

JIYOUNG KIM

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Education

Ph.D Economics	Mcgill university <i>Fall 2021-</i>
M.A Economics	Yonsei university <i>Mar 2019-Feb 2021</i>
B.A Quantitative Risk Management and Economics	Yonsei university <i>Mar 2014-Aug 2018</i>

Working Papers

Firm-level Workforce Composition and Firm Dynamics

Jiyoung Kim

Predicting Labor Force Types

Rui Castro, Jiyoung Kim, Fabian Lange, Jérôme Larivière and Markus Poschke

Research Experience

Research Assistant: Predicting Labor Force Types.	Mcgill university <i>Summer 2023-</i>
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- Cluster workers into types given high-frequency prime age labor market experiences.
- Uses long panel survey data: NLSY (National Longitudinal Survey of Youth)
- Predicting the weakly attached types given early age information, demographics, education, health, labor market experience, etc.
- Joint work with Rui Castro, Fabian Lange, Jérôme Larivière and Markus Poschke

Research Assistant	KDI (Korean Development Institution) <i>August 2014- April 2016</i>
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- Knowledge Sharing Program (KSP)
- Economic policy consulting program with Belize

Presentations

Canadian Economics Association	Toronto Metropolitan University <i>31, May, 2024</i>
CIREQ Lunch Seminar	McGill University <i>4, Nov, 2025</i>
19th QICSS Emerging Excellence Conference	IRNS <i>30, Apr, 2026</i>
20th CIREQ-CIRANO PhD Students' Conference	CIRANO <i>19, May, 2026</i>
Canadian Economics Association	Simon Fraser University <i>29, May, 2026</i>
T2M Student Workshop Program	HEC Montreal <i>1, June, 2026</i>

Teaching Experience

Econ 208: Microeconomics Analysis & Application <i>TA</i>	Mcgill university <i>Fall 2022</i>
Econ 450: Advanced Economic Theory 1 <i>TA</i>	Mcgill university <i>Winter 2023, 2024, 2025, 2026</i>
Econ 332: Macroeconomic Theory-Majors 1 <i>TA</i>	Mcgill university <i>Fall 2024</i>

Econ 209:Macroeconomic Theory-Majors 1

TA

Mcgill university

Fall 2025

Econ 354: Macroeconomics-Honours 2

TA

Mcgill university

Winter 2026

Personal Projects

Economic Theory and application in Python

- Hopenhayn Model
- Bootstrap
- Delta hedging
- Principal component analysis

Deep learning theory and application in python

- Basic of DL models in Tensorflow
- Image analysis in Tensorflow
- Text analysis in Tensorflow
- Variational Autoencoder in Tensorflow

Technical Skills

Languages: Korean, English, Spanish

Developer Tools: Python, MATLAB, STATA

Technologies/Frameworks: Tensorflow, Keras