

Contact Information

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309 dong 710 ho, Gangil Riverpark, 40, Arisu-ro 93-gil, Gangdong-gu, Seoul, Korea

Education

Seoul National University

M.A. Economics

Seoul, South Korea

2015 - present

Korea Advanced Institute of Science and Technology (KAIST)

B.Sc. Mathematics, Minor: Economics, Financial Engineering

Daejeon, South Korea

2009 - 2014

- Magna Cum Laude

Research Experiences

Bargaining Power Changes and CEO Pay Inequality (in progress, with Jihee Kim)

Co-author

Jan 2015 - Present

Abstract

Inequality within the top of the income distribution in the United States has increased over the last three decades. The top executives, who form the largest group in the top of the income distribution, have seen the same trend in their pays while the inequality in the firm size distribution has been relatively constant (Zipfs law). This is puzzling if CEO pays are assumed to be tied to the firm size. In this paper, we show that the gap between the CEO pay distribution and the firm size distribution can arise from the changes in the compensation bargaining structure. In particular, we present a theoretical model where the board of directors weakening bargaining power can be a channel through which the CEO pay distribution departs from the firm size distribution and becomes more unequal.

Research Assistant of Professor Jee-Hyeong Park

RA, Seoul National University

July 2016 - Feb 2017

”Measuring the change on impact of a Japanese patents on the diffusion of knowledge across the world”

- Analyzed patent-citation network based on U.S. PTO database and provided a graphical illustration of regional localization in citation links.
- Evaluated patent impact of Japanese patents on patents over the world and decomposed the impact by countries and industries.

Data Analyst at Project BudgetWiser

KAIST

June 2014 - June 2015

”Design of Budgetary Information System Using Government 3.0 Data”

- Designed and statistically analyzed multiple laboratory studies on budget visualization system to measure the effectiveness of the system in raising citizens’ awareness about government budget.
- Designed and conducted a survey on public perception and opinion regarding Seoul city’s budget.

Publications

Journals

- "Bond Spreads, Market Integration and Contagion in the 2007-2008 Crisis,"
Jae-Young Kim, Dong-Hyun Ahn, & Eun-Young Ko,
Seoul Journal of Economics 2017, Vol. 30, No. 1

Conference Papers

- "BudgetMap: Engaging Taxpayers in the Issue-Driven Classification of a Government Budget,"
Nam Wook Kim, Jonghyuk Jung, Eun-Young Ko, Songyi Han, Chang Won Lee, Juho Kim, & Jihee Kim,
CSCW 2016: ACM Conference on Computer-Supported Cooperative Work and Social Computing
- "Factful: Engaging Taxpayers in the Public Discussion of a Government Budget,"
Juho Kim, Eun-Young Ko, Jonghyuk Jung, Chang Won Lee, Nam Wook Kim, & Jihee Kim,
CHI 2015: ACM Conference on Human Factors in Computing Systems.
Honorable Mention Award (top 5%)

Posters

- "BudgetMap: Issue-Driven Navigation for a Government Budget,"
Nam Wook Kim, Chang Won Lee, Jonghyuk Jung, Eun-Young Ko, Juho Kim, & Jihee Kim,
CHI 2015 Extended Abstracts

Teaching Experience

Advanced Topics in Econometrics: Time Series Analysis

Graduate course, Teaching Assistant, Seoul National University *Fall 2016*

- Instructed weekly TA sessions on Bayesian estimation methods and basic estimation method of time series model such as VAR, SVAR, GMM, ARCH, VECM.

Studies in Economic Statistics

Graduate course, Teaching Assistant, Seoul National University *Spring 2016*

- Instructed weekly TA sessions on basic probability theory, measure theory, and topics in mathematical statistics including hypothesis testing, asymptotic properties.

Calculus II

Undergraduate course, Undergraduate Teaching Assistant, KAIST *Fall 2013*

- Instructed weekly TA sessions on multivariate calculus

General Physics II

Undergraduate course, Undergraduate Tutor, KAIST *Fall 2013*

- Instructed weekly tutoring sessions with two freshman students.

Calculus II

Undergraduate Tutor, KAIST *Fall 2012*

- Instructed weekly tutoring sessions with two freshman students.

Honors & Awards

Second Prize, 14th Annual Economic Research Competition

by Korean Economic Association and The Korea Economic Daily

Fall 2016

Honorable Mention Award (top 5%)

CHI 2015: ACM Conference on Human Factors in Computing Systems

Spring 2015

Encouragement Award

KAIST Scientific Writing Competition

Fall 2010, Spring 2013

Social Science Korea Research Assistant Scholarship

Seoul National University

Fall 2016

Brain Korea 21 Research Scholarship

Seoul National University

Fall 2015-Spring 2016

The National Scholarship for Science and Engineering

Korea Student Aid Foundation

Spring 2009-Spring 2014

Bourses d'excellence Philas Accueil de la Rgion Picardie

Conseil regional de Picardie (France)

Spring 2013

Undergraduate Student Scholarship program

KFAS (Korea Foundation for Advanced Studies)

Spring 2009-Spring 2013

Extracurricular Activities

Weekly Seminar on Complex/Network Economics

Participant and Presenter, Seoul National University

June 2016 - Feb 2017

- Reviewed papers in complex economics and network economics - financial contagion, shock propagation on input-output sectoral relation, network effect in learning and job searching.

Weekly Undergraduate Seminar on Economics

Seminar leader, KAIST

Spring 2014 - Fall 2014

Topics

- "A Study of Economic Paradigm Shifts by the Changes in Production Resources and Its Lessons for Modern Economic Problems"
- "Study of Social Inequality and Policy Implications"

Skills

Computer Skills

- Extensive experience in MATLAB; Familiar with Fortran, Python and JAVA

Statistic Software

- STATA and E-views

Language

- Korean: Native
- English: Professional working proficiency (Reading, Listening); Limited working proficiency (Writing, Speaking)