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

Research Areas

Econometrics, Nonparametric Statistics, Machine Learning

Publications

- "Semiparametric Partially Linear Varying Coefficient Modal Regression" (with Ullah, A. and Yao, W.), 2022+, ***Journal of Econometrics***, forthcoming.
- "Discussion of 'Modeling the COVID-19 Infection Trajectory: A Piecewise Linear Quantile Trend Model' ", 2022+, ***Journal of the Royal Statistical Society Series A***, forthcoming.
- "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, 185 (3), 1424-1453.
- "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 Developmental & Behavioral Pediatrics***, 2019, 40 (5), 369-376.

Working Papers

"Parametric Modal Regression with Autocorrelated Error Process", *R&R* at ***Statistica Sinica***

"SPLVC Modal Regression with Error-Prone Linear Covariate"

"Nonparametric Estimation of Modal Volatility Function with Variance Reduction"

"Endogeneity in Modal Regression" (with Aman Ullah)

"Spatial Modal Regression" (with Weixin Yao)

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*), ESAM (Scheduled), CES, AMES in China, AFES, CEA Conference, California Econometrics Conference (Poster Session), 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, Freddie Mac, Bangor University

2020: Econometric Society World Congress

Teaching Experience

University of Victoria

ECON 548 Applied Econometric Modelling (Graduate)	Spring 2023
ECON 366 Econometrics: Part II (Undergraduate)	Spring 2023

University of California, Riverside

ECON 2681 Mini-Statistics (Graduate)	Summer 2020, 2021
ECON 162 Managerial Economics (Undergraduate)	Summer 2019, 2021
ECON 105B Intermediate Macroeconomic Theory (Undergraduate)	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*, *Review of Development Economics*, *Econometric Reviews*, *Journal of Multivariate Analysis*, *Econometrics*, *Australian & New Zealand Journal of Statistics*, *Statistical Methods & Applications*, *Environmental Science and Pollution Research*, *China Agricultural Economic Review*, *Journal of Quantitative Economics*, *Journal of Business Cycle Research*, *Journal of Business Economics and Management*, *Applied Sciences*, *Mathematics*, *Electronics*