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ADDRESS:

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EDUCATION:

Ph.D., Economics, Michigan State University, December 1990

EXPERIENCE:

Professor of Economics, Arizona State University, August 2014 – present.
Associate Professor of Economics, Arizona State University, August 1997 – May 2014.
Assistant Professor of Economics, Arizona State University, August 1990 – May 1997.
Visiting Professor of Economics, Hitotsubashi University, June – July, 2013.
Visiting Professor of Economics, Sogang University, May – August, 2008 – 2012.
Visiting Professor of Economics, Seoul National University, July – August, 2007.

RESEARCH:

Published Articles

Ahn, S.C., M.F. Perez, and S. Dieckmann, 2018, Exploring the Common Factors in the Term Structure of Credit Spreads, Review of Financial Economics, 36(4), 321 – 347.

Ahn, S.C., A. Horenstein, and N. Wang, 2018, Beta matrix and common factors in stock returns, Journal of Financial and Quantitative Analysis, 53 (3), 1417 – 1440.

Ahn, S.C., H.Y. Kim, and T.H. Kang, 2017, Life-cycle consumption, precautionary saving, and risk sharing: an integrated analysis using household panel data, B.E. Journal of Macroeconomics, 17(2), DOI: http://doi.org/10.1515/bejm-2016-0082.

Ahn, S.C., H.K. Kim, and J. Kim, 2016, Vertical and horizontal education-job mismatches in the Korean youth labor market: A quantile regression approach, Hitotsubashi Journal of Economics, 57(1), 67 – 70.

Ahn, S.C., 2015, Comment on 'IV estimation of panels with factor residuals' by D. Robertson and V. Sarafidis, Journal of Econometrics, 185, 542 – 544.

Ahn, S.C., and Young H. Lee, 2014, Major League Baseball attendance: Long-term analysis using factor models, Journal of Sports Economics, 15 (5), 451 – 477.

Ahn, S.C., and H.R. Moon, 2014, Large-N and large-T properties of panel data estimators and the Hausman test, Festschrift in Honor of Peter Schmidt, eds., R.C. Sickles and W.C. Horrace, Springer: New York, 219 – 258.

Ahn, S.C., and Y.H. Lee, 2014, Beauty and productivity: The case of the Ladies Professional Golf Association, Contemporary Economic Policy, 32 (1), 155 – 168.

Ahn, S.C., and A.R. Horenstein, 2013, Eigenvalue Ratio Test for the Number of Factors, Econometrica, 81, 1203 – 1227.

Ahn, S.C., Y.H. Lee, and P. Schmidt, 2013, Panel data models with multiple time-varying individual effects, Journal of Econometrics, 174, 1 – 14.

Ahn, S.C., M.F. Perez, and C. Gadarowski, 2013, Two-pass estimation of risk premiums with multicollinear and near-invariant betas, Journal of Empirical Finance, 20, 1 – 17.

Ahn, S.C., J. Brada, and J. Mendez, 2012, Effort, technology and the relative efficiency of organizations, Journal of Development Studies, 48, 1601 – 1616.

Ahn, S.C., and K. Choi, 2012, Reconsidering the role of money for output, prices, and interest rates: with the data from Korea, Journal of Market Economy, 41 (1), 1 – 18.

Ahn, S.C., C. Gadarowski, and M.F. Perez, 2012, Robust two-pass cross-section regression: A minimum distance approach, Journal of Financial Econometrics, 10 (4), 669 – 701.

Ahn, S.C., D.M. Kim, and P.R. Reghir, 2010, Evidence of structural changes in relations involving analysts following and institutional ownership, Journal of Market Economy, 39 (2), 51 – 82.

Ahn, S.C., and M.F. Perez, GMM estimation of the number of latent factors, 2010, Journal of Empirical Finance, 27 (4), 783 – 802.

Ahn, S.C., and M. Melvin, Exchange rates and FOMC days, 2007, Journal of Money, Credit and Banking, 39 (5), 1245 – 1266.

Ahn, S.C., and Y.H. Lee, 2007, Life-cycle demand for Major League Baseball, International Journal of Sport Finance, 2 (2), 79 – 93.

Ahn, S.C., and S. Low, 2007, A parametric test for the distinction between unemployed and out of the labor force statuses, Seoul Journal of Economics, 20 (1) (published by Seoul National University), 59 – 87.

Ahn, S.C., Y.H. Lee, and P. Schmidt, 2007, Stochastic frontier models with multiple time-varying individual effects, Journal of Productivity Analysis, 27, 1 – 12.

Ahn, S.C., and C. Gadarowski, 2004, Small sample properties of the GMM model specification test based on the Hansen-Jagannathan distance, Journal of Empirical Finance, 11, 109 – 132.

Ahn, S.C., Y.H. Lee, and P. Schmidt, 2001, GMM estimation of a panel data regression model with time-varying individual effects, Journal of Econometrics, 101, 219 – 255.

