Hanbat Jeong

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Citizenship and Visa Status
Republic of Korea (J-1 visa)

Academic Positions
Postdoctoral Researcher, The Ohio State University (July 2019 -)

Education
Ph.D. Economics, The Ohio State University, 2019
M.A. Economics, Sogang University, 2013 (RA, Korea Productivity Center, 2012-2013)
B.A. Korean Language & Literature, Sogang University, 2010

Teaching and Research Fields
Econometrics, Applied Econometrics

Publications
[1] Jeong, H. and L.F. Lee (2021). "Spatial dynamic game models for coevolution of intertemporal economic decision-making and spatial networks", *Journal of Economic Dynamics & Control*, Vol 129, 104168.
[2] Choi, I. and H. Jeong (2020). "Differencing and non-differencing in factor-based forecasting",
Journal of Applied Econometrics, Vol 35 (6), 728-750.
[3] Jeong, H. and L.F. Lee (2020). "Spatial dynamic models with intertemporal optimization: specification and estimation", *Journal of Econometrics*, Vol 218 (1), 82-104
[4] Choi, I. and H. Jeong (2019). "Model selection criteria for factor analysis: some new criteria and performance comparison." *Econometric Reviews*, Vol 38, 577-596.

Working Papers
[1] "Dynamic network interaction models with robust decision-making" (Job market paper)
[2] "Maximum likelihood estimation of a spatial autoregressive model for origin-destination flow variables" (with Yanli Lin and Lung-fei Lee), Revise and resubmit at *Journal of Econometrics*
[3] "Spatial dynamic differential game models: a leader and followers with multiple activities" (with Lung-fei Lee), Under revision
[4] "A matrix exponential time specification" (with Jon Michel), Under revision
[5] "Estimation of Spatial Autoregressive Models for Origin-Destination Flows: A partial likelihood approach" (with Yanli Lin and Lung-fei Lee), Under review
[6] "WORSE THAN THE PROBLEM ITSELF"? The Health and Economic Costs and Benefits of COVID-19 Policy Responses" (with Yanli Lin and Bruce A. Weinberg), Under revision

Research in Progress
[1] "The multigroup SIRD model for the COVID-19 pandemic" (with Bruce A. Weinberg)
[2] "Propagation of research ideas via multiple collaboration channels: a spatial panel model approach (with Bruce A. Weinberg and Wei Cheng)
[3] "Semiparametric estimation of spatial dynamic panel Tobit models with large n and T"

Seminars and Conference Presentations (Scheduled: *)

2022	SNDE 2021, 2022 WEAI-KAEA, 16TH SETA, MEG 2022, 2022 SEA-KAEA*, Spatial Econometrics Seminar hosted by Spatial Econometric Association*
Before 2021	Network Science in Economics Conference (Poster), University of Seoul, Sogang University, 2021 NAMES, 2021 IAAE Annual Conference, 2021 AMES, 2021 CMES, 2021 ESMES, KAEA Microeconometrics seminar, 2021 SEA-KAEA, 2021 SEA, EWMES 2021, University of Kentucky, University of Colorado, NBER Conference on COVID-19 and Health Outcomes, 2019 ASSA Annual Meeting, National Taiwan University, 21st Dynamic Econometric Conference (Poster), 2019 AMES, 2019 NAMES, 2019 UMETRICS user meeting, 2019 ESMES, 2019 MEG, 2019 EWMES, 2018 AMES, The 9th SETA, Hitotsubashi - Sogang Conference on Econometrics

Professional Activities

Referee for (Journal): *Communications in Statistics – Theory and Methods*, *Econometrics*, *Econometric Reviews*, *Empirical Economics (× 2)*, *Journal of Business Economics and Statistics, Journal of Spatial Econometrics (× 2), PLOS ONE, Review of Economics and Statistics*
Referee for (Proposal): *National Science Foundation*
Discussant: 2019 *EWMES,* 2020 *KAEA Virtual seminar*

Grants

[1] National Institutes of Health. National Institute on Aging, National Institute for General Medical Sciences, Office of the Director. PI. $2,333,719. "The Health and Economic Impacts of COVID-19 and Policy Responses." Co-Investigator with Meta Brown, Kurt Lavetti, Rebecca McKibbin, and Bruce A. Weinberg (PI). September 30, 2021-May 31, 2026. U01AG076549.

[2] National Institutes of Health. National Center for the Advancement of Clinical and Translational Sciences. (Supplement Lead). "Center for Clinical and Translational Science Supplement: The Economic Impact, Incidence, and Diffusion of COVID-19." $671,710. July 1, 2020-May 31, 2021. Co-Investigator with Kurt Lavetti, Rebecca Jackson (PI), Tamar Oostrom, and Bruce A. Weinberg. UL1TR002733 03S2

[3] National Institutes of Health. National Institute on Aging. (Co-Investigator) $299,149. "Improving Health Outcomes for an Aging Population Supplement: The Impact of the COVID-19 Pandemic and Subsequent Economic Downturn on Population Health and Mortality." July 1, 2020-June, 30, 2021. Co-Investigator with Marcella Alsan, Katherine Baicker (PI), Amitabh Chandra. Christopher Ruhm, David Cutler, Hannes Schwandt, Till von Wachter, and Bruce A. Weinberg. P01AG005842

Honors, Scholarships, and Fellowships

2018	G.S. Maddala Prize in Econometrics
2018	Departmental Citation for Excellence in Teaching
2013-14	The Ohio State University Fellowship

Teaching Experience

2017, 18, 19	Analysis and Display of Data, OSU, Independent instructor
2016, 18	Graduate Econometrics I, OSU, TA

References

Professor Lung-fei Lee	Professor Bruce A. Weinberg	Professor Jason R. Blevins	Professor Robert M. de Jong
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