

# SON, WOOHUN

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## EDUCATION

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### **Ohio State University, Columbus, Ohio**

*Ph.D., Economics, Department of Economics*

*Passed Qualifiers*

*Aug 2022 - present*

*June 2023*

### **Korea University, Seoul, Korea**

*MA, Economics, Department of Economics*

*Mar 2019 - Feb 2022*

### **Korea University, Seoul, Korea**

*BA, Korean history (Major) and Economics (Minor), Department of Korean History*

*Mar 2012 - Feb 2019*

## RESEARCH INTERESTS

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**Decision Theory, Econometrics, Non-EU Theory, Income mobility, Economic History (East Asia), Social unrest (suicide, dispute)**

## RESEARCH EXPERIENCE

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### **“A Study of Income Mobility in Korea (1998~2018)” (MA Thesis)**

*Spring 2022*

- The existing income mobility literature can be classified into the ‘Mobility per se approach’ and the ‘Social welfarist approach.’ The former tends to put the ‘Complete Random’ as the most mobile state, while the latter values the ‘Complete Reversal’ or finds distinct welfaric meanings for each of three directions (‘Complete Immobile’-‘Complete Random’- ‘Complete Reversal’). Directional mobility indices which calculate mobility for each direction are needed to resolve the conflict between ‘Complete Random’ and ‘Complete Reversal’ in the problem of the most mobile state. This study presents cursory sets of directional income mobility indices using the Fréchet-Hoeffding bounds for joint distribution functions. A general increase in immobility was found in the application of the existing indices and the introduced directional mobility indices to KLIPS and NaSTaB data. The mobility indices that put ‘Complete Random’ as the most mobile state indicated the decrease in the ‘Complete Random’ direction throughout 1997~2018. However, the directional mobility indices that use the empirical distribution function show the mobility increase in the ‘Complete Random’ direction after the global financial crisis (2008). The ‘Complete Reversal’ mobility was relatively low and showed slight fluctuations.

## RESEARCH ASSISTANCE EXPERIENCE

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### **Graduate RA for Prof. Paik, Christopher (Ph.D. in Political Economics, Stanford University), New York University Abu Dhabi**

*Oct 2021-Present*

- Gathered data of rural provinces in pre-modern Korea (Shilla period) and Japan (Kamakura-Muromachi period) and organized historical records written in the Chinese characters in a panel data form into excel for the project: “Old Rural Economies-A Comparison Study”.
- Searched for appropriate models and variables that associate with the sites of Jinjas (Shinto shrines) the economic history papers that focus on sites of shrines for the project: “Shrines as Instruments of Domination-A Long-term Study of Jinjas in Colonial Korea”.

## TEACHING ASSISTANCE EXPERIENCE

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### **TA for Prof. Park, Sangsoo (Ph.D., Vanderbilt University (2008))**

*Fall 2019, Spring 2020, Fall 2020*

- Undergraduate Econometrics1(taught in English), KU
- Two hours of question & answer session every week, taught in English for foreign students

### **TA for Prof. Lee, Samho (Ph.D., University of Pennsylvania (2004))**

*Spring 2021*

- Undergraduate Theory of Taxation(English), KU

**Teaching Fellow for Prof. Kim, Jinyoung (Ph.D., University of Chicago (1994))**

*Spring 2020, Spring 2021*

- Undergraduate Principles of Economics1, KU

## SKILLS AND LANGUAGES

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**Programming:** R, python, julia, MATLAB, Stata, L<sup>A</sup>T<sub>E</sub>X, Quantum Geographic Information System (QGIS), Github  
**Language:** English (proficient), Korean (Native)  
**Literate Skill:** Chinese Character (proficient, Chinese Character Proficiency Test First Class)  
**Best GRE scores:** Verbal 159, Quant 169, Writing 4

## SCHOLARSHIP & AWARDS

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**Korea University Alumni Association (KUAA) Scholarship**

*Fall 2016*

- Given to undergraduate students with leadership (due to activities as a chief reporter of the student council of Korean history major)

**Brain Korea (BK) 21 Plus Graduate Student Scholarship**

*Spring 2019, Fall 2019, Fall 2020*

- Given to graduate students with academic excellence

**TA Scholarship**

*Fall 2019, Spring 2020, Fall 2020, Spring 2021*

**Excellence Award at MA Thesis Presentation Contest from BK 21 FOUR in KU**

*Mar 2022*