Atsushi Inoue

Curriculum Vitae

August 25, 2008

PERSONAL INFORMATION

Department of Agricultural and Resource Economics
North Carolina State University
Campus Box 8109
Raleigh, NC 27695-8109
Phone: 919-515-5969
E-Mail: atsushi@unity.ncsu.edu

Age: 40
Citizenship: Japanese
Visa Status: U.S. Permanent Resident

EMPLOYMENT

Associate Professor with Tenure, Department of Agricultural and Resource Economics, North Carolina State University, Raleigh, NC, 2003-Present.

Associate Professor with Tenure, Department of Economics, University of British Columbia, Vancouver, BC, Canada, 2006-2008.

Assistant Professor, Department of Agricultural and Resource Economics, North Carolina State University, Raleigh, NC, 1998-2003.

OTHER POSITIONS

Visiting Associate Professor, Department of Economics, University of Michigan, Ann Arbor, MI, 2003-2004.

Short-Term Visitor, Center for International Research on the Japanese Economy, Faculty of Economics, University of Tokyo, Tokyo, Japan, Summer 2002 and December 2003.

EDUCATION

Ph.D. in Economics, 1998, University of Pennsylvania, Philadelphia, PA.

M.A. in Economics, 1995, University of Pennsylvania, Philadelphia, PA.

M.A. in Economics, 1993, University of Tokyo, Tokyo, Japan.

B.A. in Economics, 1991, Yokohama National University, Yokohama, Japan.

AWARDS AND HONORS

Econometric Theory Multa Scripsit Award, 2007.

William Polk Carey Prize in Economics for the Outstanding Ph.D. Thesis Submitted to the Department of Economics, University of Pennsylvania, 1999.

Lawrence Robbins Prize in Economics for the Best First-Year Ph.D. Student, Department of Economics, University of Pennsylvania, 1994 (Co-Winner).

Hongyo Prize for the Best Essay, Faculty of Economics, Yokohama National University, 1990.

PUBLICATIONS

Articles in Peer-Reviewed Journals

Inoue, A., and L. Kilian, "How Useful is Bagging for Forecasting Economic Time Series? A Case Study of U.S. CPI Inflation," *Journal of the American Statistical Association*, 103, 511–522, 2008.

Inoue, A., and B. Rossi, "Forecasting and Monitoring Financial Crises," *Journal of Money, Credit and Banking*, 40, 523-534, 2008.

Hall, A.R. A. Inoue and C. Shin, "Entropy Based Moment Selection in the Presence of Weak Instruments," *Econometrics Reviews*, 27, 398–427, 2008.

Inoue, A., "Efficient Estimation and Inference of Linear Pseudo-Panel Data Models," *Journal of Econometrics,* 142, 449–466, 2008.

Hall, A.R., A. Inoue, K. Jana and C. Shin, "Information in Generalized Method of Moments Estimation and Entropy Based Moment Selection," *Journal of Econometrics,* 138, 488–512, 2007.

Inoue, A., "A Bootstrap Approach to Moment Selection," *Econometrics Journal*, 9, 48–75, 2006.

Inoue, A., and L. Kilian, "On the Selection of Forecasting Models," *Journal of Econometrics,* 130, 273–306, 2006.

Inoue, A., and G. Solon, "A Portmanteau Test for Serially Correlated Errors in Fixed Effects Models," *Econometric Theory*, 22, 835–851, 2006. (An earlier version is circulated as NBER Technical Working Paper 310)

Inoue, A., and M. Shintani, "Bootstrapping GMM Estimators for Time Series," *Journal of Econometrics,* 133, 531–555, 2006.

Inoue, A., and T. Vukina, "Testing for the Principal's Monopsony Power in Agency Contracts," *Empirical Economics*, 31, 717–734, 2006.

Inoue, A., and B. Rossi, "Recursive Predictability Tests for Real-Time Data," *Journal of Business and Economic Statistics*, 23, 336–345, 2005.

Inoue, A., and L. Kilian, "In-Sample or Out-of-Sample Tests of Predictability: Which One Should We Use?" *Econometric Reviews*, 23, 371–402, 2004.

Hall, A.R., A. Inoue and F.P.M. Peixe, "Covariance Matrix Estimation and the Power of the Overidentifying Restrictions Test Against Structural Instability," *Econometric Theory*, 19, 962–983, 2003.

Inoue, A., and L. Kilian, "How Essential is the Continuity of the Limit Distribution for the Success of the Bootstrap?" *Econometric Theory*, 19, 944–961, 2003.

