
Econometrics and Statistics courses:
ECON 2121 Methods of Economic Statistics (undergrad), 2014 - 2018.
ECON 3121 Introductory Econometrics (undergrad), 2013 - 2019.
ECON 5121 Econometric Theory and Applications (postgrad), 2013, 2019.
Thesis courses:
ECON 2901 Guided Studies in Current Economic Problems I (undergrad), 2019.
ECON 4901 Guided Studies in Current Economic Problems II (undergrad), 2019.
- University of Wisconsin-Madison, Department of Economics, USA (Teaching Assistant or Head Teaching Assistant).
ECON 410: Introductory Econometrics, 2011 - 2012.
ECON 101: Principles of Microeconomics, 2008, 2010 - 2011.
ECON 102: Principles of Macroeconomics, 2009.
- Teaching Awards
Anna Morris Ely Teaching Award, University of Wisconsin-Madison, 2013.
University Housing Honored Instructor Award, University of Wisconsin-Madison, 2010.