

SHRATHINTH VENKATESH

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SUMMARY

Economist/Applied micro-econometrician with a track record of consistently and creatively solving a diverse set of problems. Experienced with analysing survey data and medical claims data from public and private insurance providers. Implemented a wide variety of empirical strategies to examine changes in labour market outcomes, health outcomes and their effects. Drawn robust conclusions from limited data and indirect treatment observation.

EDUCATION

University of Wisconsin - Milwaukee

(Expected) 2021

PhD in Economics

Focus : *Labor Economics, Economics of Education, Health Economics*

PES Institute of Technology, India

2013

BE in Mechanical Engineering

Focus : *Material Science*

EXPERIENCE

Graduate Research Assistant

August 2017 - December 2019

College of Nursing, Department of Economics

University of Wisconsin - Milwaukee

- Assessed the impact of the PERISCOPE perinatal health intervention using claims data from Medicaid and private insurance providers in Wisconsin.
- Used propensity score matching and difference-in-differences regressions to find an increase in prescription use and a reduction in emergency costs.
- Used machine learning techniques including random forest, decision tree and K-nearest neighbours in R for variable selection and testing.
- Reported the results of our study in non-technical language.
- Communicated and worked with health professionals to create appropriate empirical models.

Graduate Teaching Assistant

August 2014 - May 2020

Department of Economics

University of Wisconsin - Milwaukee

- Taught a diverse set of students with a wide range of technical backgrounds.
- Clearly communicated technical statistics and econometrics.
- Taught data analysis using R and STATA to undergraduate and graduate students with little prior knowledge.
- Had full control of 4 different courses across 8 semesters.

TECHNICAL STRENGTHS

Skills

Tools

Proficient

Familiar

Applied econometrics, Machine learning, Data Analysis

STATA, R, Matlab, L^AT_EX

Python, SQL, SAS, SPSS, E-Views, JAVA, C++

PRESENTATIONS AND HONORS

Midwest Economic Association Annual Meeting, St.Louis, MO	2019
Wisconsin Economics Association Annual Meeting, Stevens Point, WI	2019
University of Wisconsin - Milwaukee Economics Labor Lunch	2019
University of Wisconsin - Milwaukee Applied Microeconomics group	2019
Richard Perlman Prize for Outstanding Paper in Labor Economics	2018
University of Wisconsin - Milwaukee Chancellors Graduate student award	2014 & 2015

RESEARCH

"Changes in education's effect on job sorting"	(In Progress)
"The Emerging College Hours Premium for Men"	(Under Review)
"Estimating the Effects of the Periscope Project" with SJ Adams & JJ Doering	(In Progress)
"The Returns to Drinking: Workers or Jobs?" with SJ Adams, JS Heywood & D Ullman	(In Progress)
"Are the Returns to Education Still Rising?"	2019
"Changes in the Returns to Education : Evidence from Three Cohorts of the NLSY"	2019

PROFESSIONAL SERVICE

Midwest Economic Association Annual Meeting, St. Louis, MO	<i>Discussant</i>	2019
Graduate Student Applied Microeconomics Group, UWM	<i>Co-organizer</i>	2019

PROFESSIONAL ASSOCIATIONS

American Economic Association
Midwest Economic Association

REFERENCES

Provided upon request.