Hall, A.R., and A. Inoue, "The Large Sample Behavior of the Generalized Method of Moments Estimator in Misspecified Models," *Journal of Econometrics,* 114, 361–394, 2003.

Hahn, J., and A. Inoue, “A Monte Carlo Comparison of Various Asymptotic Approximations to the Distribution of Instrumental Variables Estimators,” *Econometric Reviews*, 21, 309–336, 2002

Inoue, A., “Identifying the Sign of the Slope of a Monotonic Function via OLS,” *Economics Letters*, 75, 419–424, 2002.

Inoue, A., and L. Kilian, “Bootstrapping Smooth Functions of Slope Parameters and Innovation Variances in Infinite-Order VAR Models,” *International Economic Review*, 43, 309–332, 2002.

Inoue, A., and L. Kilian, “Bootstrapping Autoregressive Processes with Possible Unit Roots,” *Econometrica*, 70, 377–391, 2002.

Christoffersen, P., J. Hahn and A. Inoue, “Testing and Comparing Value-at-Risk Measures,” *Journal of Empirical Finance*, 8, 325–342, 2001.

Diebold, F.X., and A. Inoue, “ Long Memory and Regime Switching,” *Journal of Econometrics*, 105, 131–159, 2001.

Inoue, A., “Testing for Distributional Change in Time Series,” *Econometric Theory*, 17, 156–187, 2001.

Inoue, A., “Solution 98.5.1. A Useful Result for Lipschitz Functions of Mixingales,” *Econometric Theory*, 15, 780–781, 1999.

Inoue, A., “Tests of Cointegrating Rank with a Trend Break,” *Journal of Econometrics*, 90, 215–237, 1999.

Yabushita, S., and A. Inoue, “The Stability of the Japanese Banking System: A Historical Perspective,” *Journal of the Japanese and International Economies*, 7, 387–407, 1993. Reprinted in M. Smitka (ed.), *The Interwar Economy of Japan: Colonialism, Depression, and Recovery, 1910–1940*, 1998, 189–209, New York: Garland Publishing, Inc.

Other Publications

Diebold, F.X., L. Giorgianni and A. Inoue, “Stamp 5.0: Review,” *International Journal of Forecasting*, 12, 309–315, 1996.

Diebold, F.X., A. Hickman, A. Inoue and T. Schuermann, “Scale Models,” *Risk*, 104 -107, January 1998. Reprinted in M. Broadie and P. Glasserman (eds.), *Hedging with Trees: Advances in Pricing and Risk Managing Derivatives*, 1998, 233–237, London: Risk Publications.

Nishimura, K.G. and A. Inoue, “Labor’s Share in Japanese Manufacturing 1960-1990: ’Dual Structure’ and Imperfect Competition,” in T. Ishikawa ed. *Distribution of Income and Wealth in Japan*, University of Tokyo Press, 79–106, 1994 (in Japanese, English version available as Discussion Paper 95-F-30, Faculty of Economics, University of Tokyo).

Manuscripts Revision Requested and Resubmitted

Inoue, A. and L. Kilian, "Do Action Speak Louder Than Words? Household Expectations of Inflation Based on Micro Consumption Data."

Inoue, A., and G. Solon, "Two-Sample Instrumental Variables Estimators," NBER Technical Working Paper 311.

Work in Progress That Are Almost Complete

Inoue, A. and B. Rossi, "Which Structural Parameters Are "Structural"? Identifying the Sources of Instabilities in Economic Models."

Hall, A.R., A. Inoue, J.M. Nason and B. Rossi, "Information Criteria for Impulse Response Function Matching Estimation of DSGE Models."

Inoue, A. and B. Rossi, "Testing for Identification in Possibly Nonlinear Models."

Unpublished Manuscripts

Holt, M.T. and A. Inoue, "Climate Anomalies and World Commodity Prices: The Effects of El Nino and His Primos Segundos as Viewed Through a Rolling Window."

Inoue, A., "A Bayesian GMM in Large Samples."

Inoue, A., "A Conditional Goodness-of-Fit Test for Time Series."

PRESENTATIONS

Seminar Presentations

2008 University of Washington, Seattle.

2007 University of California, Davis.

2006 Hitotsubashi University (Tokyo, Japan), Kobe University (Kobe, Japan), Kyoto University (Kyoto, Japan), Osaka University (Osaka, Japan), Texas A&M University

2005 University of British Columbia, Indiana University, Bloomington, Ohio State University, University of Tokyo (Tokyo, Japan), University of Virginia, Yokohama National University (Yokohama, Japan).

