

# Curriculum Vitae

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## CONTACT INFORMATION

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## FIELDS OF INTEREST

Kihwan's primary research interest lies in scrutinizing the unintended and unexplored consequences of the government's interventions on producers and precisely evaluating policies. More specifically, his research focuses on evaluating the policy effects on the market structure and the changes in producers' behavior and finance. Since he pursues to conduct original and inventive research, he relishes utilizing novel data collection methods such as web-scraping and cutting-edge econometric techniques based on quasi-experimental approaches, as well as making a considerable effort to relate them with traditional economic theories. His ultimate objective is to support decision-making on agricultural and food policy.

**Keywords** Agricultural and Food Policy; Agribusiness/Firm Behavior; Industrial Organization/Market Structure; and Agricultural Finance/Welfare

## EDUCATION

- Ph.D., Agricultural Economics* Jan. 2023 - Present  
· Kansas State University, KS, the United States
- M.A., Economics (Agricultural and Resource Economics)* Feb. 2019  
· Seoul National University, Seoul, Republic of Korea  
· Thesis: *Analysis on The Effect of Minimum Wage Increase on Welfare of Agricultural Production Sector*
- B.A., Economics (Agricultural and Resource Economics)* Feb. 2017  
· Kangwon National University, Chuncheon, Republic of Korea  
· Thesis: *Analysis of Halal Food Market in Major Countries and The Market Strategy to Expand Korea's Exportation*  
· Double Major: Psychology

## AWARDS

1. **Outstanding Article Award**, Korean Agricultural Economics Association  
Jul. 2022
2. Encouragement Article Award, Rural Development Administration Oct. 2018
3. **Outstanding bachelor's Thesis Award**, Department of Agricultural and Resource Economics, Kangwon National University Dec. 2016

## RESEARCH EXPERIENCE

- Researcher**, Korea Rural Economic Institute Aug. 2020 - Jul. 2022
- Analyzed and managed the scanner data from offline retailers
  - Analyzed and web-scraping of the data from online retailers
  - Researched the industrial structure of the food manufacturing and food service sectors

- Evaluated the food consumption increase program counter-measuring the COVID-19 recession
- Evaluated and designed the Food Voucher Pilot Program (also known as “Korean SNAP”)

**Researcher**, *Institute of Agriculture and Life Sciences, Seoul National University*  
Mar. 2019 - Dec. 2019

- Evaluated the effects of the oil tax exemption acts on farm finance and welfare
- Constructed an extended stochastic partial equilibrium model incorporating the agricultural, food-manufacturing, and food-service sectors
- Evaluated climate change adaptation programs

*Research Assistant, Agribusiness and Econometrics Laboratory, Seoul National University*  
Sep.2017-Feb.2019

*Research Assistant, Korea Labor Institute* May. 2017 - Aug. 2017

## PEER-REVIEWED JOURNAL ARTICLES

1. Y. Kim, **K. Yu**, S. Kim, N. Widmar, and J. Jung “Spatial Differentiation in Pricing Strategy of Restaurant Businesses: An Explorative Study with Web-Scrapped Data from a Delivery Application”. *Journal of Retailing and Consumer Services* (Revise and Resubmit)
2. (Lead Article) **K. Yu**, D. Jeong, and K. Kim. 2021. “Estimating the Effects of Donation Tax Reduction on Farmland Using a Generalized Propensity Score Approach”. *The Korean Journal of Agricultural Economics* 62(1): 1-21. Korean Agricultural Economics Association.
3. (Lead Article) **K. Yu**, and K. Kim. 2019. “An Estimation of Welfare Effects of Minimum Wage Increase in an Agricultural Production Sector Using a Stochastic Equilibrium Displacement Model”. *The Korean Journal of Agricultural Economics* 60(2): 1-21. Korean Agricultural Economics Association.

## CONFERENCE PRESENTATIONS

1. Y. Kim, J. Jung, **K. Yu**, S. Kim, and N. Widmar. 2023. “Spatial Differentiation in Pricing Strategy of Restaurant Business: An Explorative Study with Network Analysis based on Web-Scrapped Data from a Delivery”. *Annual Conference of American Agricultural Economics Association (AAEA)*. Washington, D.C.
2. S. Kim, U. Lee, **K. Yu**, J. Ji. July 2022. “Evaluation of the agro-food consumption increase program counter-measuring COVID-19 recession”. *Annual Conference of Korea Food Marketing Association*. YangYang, Republic of Korea.
3. **K. Yu**. and S. Kim. August 2021. “Identifying the Impact of Emergency Disaster Relief Fund in Agri-Food Industry during the COVID-19 Pandemic in Korea: A Generalized Synthetic Control and Stochastic Equilibrium Displacement Method Approach”. *Annual Conference of American Agricultural Economics Association (AAEA)*. Virtual.
4. **K. Yu**. and K. Kim. July 2020. “Estimating the Effects of HMR Consumption Increase in the Food Industry in Korea: A Stochastic Multi-sector and Multi-market Equilibrium Displacement Modeling Approach.” *Annual Conference of American Agricultural Economics Association (AAEA)*. Virtual.
5. **K. Yu**. and D. Ahn, and K. Kim. November, 2019. “An Economic Evaluation of Climate Change Effect on Urban Flood Damage: the Case of Seoul, Korea”.

