

Curriculum Vitae

Donggyu Sul

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Personal Information

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Education

Ph.D., Economics, The Ohio State University, June 1992.
B.S., Economics, Korea University, February 1988.

Research Interests

Panel Data Econometrics, International Finance, Econometrics on Experiment

Employment History – principal positions

2016-Currently	John Kain Professor of Economics, University of Texas at Dallas
2009-2016	Professor, Department of Economics, University of Texas at Dallas
2006-2009	Associate Professor (equivalent to Full Professor in US) Department of Economics, University of Auckland
2004-2005	Senior Lecturer above BAR (equivalent to Associate Professor in US), Department of Economics, University of Auckland.
2000 –2003	Senior Lecturer below BAR, Department of Economics, University of Auckland.
1998 – 2000	Visiting Assistant Professor, Department of Economics, Ohio State University.
1992-1997	Research Economist, The Institute of Economic Research, Korea University, (appointment fulfilled Korean military service requirement).

Visiting and Other Employment History

June 2019 – May 2023	Part Time External Senior Consultant at Decision Support Center, Royal Court, Saudi Arabia
2006-2007	Visiting Fellow, Kellogg Institute for International Studies, University of Notre Dame.

Professional Awards

Appreciation Award, Korea-America Economic Association, 2023
Maekyung & Korea-America Economic Association Economist Award, 2019
Research Excellence Award, 2008, University of Auckland

Professional Memberships:

American Economic Association: 1997 – Present
Econometric Society: 1997-2022
Korea-America Economic Association: 2002 – Present
American Statistic Association: 2016-2020

Refereed Journal Publications

1. Y. Lee and D. Sul, Depth-weighted means of noisy data: An application to estimating the average effect in heterogeneous panels. *Journal of Multivariate Analysis*, 196, 2023 105-165.
2. Y. Lee and D. Sul, Depth-Weighted Forecast Combination: Application to COVID-19 Cases, *Advanced in Econometrics, Essays in Honor of Joon Y. Park: Econometric Methodology in Empirical Applications*. Emerald Publishing Limited, 2023. 235-260.
3. Y. Lee and D. Sul, Trimmed Mean Group Estimation, *Advanced in Econometrics, Essays in honor of M. Hashem Pesaran: Panel Modeling, Micro Applications, and Econometric Methodology*. Emerald Publishing Limited. 2022. 177-202.
4. M. Han, J. Kwak and D. Sul, Two-Way Fixed Effects versus Panel Factor Augmented Estimators: Asymptotic Comparison among Pre-testing Procedures, *Econometric Review*, 41(3), 2022. 291-320.
5. J. Kong, P.C.B. Phillips and D. Sul, Testing Weak Sigma Convergence using HAR Inference, *Advances in Econometrics*, 2020, (41), 25—72.
6. J. Kong, P.C.B. Phillips and D. Sul, Weak Sigma Convergence: Theory and Applications, *Journal of Econometrics*, 2019, (2), 185—207.
7. J. King, and D. Sul, Estimation of Treatment Effects in Repeated Public Good Experiments, 2018, *Econometrics*, 6(4), 43

