

# YIQU LIU

## Curriculum Vitae

Champaign, IL — yiquil3@illinois.edu — (217) 305-1425 — www.yiquiliu.com

### EDUCATION

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*Doctor of Philosophy, Economics* 2020 - 2025  
University of Illinois at Urbana-Champaign, Champaign, IL  
Research Field: Health Economics; Public Economics; Applied Micro-econometrics

*Master of Science, Policy Economics* 2018 - 2020  
University of Illinois at Urbana-Champaign, Champaign, IL

*Bachelor of Economics, Finance* 2014 - 2018  
Zhongnan University of Economics and Law, Wuhan, China

### JOB MARKET PAPER

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#### **Equally Married, Equally Benefited: Same-sex Marriage, Health Insurance, Labor Market, and Social Security**

**Abstract:** This paper analyzes the economic impacts of same-sex marriage (SSM) legalization in the United States through an analysis of the Supreme Court decisions in *United States v. Windsor* (2013) and *Obergefell v. Hodges* (2015). Employing a difference-in-differences approach, I evaluate changes in health insurance coverage, labor market outcomes, and social security benefits among same-sex couples (SSCs). Relative to opposite-sex couples, results indicate that federal recognition increased SSCs' overall insurance coverage by 2.63%, primarily via improved coverage in employer-sponsored insurance by 5.01%. At the same time, social security benefits increase following the ruling by 13.4%. The study highlights the economic benefits of understudied *United States v. Windsor* (2013), even in states without legalization prior to *Obergefell v. Hodges* (2015). Relative to SSCs in SSM-already-legal states, SSCs in not-yet-legal states responded with an increase in insurance coverage by 8.02% and in employer-sponsored insurance by 4.75% post-2013. A 1.934-hour reduction in weekly working hours, and a 15.2% less social security income received are also recorded. The results underscore the profound implications of marriage policy interactions between state and federal levels on minority behaviors in insurance and labor markets.

### WORK IN PROGRESS

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#### **Mental Health Effect of the COVID Citywide Lockdown: A Double ML Estimation**

**Abstract:** This paper contributes to the growing literature studying the mental health outcomes during the COVID-19 pandemic, and offers further empirical evidence of the negative mental health impact of citywide lockdowns by studying the lockdown happened in Shanghai, People's Republic of China during April, and May 2022. Both my baseline OLS and Double Machine Learning (DML) estimation shows that Baidu searches among locked down Shanghai residents of keywords including "depression" and "anxiety" statistically significantly increased during the citywide lockdown. Baidu searches on "suicide" shows mixed results, indicating potential heterogeneity among residents.

#### **The Impact of Medicaid Expansion on Health Insurance Coverage and Health Outcome**

**Abstract:** The Affordable Care Act (ACA) of 2010 expanded the eligibility of the Medicaid, which proves to significantly promote the insurance coverage of all Americans. This paper focuses on the dynamic effect of the change in policy using a staggered Differences-in-differences method, as well as the heterogeneous responses from groups that implemented the expansion later in time. I documented additional evidence that the ACA expansion on Medicaid eligibility improved the health insurance take-up rate by at least 6.7%, and the effects are persistent over a longer period. At the same time, later expansion states exhibited smaller improvements.

### CONFERENCE/SEMINAR PRESENTATIONSS

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**5\*Applied Micro Research Lunch, University of Illinois at Urbana-Champaign** 2022 - 2024  
**3\*Job Market Research Seminar, University of Illinois at Urbana-Champaign** 2023 - 2024  
**The 12th Annual Midwest Graduate Student Summit on Applied Economics, Regional and Urban**

## TEACHING

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### Teaching Assistant

2019 - 2024

University of Illinois at Urbana-Champaign

Intermediate Macroeconomics (Undergraduate, Fall 2024)

List of Teachers Ranked as Excellent By Their Students (Spring 2024)

Macroeconomic Principles (Undergraduate, Fall 2020 - Spring 2024)

Microeconomics (Graduate, Spring 2019 - Fall 2019)

Strategic Innovation (Graduate, Fall 2018 - Spring 2019)

## HONORS AND CERTIFICATIONS

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The Omicron Delta Epsilon International Honor Society in Economics

IBM Data Science Professional Certificate

## PROFESSIONAL SKILLS

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### Language

Mandarin Chinese (Native), English (Full professional proficiency)

### Skill

STATA, Python, SQL, L<sup>A</sup>T<sub>E</sub>X, SPSS

## REFERENCES

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### Alexander W. Bartik

Assistant Professor of Economics, Department of Economics

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