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References

Prof. Jack Porter (chair)
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Prof. Harold Chiang
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Education

Ph.D. in Economics, University of Wisconsin-Madison, 2022 (expected)

M.S. in Economics, University of Wisconsin-Madison, 2019

M.S. in Statistics, Oregon State University, 2016

B.A. Economics & B.S. Mathematics, Seattle University, 2014

Job Market Paper

“Alternative Power Analysis in Econometric Models”

Publications

Staying at Home: Mobility Effects of COVID-19, with John Stromme and Anson Zhou, *Covid Economics: Vetted and Real-Time Papers*, Issue 4, 86-102, April 2020

Offline training for improving online performance of a genetic algorithm based optimization model for hourly multi-reservoir operation, with Duan Chen, Arturo S. Leon, Claudio Fuentes, and Qiuwen Chen, *Environmental modelling & software*, Volume 96, 46-57, October 2017

Working Papers

“Alternative Power Analysis in Econometric Models” (Job market paper) ([link](#))

Work in Progress

“Heteroskedastic-robust variance estimators for heavy-tailed data”

“Robust Wald tests via sample splitting”

“Improved testing in partially linear models with many regressors”

Teaching Experience

University of Wisconsin-Madison:

Spring 2021: MS Econometrics II (ECON 705), TA

Fall 2020: PhD Math Camp/Math for Economists (ECON 703), TA

Fall 2019: PhD Econometrics I (ECON 709), TA

Fall 2017: Economic Approach to Current Issues (ECON 100), TA

Fall 2016, Spring 2017: Principles of Macroeconomics (ECON 102), TA

Oregon State University:

Fall 2015: Introduction to Statistical Methods (ST 351), TA

Fall 2014, Winter 2015, Spring 2015: Principles of Statistics (ST 201), TA

Other Experience

2017- Statistical Consulting Group, College of Agricultural and Life Sciences, University of Wisconsin-Madison

Presentations

2021 UW Madison Job Market Mini-conference
2020 UW Madison Econometrics Student Workshop
2019 UW Madison Econometrics Student Workshop

Fellowships and Awards

2021 Alice S. Gengler Dissertation Fellowship, University of Wisconsin-Madison
2018 Summer Research Fellowship, University of Wisconsin-Madison
2017 Juli Plant Grainger Outstanding TA Award, University of Wisconsin-Madison

Research Experience

2018-19, 2020 Research assistant to Prof. Mikkel Sølvsten, University of Wisconsin-Madison
2018 Research assistant to Prof. Bill Sandholm, University of Wisconsin-Madison

Refereeing Activity

American Economic Review: Insights, Journal of Population Research, World Medical & Health Policy

Additional Information

Programming: R, Stata, C++