

TAO WANG

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Department of Economics
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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
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RESEARCH AREAS

Econometric Theory, Nonparametric Statistics, Machine Learning, Applied Econometrics

PUBLICATIONS

- “Semiparametric Partially Linear Varying Coefficient Modal Regression” (with Ullah, A. and Yao, W.), 2022+, *Journal of Econometrics*, 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.

OTHERS

- “Discussion of ‘Modeling the COVID-19 Infection Trajectory: A Piecewise Linear Quantile Trend Model’ ”, 2022+, *Journal of the Royal Statistical Society Series A*, forthcoming.

WORKING PAPERS

“Parametric Modal Regression with Autocorrelated Error Process”, *R&R* at *Statistica Sinica*
“Online Kernel-Based Mode Learning for Big Data”
“Nonparametric Estimation of Modal Volatility Function with Variance Reduction”
“SPLVC Modal Regression with Error-Prone Linear Covariate”
“Modal Regression Discontinuity Designs (with Aman Ullah)”
“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

- 2023:** (Scheduled) University of California Riverside, University of Victoria (Statistics), International Society for Business and Industrial Statistics (Invited), WEAI Annual Conference, International Conference on Econometrics and Statistics
- 2022:** University of Iowa (Scheduled), 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, ESAM, CES, AMES in China, AFES, CEA Conference, California Econometrics Conference (Poster Session), ASSA (Poster Session)
- 2021:** Bangor University, University of California Riverside, Freddie Mac, 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)
- 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

University of Victoria: Department Seminar Committee

Department Working Paper Series Coordinator

Chair of Oral Examination of MSc Candidate (Psychology)

Conference: Session Organizer (Econometric Modeling with Time Series)-EcoSta 2023

Session Organizer (Machine Learning in Economics)-WEAI 98th Annual 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, Entropy*