8. R. Greenaway-McGrevy, N.C. Mark, D. Sul, and J-L Wu, Identifying Exchange Rates Common Factors, *International Economic Review*, 2018, 59(4). 2193—2218
9. C. Han, P.C.B. Phillips and D. Sul, Lag Length Selection in Panel Autoregression, *Econometric Review*, 2017, Vol 36(1), 225—240.
10. J. Parker and D. Sul, Identification of Unknown Common Factors: Leaders and Followers, *Journal of Business, Economics and Statistics*, 2016, Vol 34(2), 227—239.
11. K. Gaibullov, T. Sandler and D. Sul, Dynamic Panel Analysis under Cross-Sectional Dependence, *Political Analysis*, 2014, Vol 22 (2), 258—273.
12. K. Gaibullov, T. Sandler and D. Sul, Of Nickell Bias, Cross-Sectional Dependence, and Their Cures: Reply. *Political Analysis*, 2014, Vol 22 (2), 279-280
13. C. Han, P.C.B Phillips and D. Sul, X-Differencing and Dynamic Panel Model Estimation, *Econometric Theory*, 2014, Vol 30 (1), 201—251
14. R. Greenaway-McGrevy, C. Han and D. Sul, Efficient Estimation and Inference for Difference-in-Difference Regressions with Persistent Errors, 2014, *Advances in Econometrics*, Vol (33), 281—302
15. J. Chao, M. Kim and D. Sul, Average Estimation of Dynamic Panel Models with Nonstationary Initial Condition March 2014, *Advances in Econometrics*, Vol (33), 241--279
16. K. Gaibullov, T. Sandler and D. Sul, Common Drivers of Transnational Terrorism: Principal Component Analysis, *Economic Inquiry*, 2013, 707--721
17. R. Greenaway-McGrevy, C. Han and D. Sul, Standardization and Estimation of the Number of Factors for Panel Data, *Journal of Economic Theory and Econometrics*, 2012, 79--88
18. R. Greenaway-McGrevy, C. Han and D. Sul, Estimating the Number of Common Factors in Serially Dependent Approximate Factor Models, *Economic Letters* 2012, 531--534
19. R. Greenaway-McGrevy, C. Han and D. Sul, Asymptotic Distribution of Factor Augmented Estimators for Panel Regression, *Journal of Econometrics*, 2012 48--53
20. N.C. Mark and D. Sul, "When Are Pooled Panel-Data Regression Forecasts of Exchange Rates More Accurate than the Time-Series Regression Forecasts?", *The Handbook of Exchange Rates*, 2012, 256 -- 281, Edited by L. Sarno, J. James and I. Marsh, John Wiley & Sons, Inc.
21. C. Han, P.C.B. Phillips and D. Sul, Uniform Asymptotic Normality in Stationary and Unit Root Autoregression, *Econometric Theory*, 2011, 27 (6), 1117--1151

22. C.Y. Choi, N.C. Mark and D. Sul, Bias Reduction in Dynamic Panel Data Models by Recursive Mean Adjustment under Cross Section Dependence, *Oxford Bulletin of Economics and Statistics*, 2010, 72(7), 567--599
23. D. Sul, Panel Unit Root Tests under Cross Section Dependence with Recursive Mean Adjustment, 2009, *Economics Letters* 2009, 105 (1) 123-126.
24. P.C.B. Phillips and D. Sul, Economic Growth and Transition, *Journal of Applied Econometrics* 2009, 24, 1153-1185
25. H. Choi, N.C. Mark and D. Sul, Endogenous Discounting, the World Savings Glut and the U.S. Current Account, *Journal of International Economics*, 2008, 30-53
26. P.C.B. Phillips and D. Sul, Transition Modelling and Econometric Convergence Tests, *Econometrica*, 2007, Vol. 75, 1771-1855.
27. P.C.B. Phillips and D. Sul, Bias in Dynamic Panel Estimation with Fixed Effects, Incidental Trends and Cross Section Dependence, *Journal of Econometrics*, 2007, 137. 162-188
28. P.C.B. Phillips and D. Sul, Some Empirics on Economic Growth under Heterogeneous Technology, 2007 *Journal of Macroeconomics*, 455-469.
29. C.Y. Choi, N.C. Mark and D. Sul, Unbiased Estimation of the Half-Life to PPP Convergence in Panel Data, 2006, *Journal of Money, Credit, and Banking*, Vol, 38, 921-938.
30. D. Sul, P.C.B. Phillips and C.Y. Choi, Prewhitening Bias in HAC Estimation, 2005 *Oxford Bulletin of Economics & Statistics*, Vol. 67, 517-546.
31. N.C. Mark, M. Ogaki and D. Sul, Dynamic Seemingly Unrelated Cointegrating Regression, 2005, *Review of Economic Studies*, 72, 797-820.
32. P.C.B. Phillips and D. Sul, Dynamic Panel Estimation and Homogeneity Testing Under Cross Section Dependence", *The Econometrics Journal*, 2003, Vol. 6. 217-260.
33. N.C. Mark and D. Sul, Cointegration Vector Estimation by Panel DOLS and Long-Run Money Demand, *Oxford Bulletin of Economics & Statistics*, 2003, Vol 65, 655-680.
34. S.R. Thompson, M.T. Bohl, and D. Sul, Spatial Market Efficiency and Policy Regime Change: Seemingly Unrelated Error Correction Model Estimation, *American Journal of Agricultural Economics*, 2002, 84(4), 1042--1053.
35. N.C. Mark and D. Sul, Nominal Exchange Rates and Monetary Fundamentals: Evidence from a Seventeen Country Panel, *Journal of International Economics*, 2001, 53, 29-52.
36. D. Sul, Excess Volatility of Realized Excess Profit from Currency Speculation in a Two-Country General Equilibrium Model, *Review of International Economics*, 1999, 7, 280-292.

