

Zheng Li

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Education

- Ph.D. in Economics, Texas A&M University, 2017
- M.A. in Economics, University of Waterloo, 2012
- B.A. in Mathematics, Shanghai Jiao Tong University, 2011
- B.A. in Finance, Shanghai Jiao Tong University, 2011

Current Position

Assistant Professor, North Carolina State University, 2017-

Publications

1. [The Incentive Game under Target Effects in Ridesharing: A Structural Econometric Analysis](#), (with Xirong Chen, Liu Ming and Weiming Zhu), *Manufacturing & Service Operations Management*, 2021.
2. [Nonparametric Estimation and Inference of Production Risk](#), (with Roderick M. Rejesus and Xiaoyong Zheng), *American Journal of Agricultural Economics*, 2021.
3. [Nonparametric Estimation of Conditional Quantile Regression Functions with Mixed Discrete and Continuous Data](#), (with Degui Li and Qi Li), *Journal of Business & Economic Statistics*, 2021.
4. [A Modified Bootstrap for Kernel-Based Specification Test with Heavy-Tailed Data](#), (with Ta-Cheng Huang and Hongjun Li), *Economics Letters*, 2020.
5. [Nonparametric Estimation of Conditional Quantile Functions in the Presence of Irrelevant Covariates](#), (with Xirong Chen, Degui Li and Qi Li), *Journal of Econometrics*, 2019.
6. [A Data-Driven Bandwidth Selection Method for the Smoothed Maximum Score Estimator](#), (with Xirong Chen and Wenzheng Gao), *Economics Letters*, 2018.
7. [Nonparametric Knn Estimation with Monotone Constraints](#), (with Qi Li and Guannan Liu), *Econometric Reviews*, 2017.
8. [Optimal Smoothing in Nonparametric Conditional Quantile Derivative Function Estimation](#), (with Wei Lin, Zongwu Cai and Li Su), *Journal of Econometrics*, 2015.
9. [Profile Least Squares Estimation of a Partially Linear Time Trend Model with Weakly Dependent Data](#), (with Li Su and Daiqiang Zhang), *Economics Letters*, 2014.

Working Papers

1. Nonparametric Identification and Inference of First-Price Auctions with Heterogeneous Bidders.
2. Estimating Demand Stickiness Due to Rational Inattention, (with Xirong Chen, Haoying Sun and Haipeng Chen).

Work in Progress

1. Predicting Box Office Performance of Sequel Movies Using Generalized Functional Additive Model, (with Yuxin Chen, Wei Lin and Yanfei Wang).
2. A Semiparametric Method to Explore the Relationship Between Yield and Planting Density, (with Lulu Pi, Roderick M. Rejesus and Xiaoyong Zheng).
3. Evaluating the Treatment Effects of Increased Down Payment Rate on Housing Prices, (with Cheng Hsiao and Hongjun Li).

Research Grants

Non-laboratory Scholarship/Research Support Program, NCSU. \$11,111, Co-PI, 2019

Non-laboratory Scholarship/Research Support Program, NCSU. \$19,800, PI, 2019

National Institute of Food and Agriculture, USDA, \$499,912, PI, 2020

Advising

Ph.D. Chair/Co-Chair: Shuyang Wang (2019, Gerald A. Carlson Outstanding Ph.D. Dissertation Award)

Ph.D. Committee Member: Jiaqi Qi (2018), Feifei Liang (2018), Zhongyuan You (2019), Dylan Bouchard (2020), Caiqin Wang (2020), Ruixue Wang (2020), Siqi Zhang (2020), Xun Lu (2021), Eve Oh (in progress), Zhaochen Sun (in progress), Luming Chen (in progress, Department of Statistics), Dasom Lee (in progress, Department of Statistics), Qun Sui (in progress, Department of Statistics), Bryant Kanies (in progress, Department of Nuclear Engineering)

Master's Committee Member: Yasin Yildirim (in progress)

Teaching

Microeconometrics (Ph.D.), Big Data Econometrics (Master's)

Professional Service

Referee: (1) *Agricultural Economics*, (2) *Econometric Reviews* ×3, (3) *Journal of Econometrics*, (4) *Economic Modelling*, (5) *Journal of Agricultural and Resource Economics*, (6) *Econometrics and Statistics*, (7) *Sustainability* ×2, (8) *Energies* ×3, (9) *Applied Economics Letters*, (10) *Journal of Econometric Methods*, (11) *Journal of Systems Science and Systems Engineering*, (12) *Standards*, (13) *China Economic Review*, (14) *Journal of Business & Economic Statistics*

Abstract reviewer: AAEA Annual Meetings, 2018

AAEA topic leader: Research Methods/Econometrics/Stats, 2022

Treasurer: Econometrics Section, Agricultural and Applied Economics Association, 2021-2022

Conferences and Seminars

- 2021 AAEA Annual Meeting
- 2018 University of Cincinnati, AAEA Annual Meeting
- 2017 Nanyang Technological University, University of Glasgow, North Carolina State University,
Midwest Econometrics Group, Triangle Econometrics Conference
- 2016 POMS Annual Conference, Shanghai Jiao Tong University, INFORMS Annual Meeting,
Annual Meeting of the Decision Sciences Institute
- 2015 Texas Camp Econometrics, Midwest Econometrics Group

Honors and Awards

- Honorable Mention, Best Paper Award, Chinese Scholars Association for Management Science and Engineering, 2017
- Summertime for Advancement in Research (STAR) Award, Texas A&M University, 2016
- Bradley Fellow in the Private Enterprise Research Center, Texas A&M University, 2015-2016

Last updated: February 22, 2022