2004 University of California, Riverside.

2003 Louisiana State University, University of Maryland, Michigan State University, University of Montreal, University of Tokyo (Tokyo, Japan).

2002 Boston College, Hitotsubashi University (Tokyo, Japan), Pennsylvania State University, University of Pittsburgh, Queen's University, Tokyo Metropolitan University (Tokyo, Japan), University of Tokyo (Tokyo, Japan), Waseda University (Tokyo, Japan), University of Wisconsin, Yokohama National University (Yokohama, Japan).

2001 University of Michigan, Virginia Polytechnic Institute and State University.

2000 Brown University, University of Michigan, Ohio State University.

1999 Kyoto University (Kyoto, Japan), Waseda University (Tokyo, Japan).

1998 Cornell University, North Carolina State University, University of Rochester, Yale University.

Conference Presentations

2008 European Meeting of the Econometric Society, Milan, Italy (August 27–31).
Annual Meeting of the Canadian Economic Association, Vancouver, Canada.

2007 CIREQ Conference on GMM, Montreal, Canada.
North American Summer Meeting of the Econometric Society, Durham, NC.
NBER/NSF Time Series Conference, Iowa City, IA (poster presentation).

2006 North American Winter Meeting of the Econometric Society, Boston, MA.
Canadian Econometrics Study Group Conference, Niagara Falls, Canada.
Triangle Econometrics Conference, RTP, NC.
CIREQ Time Series Conference, Montreal, Canada.

2005 The 12th Panel Data Conference, Copenhagen, Denmark.
The 2nd Conference on Information and Entropy Econometrics: Theory, Method and Applications, Washington D.C.

2004 Hitotsubashi Conference on Economic Statistics, Tokyo, Japan.
Conference for Young Researchers on Forecasting in Time Series, Durham, NC.
6th Financial Econometrics Conference, Waterloo, Canada.

2003 14th EC^2 Conference, London, UK.
North American Winter Meeting of the Econometric Society, Washington D.C.
Triangle Econometrics Conference, RTP, NC.

2002 NBER/NSF Time Series Conference, Philadelphia, PA (poster presentation).

2001 Colloque CRDE Conference, Resampling Methods in Econometrics, Montreal, Canada.
NBER Summer Institute, Cambridge, MA.
North American Summer Meeting of the Econometric Society, College Park, MD.

2000 Joint Statistical Meeting, Indianapolis, IN.
Midwest Econometrics Group Meeting, Chicago, IL.
North American Winter Meeting of the Econometric Society, Boston, MA.
Triangle Econometrics Conference, RTP, NC.
World Congress of the Econometric Society, Seattle, WA.

1999 Midwest Econometrics Group Meeting, Ames, IA.
North American Summer Meeting of the Econometric Society, Madison, WI.

1998 North American Summer Meeting of Econometric Society, Montreal, Canada.
NSF Symposium on Nonlinear Time Series Models, Berkeley, CA.
Triangle Econometrics Conference, RTP, NC.

1997 Third International Conference on Computing in Economics and Finance, Stanford, CA.

1996 North American Summer Meeting of Econometric Society, Iowa City, IA.

Discussant

2008 Canadian Econometrics Study Group Conference, Montreal, Canada (September 27–28).
Annual Meeting of the Canadian Economic Association, Vancouver, Canada.

2005 Simulation Based and Finite Sample Inference in Finance (SBFSIF) Conference II, Quebec City, Canada.

2003 NBER/NSF Time Series Conference, Chicago, IL.

2001 North American Winter Meeting of Econometric Society, New Orleans, LA.

1999 Cowles Foundation Econometrics Conference, New Haven, CT.
North American Summer Meeting of Econometric Society, Madison, WI.
North American Winter Meetings of Econometric Society, New York, NY.

1996 North American Summer Meeting of Econometric Society, Montreal, Canada.

Session Chair

2008 Annual Meeting of the Canadian Economic Association, Vancouver, Canada.

2007 Joint Statistical Meeting, Salt Lake City, UT.

2000 Joint Statistical Meeting, Indianapolis, IN.

1997 Third International Conference on Computing in Economics and Finance, Stanford, CA.

OTHER PROFESSIONAL ACTIVITIES

Associate Editor, *Journal of Business and Economic Statistics*, February 2002–Present.