37. D. Sul, Does Ex Post Uncovered Interest Differential Reflect on the Degrees of Capital Mobility? *Applied Economics Letters*, 1999, 6, 97-102.

Book & Book Chapter

38. D. Sul, Panel Data Econometrics: Common Factor Analysis for Empirical Researchers, Taylor & Routledge, 2019

Other Referred Publications (in Korean)

39. D. Choi and D. Sul, Forecasting of Yen-Dollar Rates in the Short Run. 1997, *Korean Journal of Money and Finance*. Vol. 2, No. 1, 85--113 June.
40. D. Choi and D. Sul, *Forecasting of Yen-Dollar Rates in the Long Run*. 1997, Seoul, Korea: Korean Economic Research Institution, 99 pages.
41. J.H. Nam and D. Sul, *Measurement of Capital Mobility in APEC Region and its Impact on Korean Economy*. 1996, Seoul Korea: Korea Institute of Finance, 98 pages.
42. E.G. Hwang, E.G. J.P. Kim, S.M. Hyun, and D. Sul, *An Investigation of the Customs of Commercial Transactions in Korea*. 1995, Seoul, Korea: Korean Economic Research Institution, 68 pages.

Works in Progress

1. M. Han, Y. Lee, P.C.B. Phillips and D. Sul, Identifying Groups with Common Long-Run Latent Trends.
2. M. Lynn, P.C.B. Phillips and D. Sul, Policy Evaluation with Nonlinear Trended Outcomes: COVID-19 Vaccination Rates in the US.
3. Y. Lee and D. Sul, Associating Latent Non-stationary Factors with Observed Variables.

Invited Conference Lectures

2004: Australasian Labor Econometrics Workshop

Conference Presentations

2023 American Economic Association, KAEA events
2022 KEA-KAEA Joint International Conference,
2019 Midwest Econometric Group Meeting,
KAEA-KEA Joint International Conference
2018 Asian Econometric Society Meeting
International Panel Data Conference

- 2017 Western Economic Association Conference,
KAEA-KEA Joint International Conference,
Midwest Econometric Group meeting
- 2016 KAEA-KDI Joint Conference.
- 2015 Special Conference in honor of Joon Y. Park
Eastern Economic Association Conference
- 2014 International Conference of Korean Economic Association
- 2013 Midwest Econometric Group meetings,
Symposium on Econometric Theory and Application,
Special Conference in Advanced in Econometrics in honor of P.C.B. Phillips.
- 2012 Midwest Macroeconomic meeting,
Midwest Econometric Group meeting,
Economic Science Association meeting,
International Conference of Korean Economic Association
- 2011 Texas Econometric Camp
- 2010 Korean Economic Association
Midwest Econometric Group meeting,
- 2009 Midwest Econometric Group meeting
- 2008 Conference in Honor of P.C.B. Phillips, Singapore
Far Eastern Meeting of the Econometric Society
- 2007 New Zealand Econometric Study Group meeting
- 2006 Southern Workshop in Macroeconomics
- 2005 New Zealand Econometric Study Group meeting
NBER Summer Workshop
Midwest Econometric Group meeting
- 2004 New Zealand Econometric Study Group meeting
- 2003 North American Econometric Society meeting
New Zealand Econometric Study Group meeting
NBER Summer Workshop
- 2002 Econometric Society Australasian meeting
New Zealand Econometric Study Group meeting
Midwest Econometric Group meeting
- 2001 New Zealand Econometric Study Group meeting
Econometric Society Australasian meeting
Midwest Econometric Group meeting
- 2000 Midwest Econometric Group meeting
- 1999 Midwest Macroeconomics meeting
- 1998 Midwest Econometric Group meeting

Invited Presentations

Auburn University, University of Auckland, The Bank of Korea, University of British Columbia, Clemson University, University of Delaware, Hitotsubashi University, Hong Kong University of Science and Technology, Indiana University, University of Kentucky, Korea University, Korean Institute of Finance, Federal Reserve Bank at Dallas, University of Michigan, University of New South Wales, University of Notre Dame, North Texas University, Ohio State University, Otago University, Rice University, Seoul National University, Sogang University, University of Southern California, Syracuse University, University of California at Riverside, Vanderbilt University, University of Sydney,

Victoria University of Wellington, University of West Virginia, University of Wisconsin, Wollongong University.

