Zhan Gao

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Education

Ph.D. Economics, University of Southern California, 2025 (Expected).

B.S. Mathematics & M.Phil. Economics, The Chinese University of Hong Kong, 2016 & 18.
 M.Phil. dissertation advisor: Zhentao Shi.

Research Fields

Econometrics, Applied Econometrics, Labor Economics.

Publications

2023 Identification and estimation of categorical random coefficient models (with M. H. Pesaran). *Empirical Economics*, 64(6), 2543–2588.

Copula graphic estimation of survival function with dependent censoring and its application to an analysis of pancreatic cancer clinical trial (with J. H. Jo, I. Jung, H. R. Moon, G. Ridder, & S. Y. Song). *Statistical Methods in Medical Research*, 32(5), 944-962.

2022 On LASSO for predictive regression (with J. H. Lee & Z. Shi). *Journal of Econometrics*, 229(2), 322 - 349.

2021 Implementing convex optimization in R: Two econometric examples (with Z. Shi). *Computational Economics*, 58, 1127-1135.

Conference & Seminar Presentations

2023 IAAE Annual Conference (Oslo), International Symposium on Advance in Panel Data and Time Series Econometrics (Xiamen), USC

2022 California Econometrics Conference (Stanford University, poster session), 97th Annual Conference of WEAI (Portland)

Teaching Experience

Selected Teaching Assistant Experience at USC

ECON 609 (Ph.D.) *Econometric Methods*, Spring 2022 & Spring 2023.

ECON 570 (Master) *Big Data Econometrics*, Spring 2023.

ECON 611 (Ph.D.) *Probability and Statistics*, Fall 2022.

ECON 419 (Undergrad.) *Advanced Econometrics*, Fall 2019 & Fall 2020.

Professional Services

Referee Services

Journal of Business & Economic Statistics, Journal of Economic Interaction & Coordination

Organizing Committee

Southern California Graduate Conference in Applied Economics, 2020.

Honors, Fellowships & Awards

Summer Research Award (USC), 2022, 2023.

Center for Applied Financial Economics Graduate Fellowship (USC), 2021.

Zhiyuan Scholarships (Soong Ch'ing-ling Funds), 2011 - 2015.

Talent Development Scholarships (Hong Kong Government), 2014, 2016.

1978 Mathematics Alumnus Li Sze-lim Scholarships (CUHK), 2015.

Champion of International Chinese Debating Competition (team member of CUHK), 2014.

Skills & Personals Information

Computing: R (Packages: `classo` and `LasForecast`), `MATLAB`, `Python`, `Julia`.

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

Citizenship: China; Permanent resident, Hong Kong SAR, China.

Last updated on July 2, 2023