Zhan Gao

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Education

Ph.D. Economics, University of Southern California, 2024 (Expected).

B.S. Mathematics & M.Phil. Economics, The Chinese University of Hong Kong, 2016 & 18.

Research Fields

Econometrics, Applied Econometrics, Labor Economics.

Publications

1. Gao, Z. & Pesaran, M. H. (2023) Identification and estimation of categorical random coefficient models. *Empirical Economics*.

2. Jo, J. H., Jung, I., Moon, H. R., Ridder, G. & Song, S. Y. (2023) Copula graphic estimation of survival function with dependent censoring and its application to an analysis of pancreatic cancer clinical trial. *Statistical Methods in Medical Research*.

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

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

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.

Conference & Seminar Presentations

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

Professional Services

Referee Services

Journal of Economic Interaction & Coordination

Organizing Committee

Southern California Graduate Conference in Applied Economics, 2020.

Honors, Fellowships & Awards

Summer Research Award (USC), 2022.

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 February 28, 2023