Research Grants / Funding:

New Staff Research Grant: NZ\$10,000, 2001.
Staff Research Grant: NZ \$13,000. 2002.
Staff Research Grant: NZ \$2,515. 2003
RA Research Grant: NZ \$2,500. 2004
RA Research Grant: NZ \$2,500. 2005
Business School Research Grant: NZ \$2,500. 2005
Staff Research Grant: NZ \$3,400. 2006
Staff Research Grant: NZ \$10,478, 2007
Marsden Grant NZ \$170,000 (with Chirok Han and P.C.B. Phillips), 2008
Adaptive Adversaries and Their Consequences, Todd Sandler (PI), Donggyu Sul (Co-PI) \$330,000, 2010
Center for Risk and Economic Analysis of Terrorism Events, Todd Sandler (PI), Donggyu Sul (Co-PI), \$65,000, 2011

Courses Taught:

Principles of Economics (Micro, Macro), Intermediate Macroeconomics, Undergraduate Econometrics, Graduate Econometrics I, Graduate Econometrics II, Graduate Econometrics I III, Undergraduate Applied Econometrics, Undergraduate Asian Economy, Special Topics in Econometrics and Spatial Analysis, Undergraduate Mathematical Economics, Undergraduate International Trade, Undergraduate International Finance, Graduate International Finance

Graduate Student Supervising: (Initial Placement)

Chair

2006 Ph.D.: Ryan Greenaway-McGrevy (Bureau of Economic Analysis)
2011 Ph.D.: Minh Le (SK Fidelity Capital)
2013 Ph.D.: Ahmed Alzahrani (Saudi Aramco)
2014 Ph.D.: Jianning Kong (Shandong University, Assistant Professor)
2014 Ph.D.: Jason Parker (NCRC at Michigan State University, Researcher)
2014 Ph.D.: Minwook Ha
2020 Ph.D.: Aoyu Hou (China Agricultural University, Assistant Professor)
2020 Ph.D.: Jihun Kwak (HanYang University, Post Doc)
2020 Ph.D.: Minyu Han (Apple Inc, Beijing)
2021: Lynn Morgan (Fourth year now)

Committee

2011 Ph.D: Charlinda Santifort (Education First, Research Analyst)
2015 Ph.D: Koren Jo (Hong Kong Polytechnic University, Assistant Professor)
2018 Ph.D: Kwangsoo Kim

2022: Soohyun Choi, Wanwan Yue (co-chair)

Service

University Service:

University Assessment Committee, Chair, 2021-2022

University Assessment Committee, Vice Chair, 2020-2021

Department Service: Director of Graduate Study, 2014-2019

Professional Service

President of Korea-America Economic Association, 2021-2022

Editorial Board, Journal of Economic Research, 2023—current.

Editorial Board, Korea and the World Economy, 2020—current.

Co-editor, International Economic Journal, 2016-2019 March.

Co-organizer Korean Econometric Summer Camp, 2013-2016.

Secretary General of Korea-America Economic Association, 2011-2013.

Program Committee:

2013 SETA conference,

2011 Asian Econometric Society Meeting,

2001 Australasian Econometric Society Meeting.

Co-organizer New Zealand Econometric Study Group Meeting, 2001--2009

Adjudication Panel for the 2003 A R Bergstrom Prize in Econometrics

Associate Editor, New Zealand Economic Paper, 2004--2006

Referee Activity

Annals of Statistics, American Economic Review, American Journal of Agricultural Economics, American Journal of Political Science, Applied Financial Economics, Econometrica, Economic Bulletin, Econometrics Journal, Economic Modeling, Econometric Review, Econometric Theory, Econometrics, Economics Letters, Empirical Economics, Games and Economic Behavior, International Economic Journal, International Journal of Forecasting, International Economic Review, Journal of Applied Econometrics, Journal of Applied Statistics, Journal of Banking and Finance, Journal of Business, Economics and Statistics, Journal of Economic Integration, Journal of Econometrics, Journal of Economic Growth, Japanese Economic Review, Journal of International Money and Finance, Journal of Money, Credit and Business,