

Jae Yu Jung

Curriculum Vitae

ABSTRACT

Do EV Charging Stations Care about Electricity Rates

This paper examines the relationship between electricity rate plans and EV charging station installations. I match the number of EV charging stations in a zip code area to commercial electricity tariffs of investor-owned utility companies in the United States from 2015 to 2022. Then, I use the synthetic control difference in differences method and the local projection difference in differences method and to estimate how newly introduced EV-related electricity tariffs affected EV charging station entries.

PERSONAL DETAILS

Institute: Department of Economics, Michigan State University

Address: 486 W. Circle Drive, 110 Marshall-Adams Hall, East Lansing, MI 48824-1038

Birth: October 18, 1991

Phone: (517) 775-6292

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FIELDS OF INTEREST

Applied Microeconomics, Environmental Economics

EDUCATION

Ph.D. of Economics, Dual Major Environmental Science & Policy	2019 - present
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Michigan State University

Master of Economics	2016 - 2019
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Seoul National University

Bachelor of Economics, <i>Summa Cum Laude</i>	2010 - 2016
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Seoul National University

SKILLS

Languages

Korean (mother tongue), English (fluent)

Software

PYTHON, STATA, R, MATLAB, L^AT_EX

RESEARCH EXPERIENCE

Research Assistant for Prabhat Barnwal, Michigan State University	Spring 2024
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Research Assistant for Oren Ziv, Michigan State University	Fall 2022
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Research Assistant for Jihong Lee, Seoul National University	Jul. 2018 - Aug. 2019
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Research Assistant for Center for National Competitiveness, Seoul National University	Jul. 2016 - Jan. 2017
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TEACHING EXPERIENCE

Teaching Assistant, Public Finance, Michigan State University	Spring 2023
Teaching Assistant, Survey of International Economics, Michigan State University	Fall 2022
Teaching Assistant, Public Finance, Michigan State University	Spring 2022
Instructor, Intermediate Macroeconomics, Michigan State University	Fall 2021
Instructor, Economics of Sports, Michigan State University	Summer 2021
Teaching Assistant, Public Finance, Michigan State University	Spring 2021
Teaching Assistant, Quantitative Methods II, Michigan State University	Spring 2021
Teaching Assistant, Microeconomics I, Michigan State University	Fall 2020
Teaching Assistant, Intermediate Macroeconomics, Michigan State University	Spring 2020
Teaching Assistant, Intermediate Microeconomics, Michigan State University	Fall 2019
Teaching Assistant, Market Design Theories and Applications, Seoul National University	Spring 2018
Teaching Assistant, Microeconomics, Seoul National University	Spring 2018
Teaching Assistant, Introductory Statistics for Economists, Seoul National University	Fall 2016

WORK EXPERIENCE

Econ. Grad. Lab RA, Michigan State University	Fall 2023
Proctoring Coordinator, Michigan State University	Fall 2023
Proctoring Coordinator, Michigan State University	Spring 2023
Proctoring Coordinator, Michigan State University	Fall 2022

ACTIVITIES

Expected to present in the Western Economic Association International 100th Annual Meetings	June 2025
Expected to present in the Midwest Economic Association 89th Annual Meetings	March 2025
Expected to present in the Eastern Economic Association 51st Annual Conference	February 2025
Presented in the Missouri Valley Economic Association 61st Annual Conference	October 2024
Presented in the ESPP Student Research Symposium	October 2024
Presented in the MSU/UM Energy, Environmental Economics Day	August 2024
Presented in the Western Economic Association International 99th Annual Conference	June 2024
Participated in a Biweekly Microeconomics Theory Study Group, supervised by Jihong Lee	Summer 2018
Participated in a Weekly Machine learning Study Group, supervised by Yoon-Jae Whang	Winter 2017
Participated in a Biweekly Microeconomics Theory Study Group, supervised by Jihong Lee	Winter 2017
Participated in a Biweekly Microeconomics Theory Study Group, supervised by Jihong Lee	Summer 2017
Guarding former president Young-sam Kim, Republic of Korea Auxiliary Police	Feb. 2013 - Nov. 2014

HONORS, AWARD AND FELLOWSHIPS

Lillian Kumata Scholarship	Spring 2025
The Mary Louise Gephart Donnell Fellowship!	Spring 2025
Lillian Kumata Scholarship	Fall 2024
Council of Graduate Students Conference Award	2024
Peter Schmidt Award	2020
ESPP Doctoral Recruiting Fellowships	Fall 2019-Spring 2020
Summa Cum Laude	2016
Lecture & Research Scholarship	Spring 2018
Brain Korea 21 Plus	Fall 2017
Brain Korea 21 Plus	Spring 2016-Fall 2016
The Next Century Humanities Scholarship	Spring 2015-Fall 2015
The Next Century Humanities Scholarship	Spring 2010-Fall 2012