

Yuanzhe Liu

Ph.D. Student in Economics

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Education

UCSB Economics Ph.D. 2019-2024 (expected)

UW-Madison Econometrics and Quantitative Economics Master 2017-2019

**Award:** Best second year paper

RIT Computational Mathematics and Economics B.A. 2014-2017

**Award:** Dean's List Cum Laude

International Student Scholarship

**Research Interests** 

Econometrics Machine learning Macroeconomics

**Skills** 

• **Programming language:** Python, R, C++, SQL, Stata, Matlab

• Other: CFA Level I passed

#### **Selected works**

# • The impact of Covid on small business: From foot traffic data (In progress)

The Covid pandemic has a disproportionally negative impact on local small businesses. Small businesses are more vulnerable to negative economic shocks; it is usually more challenging for them to get help and fully recover from shocks. Even though the federal government offers forgivable paycheck protect program (PPP) loans to them, there are still a significant amount of local vendors who went out of business during the past twelve months.

#### • Loss and regret aversion in survey design (In progress)

As a researcher who would like to get the most responses from the prize money that they promised to reward to participants, they could utilize some behavioral economic theory to guide the survey design. I propose three possible approaches that could be applied individually or simultaneously.

## • The effect of Trucking industry Deregulation on Truck Drivers' Wage

We assess the impact of intrastate trucking industry deregulation on the for-hire sector market. In the 1980s, several states removed regulation on intrastate truck transportation, which intensified competition, and had a tremendous impact on the market structure of the trucking industry and the labor market of truck drivers. We use the difference in difference specification to identify the effect of deregulation of intrastate trucking industry on the trucking market and for-hire sector drivers wage.

## **Experience**

Teaching Assistant UCSB 10/2019-present

(Microeconomics, Statistics)

Risk Management Internship Quantum Financial Service (Beijing) 05/2017-08/2017

Teaching Assistant RIT 08/2016-05/2017

(Calculus I and II)