TAO WANG

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Employment

University of Victoria — British Columbia, Canada
Assistant Professor, Department of Economics — July 2022-

Education

Ph.D., Economics, University of California, Riverside — June 2022
M.A., Economics, Virginia Tech, Blacksburg — December 2016

Research Areas

Econometrics, Nonparametric Statistics, Machine Learning

Publications

JOURNAL ARTICLES

- "Nonlinear Modal Regression for Dependent Data with Application for Predicting COVID-19" (with Ullah, A. and Yao, W.), ***Journal of the Royal Statistical Society Series A***, 2022, forthcoming.
- "Modal Regression for Fixed Effects Panel Data" (with Ullah, A. and Yao, W.), ***Empirical Economics***, 2021, 60, 261-308.
- "A Machine Learning Strategy for Autism Screening in Toddlers" (with Achenie, L. E. K., Scarpa, A., Factor, R. S., Robins, D. L., and McCrickard, S.), ***Journal of Development*** & ***Behavioral Pediatrics***, 2019, 40 (5), 369-376.

OTHERS

- "Discussion of 'Vintage Factor Analysis with Varimax Performs Statistical Inference' ", ***Journal of the Royal Statistical Society Series B***, 2022, forthcoming.
- "Discussion of 'Modeling the COVID-19 Infection Trajectory: A Piecewise Linear Quantile Trend Model' ", ***Journal of the Royal Statistical Society Series A***, 2021, forthcoming.

Working Papers

"Semiparametric Partially Linear Varying Coefficient Modal Regression" (with Aman Ullah and Weixin Yao), *Revise and Resubmit* at ***Journal of Econometrics (2nd Round)***

"Parametric Modal Regression with Autocorrelated Error Process", *Revise and Resubmit* at ***Statistica Sinica***

"Endogeneity in Modal Regression"

Awards and Honors

Dissertation Year Program Fellowship, UC Riverside	2021
Dean's Distinguished Fellowship, UC Riverside	2017-2022
Teaching Fellowship, Virginia Tech	2015-2016
"Fu Rong" Academic Scholarship, Hunan Youth Development Foundation, China	2014
National Scholarship, Ministry of Education, China	2012, 2013

Conference and Seminar Presentations

2022: CFE-CMStatistics (Scheduled, *Invited*), AMES in China (Scheduled), CES (Scheduled), ESAM (Scheduled), AFES, CEA Conference, California Econometrics Conference, ASSA (Poster Session), University of Victoria, Queen Mary University of London, Ca' Foscari University of Venice, California Polytechnic State University at San Luis Obispo, Newcastle University, NEOMA Business School

2021: CFE-CMStatistics (*Invited*), SEA, CES, International Workshop Spatial Econometrics and Statistics, ISI WSC, IAAE Annual Conference, Bernoulli-IMS World Congress in Probability and Statistics, WEAI International Conference, AFES, AMES, LAMES, EEA-ESEM, JSM, RSS International Conference, RCEA Money, Macro & Finance Conference, Bristol Econometric Study Group, CEA Conference, RCEA Time Series Workshop, NBER-NSF Time Series Conference (Poster Session), UCR Econometrics Seminar, Bangor University

2020: Econometric Society World Congress

Teaching Experience

UC Riverside

Graduate Mini-Statistics	Summer 2020, 2021
Managerial Economics	Summer 2019, 2021
Intermediate Macroeconomic Theory	Summer 2021

Professional Activities

Conference: Session Chair (Econometric Methods)-WEAI 96th Annual Conference
Session Chair (Rational Behavior)-11th RCEA Money-Macro-Finance Conference
Session Chair (Simultaneous Equations)-2021 Latin American Meeting of the ES

Referee for: *Review of Economics and Statistics*, *Econometric Reviews*, *Journal of Multivariate Analysis*, *Journal of Quantitative Economics*, *Journal of Business Cycle Research*, *Australian & New Zealand Journal of Statistics*, *Statistical Methods & Applications*, *Journal of Business Economics and Management*, *Econometrics*