

Han Ng

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Citizenship: Malaysia

Education

Ph.D. Economics, The Pennsylvania State University, 2018-2024 (expected)

MSc. Econometrics and Mathematical Economics, London School of Economics and Political Science, Distinction, 2015-2016

BSc. Econometrics and Mathematical Economics, London School of Economics and Political Science, First Class Honours, 2012-2015

Field of Interest

Applied Microeconomics, Health Economics, Industrial Organization

Research

Work in Progress

"Selection under Risk Adjustments: Evidence from US Deceased Donor Kidney Transplant", August 2023 (Job Market Paper)

Abstract: Does performance score incentivize healthcare providers to improve their quality of service? To study this question, I use data from US deceased donor kidney transplants and analyze Medicare's Condition of Participation (CoP), a policy that fines transplant centers if their risk-adjusted death rate exceeds a cutoff. I present preliminary evidence that after the introduction of CoP, the post-transplant death rate fell by 40%. Using a difference-in-difference framework, I show that the improvements in death rates are coming from transplant centers avoiding high-risk transplants instead of improving their quality of service. Moreover, I show that after the policy was implemented, patients waited longer and were more likely to die off the waitlist. I interpret these findings as evidence that CoP incentivizes transplant centers to be more conservative in their treatment strategy instead of improving their quality of service.

"Do transplant centers change strategies after poor performance?", August 2023 (Best 3rd year paper)

Abstract: Transplant centers with risk adjusted death rates above a cutoff are flagged for poor performance and risk losing Medicare funding. In this paper, I use a sharp regression discontinuity design to study centers' response to being flagged for poor performance. Contrary to the existing literature, I find no evidence to suggest flagged centers reduce (increase) the transplant of high (low) risk kidneys or waitlist younger, less obese or non-diabetic patients.

Experience

Research Experience

Research Assistant for Karl Schurter, The Pennsylvania State University, Summer 2020

Research Assistant for Davin Chor, National University of Singapore, 2017 - 2018

Research Assistant for Walter Theseira, Land Transport Authority, Singapore, 2016 - 2017

Teaching Experience

Teaching Assistant, The Pennsylvania State University

Empirical Methods in Economics, 2021-2022, 2022-2023

Awards

Neil Wallace Award (Best 3rd year paper in Economics), Penn State

Language and Skills

Languages: Chinese (native), Bahasa (native), English (fluent)

Computer: Python, Stata, Matlab, Julia

References

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<https://hanloong7.github.io/cv/>