Ahn, S.C., D. Good, and R. Sickles, 2000, Estimation of long-run inefficiency levels: A dynamic frontier approach, Econometric Reviews, 19, 461 – 492.

Im, K., S.C. Ahn, P. Schmidt, and J. Wooldridge, 1999, Efficient estimation of panel data models with strictly exogenous explanatory variables, Journal of Econometrics, 91, 177 – 201.

Ahn, S.C., D. Good, and R. Sickles, 1998, The relative efficiency and rate of technology adoption of Asian and North American airline firms, in Economic Efficiency and Productivity Growth in the Asia Pacific Region, (1998), edited by Tsu-Tan Fu, Cliff J. Huang, and Knox Lovell: Edward Elgar Publishing Limited, U.K.

Ahn, S.C., and P. Schmidt, 1998, Modified generalized instrumental variables estimation of panel data models with strictly exogenous instrumental variables, in Analysis of Panels and Limited Dependent Variables: A Volume in Honour of G S Maddala, edited by Cheng Hsiao, Kajal Lahiri, Lung-fei Lee and M. Hashem Pesaran: Cambridge University Press, Cambridge, U.K.

Ahn, S.C., 1997, Orthogonality tests in linear models, Oxford Bulletin of Economics & Statistics, 59, 183 – 186.

Ahn, S.C., and R. Faith, 1996, Optimal labor contracts and involuntary unemployment under costly monitoring, Economica, 63, 569 – 588.

Ahn, S.C., and P. Schmidt, 1997, Efficient estimation of dynamic panel data models under alternative sets of assumptions, Journal of Econometrics, 76, 309 – 321.

Ahn, S.C., and S. Low, 1996, A reformulation of the Hausman test for regression models with pooled cross-section-time-series data, Journal of Econometrics, 71, 291 – 307.

Ahn, S.C., G. Merica, and M. Melvin, 1995, Day of the week effects in Pacific Rim emerging stock market, in Research in International Business and Finance, 12, edited by John Doukas and Larry Lang, JAI press: 229 – 240.

Ahn, S.C., and P. Schmidt, 1995, A separability result for GMM estimation, with applications to GLS prediction and conditional moment tests, Econometric Reviews, 14, 19 – 34.

Ahn, S.C., and P. Schmidt, 1995, Efficient estimation of a model with dynamic panel data, Journal of Econometrics, 68, 5 – 27.

Schmidt, P., S.C. Ahn, and D. Wyhowski, 1992, Comment on the Estimation of Panel Data Models with Serial Correlation When Instruments Are Not Strictly Exogenous, Journal of Business and Economic Statistics, 10, 10 – 14.

Ahn, S.C., 1992, The Lagrangean multiplier test for a model with two selectivity criteria, Economics Letters, 38, 9 – 15.

Books, Monographs, and Chapters in Books

Ahn, S.C., and P. Schmidt, 1999, Estimation of linear panel data models using GMM, Chapter 8 in Generalised Method of Moments Estimation, edited by Laszlo Matyas, Cambridge University Press, U.K.

Book Reviews

Ahn, S.C., 1992, Franco and Cugno and Maro Ferrero, Share system and unemployment: A theoretical analysis, The Journal of Comparative Economics, 16, 523 – 526.

Working Papers

"Asset Pricing and Excess Returns over the Market Return," (with Alex Horenstein)

"Forecasting with Partial Least Squares When a Large Number of Predictors Are Available" (with Juhui Bae)

"Large-*N* and Large-*T* Properties of Dynamic Panel GMM Estimators When Data Are Not Mean Stationary," (with Na Wang).

"Likelihood Based Inferences for Dynamic Panel Data Models," (with Gareth M. Thomas).

"A Non-Invariance Problem in Panel GMM Estimators When Level Instruments Are Used for Differenced Equations," (with Y. Kitazawa).

"Modified Empirical Likelihood Estimators," (with Jin Xiang).

Working Papers in Progress

"On Single Factor Bias in Multi-factor Models," (with Alex Horenstein)

"On Two-Pass Tests for Risk Premiums" (with Wang Na)

"On the Lancaster Estimator" (with Adam Nowak).

"GMM Estimation of Dynamic Models with Long Panels" (with Wang Na).

"Robust GMM test for model specification, with applications to conditional moments testing and structural instability testing"