*Annual Conference of North American Regional Science Council (NARSC).*  
Pittsburgh, PA, U.S.

6. Y. Kim, C. Kim, **K. Yu**, J. Bang, S. Yoo, J. Kim, D. Ahn, K. Kim. 2019. “Economic Analysis of Climate Change Adaptation Policy and Technology”. *Annual Conference of the Korean Society of Climate Change Research. Seoul, Republic of Korea.*

## RESEARCH REPORTS

1. S. Kim, G. Lee, J. Koo, D. Moon, Y. Kim, **K. Yu**, U. Lee, S. Kang, and S. Shin. 2022. *Research Service for Food Consumption 2021*. Korea Rural Economic Institute.
2. S. Kim, G. Lee, M. Park, **K. Yu**, S. Shin, S. Kang, and U. Lee. 2021. *Policy Tasks for an Inclusive and Sustainable Food Industry (2/3)*. Korea Rural Economic Institute.
3. S. Kim, G. Lee, S. Heo, U. Lee, J. Ji, and **K. Yu**. 2021. *Research on the Analysis of the Agri-food Voucher Pilot Program*. Korea Rural Economic Institute.
4. S. Kim, G. Lee, D. Moon, S. Heo, U. Lee, and **K. Yu**. 2021. *The Efficient Operation Plan of the Food Assistance Program*. Korea Rural Economic Institute.
5. S. Kim, G. Lee, J. Koo, Y. Hong, D. Moon, S. Heo, U. Lee, J. Ji, **K. Yu**, S. Shin, and M. Kim. 2020. *Research Service for Food Consumption 2020*. Korea Rural Economic Institute.
6. K. Kim, D. Ahn, Y. Kim, C. Kim, **K. Yu**, J. Bang, S. Yoo, J. Kim, and J. Kim. 2019. *Development, Implementation, and Enhancement of an Integrated Decision-Making Support Tool for Selecting Climate Change Adaptation Policies (2/3)*. Ministry of Environment.
7. K. Kim, D. Ahn, Y. Ha, **K. Yu**, and S. Kang. 2019. *A Study on 6th Industrialization of Plum Farming for the Development of a Brand Image and Plum-Oriented Functional Product in Suncheon (4/5)*. Ministry of Agriculture, Food, and Rural Affairs.
8. K. Kim, D. Ahn, Y. Kim, C. Kim, Y. Yoon, **K. Yu**, J. Bang, S. Yoo, and J. Kim. 2018. *Development, Implementation, and Enhancement of an Integrated Decision-Making Support Tool for Selecting Climate Change Adaptation Policies (1/3)*. Ministry of Environment.
9. K. Kim, D. Ahn, **K. Yu**, J. Park, and S. Kang. 2018. *A Study on the 6th Industrialization of Plum Farming for the Development of a Brand Image and Plum-Oriented Functional Product in Suncheon (3/5)*. Ministry of Agriculture, Food, and Rural Affairs.
10. K. Kim, D. Ahn, J. Lim, G. Lee, C. Kim, M. Kang, W. Lee, S. Lee, and **K. Yu**, 2017. *Research Service for Food Industry 2020*. Korea Rural Economic Institute.

## OTHER PUBLICATIONS

1. S. Kim, G. Lee, and **K. Yu**, 2021. “Policy Tasks and Current Issues about Agricultural Food Voucher Support Projects for the Vulnerable.” Agri-Policy Focus (198), Korea Rural Economic Institute.
2. J. Kim and **K. Yu**, 2021. “Agri-Food Consumption Trends with POS Data in September,” Agri-food Consumption Trend Webzine, Korea Rural Economic Institute.
3. J. Kim, S. Heo, and **K. Yu**, 2021. “Agri-Food Consumption Trends with POS Data in January,” Agri-food Consumption Trend Webzine, Korea Rural Economic Institute.

4. K. Kim, J. Lim, C. Kim, S. Lee, and **K. Yu**, 2018. “*Fundamental Research to Discover New Statistics Related to Labor and the Organizational Structure of Food Manufacturing Firms*”. Food and Food Service Information Webzine, Korea Rural Economic Institute.

**COMPUTER  
SKILLS**

R, Python, STATA, SAS, and LaTeX