Scientific Committee Member of the CIREQ GMM Conference in Montreal, QC, November 16–17, 2007.

Session Organizer in the 2007 Joint Statistical Meeting, Salt Lake City, UT, July 29–August 2, 2007.

Local Organizing Committee Member of the 2001 NBER/NSF Time Series Conference, Raleigh, NC.

Referee for

American Economic Review, Computational Statistics and Data Analysis, Econometric Reviews, Econometric Theory, Econometrica, Econometrics Journal, Empirical Economics, European Financial Review, European Journal of Agricultural Economics, International Economic Review, Japanese Economic Review, Journal of Agricultural and Resource Economics, Journal of the American Statistical Association, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Econometrics, Journal of Economic Dynamics and Control, Journal of Empirical Finance, Journal of Financial Econometrics, Journal of International Economics, Journal of Money, Credit and Banking, Journal of Risk, Journal of the Japanese and International Economies, Journal of Time Series Analysis, Oxford Economic Papers, Review of Economic Studies, Studies in Nonlinear Dynamics and Econometrics, Cambridge

University Press, National Science Foundation, Social Sciences and Humanities Research Council of Canada.

Professional Affiliation

American Agricultural Economics Association, American Statistical Association, Econometric Society.

TEACHING EXPERIENCE

University of British Columbia, Vancouver, BC

Taught Applied Econometrics (Ph.D. Level), Term 1, 2006, Term 1, 2007.

Taught Mathematics for Economists (Master Level), Term 1, 2006, Term 1, 2007.

University of Michigan, Ann Arbor, MI

Taught Theoretical Econometrics (Ph.D. Level), Winter 2004

Taught Introduction to Statistics (Undergraduate Level), Fall 2003.

North Carolina State University, Raleigh, NC

Taught Econometrics (Ph.D. Level), Fall 2004, Fall 2005.

Taught Topics in Econometrics (Ph.D. Level), Spring 1999, Spring 2000, Spring 2001, Spring 2002, Spring 2003.

Taught Mathematical Methods for Economics (Master Level), Spring 1999, Spring 2000, Spring 2001, Spring 2002, Spring 2003, Fall 2004, Fall 2005.

Graduate Student Advising (In parentheses are their degree, year and initial positions)

Committee Co-Chair: Wen Ji (Ph.D., 2003, SAS).
Committee Member (NCSU): Almukhtar Al-Abri (Ph.D., 2005), Carlos Carpio (Ph.D., 2006, Clemson), Gunce Eryuruk (Ph.D., in progress), Tia Hilmer (Ph.D., 2001, Virginia Tech), Chienyu Huang (Ph.D., in progress), Mehmet Ivrendi (Ph.D., 2004, Nigde University, Turkey), Kostas Kyriakoulis (Ph.D., 2006, SAS), Lei Ji (Ph.D., in progress), Oleksandr Movchan (Ph.D., in progress), Pedro Oviedo (Ph.D., 2003, Iowa State), Kapil Sen (Ph.D., 2002), Eddie Smith (Master, 2002), Changmock Shin (Ph.D., North Carolina State, 2005), Kemal Turkcan (Ph.D., 2003, Turkey).
Committee Member (UBC): Haifang Huang (Ph.D., 2008, Alberta), Bohdan Nosyk (Ph.D., in progress)

GRANTS

SSHRC Standard Research Grant, "Topics in Macroeconometrics and Microeconometrics," $59000

(CAD), 2007–2010 (Inactivated in 2008).

CALS Overhead Equipment Grant, $2,350, 1998.

University Services

North Carolina State University

Departmental Computer Advisory Board, 1998–present.

Economics Graduate Programs Faculty Member, December, 2000–present.

Associate Member of the Department of Statistics, December, 2002–present.

Financial Mathematics Faculty Member, July, 2003–present.

Graduate School Representative (from 2008 on only) Preliminary Oral Exam (Deyao Ren, July 2008).

University of British Columbia

Graduate Studies Admission and Recruitment Committee (2007-2008).

Chair of Final Doctoral Exam (Binyamin Mantin, February, 2008).

University Examiner of Final Doctoral Oral Exam (Kazuko Kano, November, 2006).

University Examiner of Final Doctoral Oral Exam (Francis Vitek, May, 2007).

University Examiner of Final Doctoral Oral Exam (Shahadut Hossain, May, 2007).

Examiner at Department Defense (Francis Vitek, February, 2007).