Paper Presentations

Sogang University (South Korea, July, 2019)
Singapore Management University (Singapore, May, 2019)
Nanyang Technology University (Singapore, May, 2019)
Hong Kong University of Science and Technology (Hong Kong, May, 2019)
The 24th International Panel Data Conference (Seoul, June, 2018)
The 2018 ASSA meeting (Philadelphia, January, 2018)
University of Southern California (March, 2015; November, 2008)
University of Miami (February, 2014)
Hitotsubashi University, Japan (July, 2013; May, 2008)
Asian Conference on Applied Microeconomics and Econometrics (November, 2012)
University of Alabama (October, 2011)
ITAM, Mexico (March, 2011)
Kyushu Sangyo University, Japan (June, 2010)
2010 Korea Econometric Society Meeting, South Korea (June, 2010)
2010 Japan Association of Applied Economics Meeting (June, 2010)
Kyushu University, Japan (June, 2010)
Hiroshima University, Japan (June, 2010)
Sogang University, South Korea (July, 2015; June, 2010; June, 2009; July, 2007; November, 2005; July, 2004; August, 1998)
Columbia University (April, 2010)
2009 Far East and South Asia Meeting of the Econometric Society (August, 2009)
Wilfred Laurier University, Canada (October, 2008)
The 2008 Korea Econometric Society Meeting, South Korea (June, 2008)
Ajou University, South Korea (June, 2008)
Korea University, South Korea (July, 2008)
The University of Tokyo, Japan (May, 2008)
Yokohama National University, Japan (May, 2008)
Kyoto University, Japan (May, 2008)
Osaka University, Japan (May, 2008)
Seoul National University (August, 2007, November, 2006, November, 2005)
Symposium on Economic Growth in East Asia, Seoul (November, 2006)
Syracuse University (March, 2006)
The 2005 Korea International Economics Association Conference (December, 2005)
Korea University (July, 2008; October, 2005)
The 2004 Far Eastern Econometric Society, Seoul (July, 2004)
Sungkyunkwan University (June, 2004)
The University of California at Los Angeles (April, 2004)
Pennsylvania State University (March, 2004)
The University of California at San Diego (November, 2003)
Rice University (February, 2003)
The Eighth Annual Texas Econometrics Camp, Texas, Austin (February, 2003)
The Tenth International Conference of Panel Data, Berlin, Germany (July, 2002)
The University of California at Davis (October, 2000)
University of British Columbia (October, 1999)
University College London (November 1998)

The Eighth International Conference of Panel Data, Göteborg, Sweden (June, 1998)
The University of California at Riverside (October, 1997)
The Seventh Panel Data Conference, Paris (June, 1997)
University of Oregon (May, 1997)
The Conference of Southern Economic Association at Washington, DC. (Nov., 1996)
University of Arizona (November 1996)
The Seventh World Congress at Keio University, Japan (August, 1995)
Rice University (November 1994)
Texas A & M University (November 1994)
The Arizona State - University of Arizona Accounting Interchange (October, 1994)
The Fifth Conference of Panel Data, Paris (June, 1994)
The 1993 Far Eastern Econometric Society, Taiwan (June, 1993)
The Fourth Conference of Panel Data at University of Economics, Budapest (June, 1992)
Arizona State University (February, 1992)
University of Michigan (April, 1990).

Grants

Summer Research Grant, College of Business, ASU, 2011, 2008, 1995-2005, 1991-1993.
Research Fund from Motorola, 1997-2000.

TEACHING:

Courses Taught

Introduction to Econometrics (undergraduate course)
Introduction to Mathematical Economics (undergraduate course)
Introduction to Microeconometrics (undergraduate course)
Mathematical Statistics (graduate course)
Econometrics I (graduate course)
Econometrics II (graduate course)
Time Series Econometrics (graduate course)
Topics in Advanced Econometrics (graduate course)

Ph.D. Advising

Juhee Bae (2021, lecturer at University of Glasgow, UK)
Kwang-shin Choi (2014, currently a senior economist at Korea Financial Supervisory Service)
Jin Xiang (2013, currently at Western Alliance Bank)
Adam Nowak (2011, currently an associate professor at Western Virginia University)
Na Wang (2011, currently an associate professor at Hoftra University)
Alex Horenstein (2009, currently an assistant professor at University of Miami)
Marcos Perez (2008, currently an associate professor at Wilfrid Laurier University)
Thomas Gareth (2005, currently a director at IHS Markit Eviews)

PROFESSIONAL SERVICE:

Refereeing

National Science Foundation; Econometrica; Journal of Econometrics; Journal of Applied Econometrics; Review of Economics and Statistics; International Economic Reviews; Journal of Business & Economics Statistics; Econometric Reviews; Econometrics Journal; Economics Letters; Economica; European Economic Review; Journal of Comparative Economics; Communications in Statistics; Journal of Economic Development; Empirical Economics; Annales d'Economic et de Statistique; Regional Science and Urban Economics; Advances in Econometrics; Journal of Empirical Economics; Psychometrika; Journal of Empirical Finance; Journal of Financial and Quantitative Analysis; Journal of Economic Dynamics and Control; Journal of Money, Credit and Banking; Computational Statistics and Data Analysis; Review of Financial Studies; Quantitative Finance; Quantitative Economics; Economics and Statistics; Swiss National Science Foundation; Southern Economic Journal; Journal of finance; Statistica Sinica; Journal of American Statistical Association; Journal of Productivity Analysis; American Journal of Political Science.

Consulting

Equity Methods (2011); On Semiconductor (2000); Motorola (1997-2000); World Bank (1994).

Journal Editorship

Associate Editor of Econometric Reviews
Editorial board member of International Journal of Empirical Economics (a journal from South Korea).