

Yanchao Yang

PROFESSIONAL SUMMARY

- Solid empirical and theoretical background in micro and macroeconomic modeling
- 4 + years' experience in analyzing complex big data, including public health data, national-wide survey data
- Advanced quantitative and analytical skills in using econometric methods and machine learning techniques
- 3 working papers about public health issues and policy analysis
- Strong communication skills demonstrated by 4+ years' experience of teaching economic courses

EDUCATION

Ph.D. in Economics (STEM), University of California, Riverside	June 2021 (Expected)
❖ Dean's Distinguished Fellowship	
M.A. in Economics, University of California, Riverside	2017
❖ GPA: 3.66 / 4	
B.S. in Financial Mathematics, Shanghai Finance University, Shanghai China	2015
❖ Ranked 1st in class with GPA: 3.71 / 4	

RESEARCH INTERESTS

Health Economics, Public Policy, Applied Econometrics, Machine Learning, Causal Inference

WORKING PAPERS

The Economics of Psychological Well-being: Evidence from the United States Using Machine Learning Methods (Job Market Paper)

- Conducted a comprehensive empirical analysis of the relationship between psychological health and economic behaviors
- Innovatively used machine learning methods to precisely recognize individuals with disadvantaged psychological well-being

The Effect of Medical Marijuana Law (MML) on Infant health

- Performed the causal analysis of MML on infant health
- Addressed difficult endogeneity problem by using a newly proposed econometric method

The Puzzling Decline in Birth Weight in the U.S.

- Analyzed the impact of the national-wide changes in obstetrical procedure on the decline in birth weight
- Handled and Analyzed a very large population-level birth record data

TEACHING EXPERIENCE

Lecturer (Teaching Evaluation Score: 4.87/5) - ***Economic Development: Theory and Policy***

- ❖ Independently prepared for syllabus, powerpoints, homework, and exams
- ❖ Guided students to write research papers
- ❖ Demonstrated excellent verbal and written communication skills

Teaching Assistant (Teaching Evaluation Score: 6.45/7) - ***Introduction and intermediate level microeconomics, macroeconomics, and econometrics***

- ❖ Ability to handle multiple teaching tasks with changing deadlines
- ❖ Efficiently worked with instructors and other teaching assistants

SKILLS

- **Econometrics:** forecasting using machine learning methods, causal analysis using instrumental variables, regression discontinuity, and difference-in-differences frameworks
- **Software:** STATA (Expert), Matlab, R, Eviews, Python, Microsoft Office
- **Language:** English (Fluent), Mandarin (Native)