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Personal Information

Citizenship: South Korean
Gender: Female
Date of Birth: May 3, 1989
Visa: F1

Undergraduate Studies:

B.B.A. in Business Administration, Korea University, 2014

Master Level Work:

M.S. in Policy Economics, University of Illinois at Urbana-Champaign, 2016

Graduate Studies:

University of Pennsylvania, 2016 to present.
Thesis Title: "Essays in Labor Economics"
Expected Completion Date: May 2022

Thesis Committee and References:

Professor Holger Sieg (Co-advisor)
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Research Fields:

Applied Microeconomics, Labor Economics, Public Economics, Applied Econometrics

Teaching Experience:

Fall, 2018	Introductory Economics for Business Students, UPenn, TA for Prof. Gizem Saka
Spring, 2018	Econometrics II (1 st year Ph.D. course), UPenn, TA for Prof. Francis Diebold

Research Experience and Other Employment:

2018-Present	Research Assistant and Sponsored Ph.D. Student, Penn Wharton Budget Model, The Wharton School, University of Pennsylvania
Summer, 2020	Research Assistant for Prof. Corinne Low, The Wharton School, University of Pennsylvania

Professional Activities:

Referee	International Economic Review
Presentations	Penn Wharton Budget Model, University of Pennsylvania

Honors, Scholarships, and Fellowships:

2021-2022	Maloof Family Dissertation Fellowship in Economics, University of Pennsylvania.
2017	Award for Best Preliminary Examination in Econometrics, University of Pennsylvania

Research Papers:

“Job Flexibility and Household Labor Supply: Understanding Gender Gaps and the Child Penalty”
(JOB MARKET PAPER)

[*“Using Monotonicity Restrictions to Identify Models with Partially Latent Covariates”*](#)
with Wayne Gao, Andrew Postlewaite, and Holger Sieg

This paper develops a new method for identifying econometric models with partially latent covariates. Such data structures arise in industrial organization and labor economics settings where data are collected using an “input-based sampling” strategy, e.g., if the sampling unit is one of multiple labor input factors. We show that the latent covariates can be nonparametrically identified, if they are functions of a common shock satisfying some plausible monotonicity assumptions. With the latent covariates identified, semiparametric estimation of the outcome equation proceeds within a standard IV framework that accounts for the endogeneity of the covariates. We illustrate the usefulness of our method using a new application that focuses on the production functions of pharmacies. We find that differences in technology between chains and independent pharmacies may partially explain the observed transformation of the industry structure.

Research Papers in Progress:

“Self-Employment Decisions and Household Risk Sharing”

Computational Skills:

MATLAB, R, Stata, Python, Git