

Jieun Lee

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Education

- Ph.D., Economics, University of Colorado Boulder, Boulder, CO, May 2023 (Expected)
 - M.A., Economics, University of Colorado Boulder, Boulder, CO, May 2019
 - M.A., Economics, Ewha Womans University, Seoul, Korea, August 2017
 - Concentration in Industrial Organization
 - B.A., Economics & Psychology, Ewha Womans University, Seoul, Korea, August 2014
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Research Interests

- **Labor Economics**
 - **Applied Microeconomics**
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Job Market Paper

Effects of a National Work Hours Restriction in a High Hours Country

This paper examines the effect of a new maximum work hour restriction introduced in South Korea in 2018 that limited maximum working hours from 68 h/week to 52 h/week. I use difference-in-differences analysis with continuous treatment measuring the prevalence of those working longer than 52 h/week prior to the policy change across industry-occupation-education groups. I find that the policy reduces work hours while increasing monthly earnings and hourly wages for male full-time workers. However, I find that the policy does not significantly affect total work hours, total employment, and total worker pay at the industry-occupation-education group level.

Publications

"Effects of a national work hours restriction in a high hours country.", IZA Journal of Labor Policy, Vol.12, No.1, 2022, Pp.-.

Working Papers

Housing Wealth Effects on Household Decisions (Draft, October 2022)

This paper examines the effect of a positive housing wealth shock on married couples' decisions on labor supply, fertility, and education spending by exploiting regional housing price variation from 2003 to 2008 in South Korea. My difference-in-differences and triple difference estimation results show generally weaker housing wealth effects than those in literature: no housing wealth effect on labor force participation, employment, and fertility, and a net positive housing wealth effect on education spending for children. Further analysis suggests that strict regulations on Loan-To-Value (LTV) ratio and Debt-To-Income (DTI) ratio during the period of housing appreciation may prevent significant housing wealth effects from arising as many homeowners have little access to home equity loans under the regulations.

Works in Progress

- The Effects of Korea's High School Leveling Policy on School Choice and Labor Market Earnings
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Awards, Fellowships & Scholarships

- Graduate School Summer Fellowship (University of Colorado Boulder, 2022)
 - Sieglinde Talbott Haller Endowed Economics Scholarship (Department of Economics, University of Colorado Boulder, 2021)
 - Richard C. Meckley Graduate Fellowship (Department of Economics, University of Colorado Boulder, 2020)
 - Leslie Whittington Memorial Fellowship for Excellence in Economics (Department of Economics, University of Colorado Boulder, 2019)
 - Prize in Macroeconomics (Department of Economics, University of Colorado Boulder, 2018)
 - Prize in Econometrics (Department of Economics, University of Colorado Boulder, 2018)
 - Appenzeller Memorial Scholarship (International Foundation for Ewha Womans University, Inc., 2018)
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Teaching Experience

Teaching Assistant at University of Colorado Boulder

- Principles of Microeconomics, Fall 2017
- Principles of Macroeconomics, Spring 2018

Graduate Tutor at University of Colorado Boulder

- Microeconomic Theory 1 & Macroeconomic Theory 1, Fall 2018
- Microeconomic Theory 2 & Macroeconomic Theory 2, Spring 2019

Instructor of Record at University of Colorado Boulder

- Intermediate Macroeconomic Theory, Fall 2019, Spring 2020, Fall 2020, Fall 2021, Spring 2022
 - Intermediate Microeconomic Theory, Spring 2021
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Projects

Predictions of Apartment Prices

- Collected xml format files of the transaction data for apartment sales in Seoul from January 2006 to December 2020 by using Python.
 - Built machine learning models to predict apartment prices in Seoul based on apartment and location features.
 - Trained supervised learning models such as Regressions, Random Forest, Gradient Boosting Decision Tree, along with hyperparameters chosen through Cross Validation.
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Software Skills

- Stata
 - R
 - Python
 - SQL
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Languages

- Korean (Native)
 - English (Fluent)
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References

Advisor

Professor Terra McKinnish
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