

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.

EXPERIENCE

Statistician Intermediate

University of Michigan - Ann Arbor

August 2021 - Present

Graduate Research Assistant

College of Nursing, Department of Economics

August 2017 - December 2019

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 a 20% increase in pre-prescription use and a \$310 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.

Lecturer

Department of Economics

September 2020 - May 2021

University of Wisconsin - Whitewater

- Taught basic principles of statistics and statistical analysis using Excel.
- Created content to engage students and allow easy understanding of complex statistics concepts.

Graduate Teaching Assistant

Department of Economics

August 2014 - May 2020

University of Wisconsin - Milwaukee

- Taught a diverse set of students with a wide range of technical backgrounds.
- Clearly communicated statistics and econometric theory, with the express purpose of applying it to analyze real data.
- Taught data analysis using R and STATA to undergraduate and graduate students with little prior knowledge.
- Designed the syllabus and structure of four different courses over 8 semesters.

EDUCATION

University of Wisconsin - Milwaukee

PhD in Economics

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

2021

PES Institute of Technology, India

2013

BE in Mechanical Engineering
Focus : *Material Science*

TECHNICAL STRENGTHS

Skills		Applied econometrics, Machine learning, Data Analysis
Tools	<i>Proficient</i>	STATA, R, Matlab, L ^A T _E X
	<i>Familiar</i>	Python, SQL, SAS, SPSS, E-Views, JAVA, C++

RESEARCH

<i>“The Emerging College Hours Premium for Men”</i>	<i>(Forthcoming at Education Economics)</i>
<i>“The Returns to Drinking: Social Workers or Social Jobs?”</i>	with SJ Adams, JS Heywood & D Ullman
<i>Under Review</i>	
<i>“Are the Returns to Education Still Rising?”</i>	<i>Working Paper</i>
<i>“Changes in the Returns to Education : Evidence from Three Cohorts of the NLSY”</i>	<i>Working Paper</i>
<i>“A Methodological Approach for Evaluating Economic Effects of Perinatal Psychiatric Provider Consultation”</i>	with SJ Adams, JJ Doering CL Wichman, S Kuehn & A Laszewski
	<i>In Progress</i>
<i>“Changes in education’s effect on job sorting”</i>	<i>In Progress</i>

PRESENTATIONS AND HONORS

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

PROFESSIONAL SERVICE

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

PROFESSIONAL ASSOCIATIONS

American Economic Association
Midwest Economic Association

REFERENCES

Provided upon request.