NANYIN YANG

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SKILLS

Research Skills : Experimental design; Survey design; Statistical analysis; Causal inference; Economic modeling; Power calculation; Optimization; Text mining; Machine learning.

Computational Skills: Python; Stata; R; MATLAB; HTML; SQL.

EDUCATION

Ph.D., Economics, Texas A&M University	*Aug. 2018 - May 2024 (Expected)*
M.S., Economics, University of Wisconsin at Madison	*Aug. 2016 - Dec 2017*
B.A., Economics, Sun Yat-sen University	*Aug. 2012 - June 2016*
Exchange student, Sociology, University of California at Berkeley	*Aug.–Dec. 2014*

SELECTED RESEARCH PROJECTS

How Does Humanizing Virtual Assistants Affect the Propensity to Follow Their Advice?
* Led an end-to-end project studying the impact of the humanization design of virtual assistants on users' behaviors from research design to end report production;
* Designed and conducted an online experiment on a crowd-sourced platform engaging 1300 + participants to uncover valuable insights into user interactions with humanized virtual assistants;
* Presented at national conferences in the US and Germany.

The Unintended Consequences of Patients' Active Participation: Theory and Experiment
* Developed a theoretical model and designed an experiment with Python-based interactive programs to address the challenge of causal inference in the study of patient-doctor relationships;
* Conducted an experiment with 400 + participants to investigate the causal effect of patients' autonomy on doctors' performance;
* Produced a single-authored job market paper; Presented findings at national conferences, providing policy recommendations advocating for institutional changes.

The Evolution of Risk Attitudes: A Panel Study of the University Years.
* Played a pivotal role in an interdisciplinary team to conduct a five-year longitudinal survey tracking 2000+ participants, investigating the stability of risk tolerance;
* Directed the data management and data analysis, integrating survey data with Census data and COVID-19 data to perform individual-level analysis;
* Produced a research paper causally identifying the effects of personal exposure to COVID-19 on changes in risk attitude.

PROFESSIONAL EXPERIENCE

Department of Economics, Texas A&M University *2018 - Current*
Instructor / Teaching Assistant
* Designed and delivered lectures on experimentation, causal inference, and report writing;
* Designed novel in-class experiments using interactive experimental platforms to enhance active learning.

GRANTS AND AWARDS

Int. Foundation for Research in Experimental Economics Research Fund ($2,000)	*2023*
National Science Foundation Doctoral Dissertation Improvement Award ($25,000)	*2022*