CURRICULUM VITAE

Yong BAO

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Contact Information

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Education

University of California, Riverside (September 1999 – June 2004)
Ph.D. in Economics, June 2004
M.A. in Economics, March 2002

University of International Business and Economics, Beijing, China (September 1994 – July 19998)
Bachelor of Economics (with distinction), July 1998

Academic Employment

Professor of Economics, Purdue University, Aug 2017–
Professor of Economics and Department Head, University of Macau, China, 2016–2017
Associate Professor of Economics (with tenure), Purdue University, 2010-2017 (on leave during 2016–17)
Associate Professor of Economics (without tenure), Purdue University, 2008-2010
Assistant Professor of Economics, Temple University, 2007-2008
Assistant Professor of Economics, University of Texas at San Antonio, 2004-2007
Teaching Associate, Extension Center, University of California, Riverside, 2002, 2003, 2004

Refereed Publications

1. Bao, Y. "The Asymptotic Covariance Matrix of the QMLE in ARMA Models," *Econometric Reviews*, forthcoming.
2. Bao, Y., A. Ullah and Y. Wang (2017). "The Distribution of the Mean Reversion Estimator in the Ornstein-Uhlenbeck Process," *Econometric Reviews* 36(6-9), 1039-1056.
3. Bao, Y. (2016). "Finite-Sample Bias of the Conditional Gaussian Maximum Likelihood Estimator in ARMA Models," *Advances in Econometrics* 36, 207–244.
4. Lo, M. and Y. Bao (2016). "Are Overall Journal Rankings a Good Mapping for Article Quality in Specialty Fields?" *Journal of Business & Economic Statistics* 34(1), 62–67.
5. Bao, Y., A. Ullah, Y. Wang, and J. Yu (2015). "Bias in the Estimation of Mean Reversion in Continuous-Time Lévy Processes," *Economics Letters* 134, 16–19.
6. Bao, Y. (2015). "Should We Demean the Data?" *Annals of Economics and Finance* 16(1), 163–171.
7. Bao, Y., A. Ullah, and R. Zhang (2014). "Moment Approximation for Least-Squares Estimator in First-Order Regression Models with Unit Root and Nonnormal Errors," *Advances in Econometrics* 33, 65–92.
8. Bao, Y. and Y. Hua (2014). "On the Fisher Information Matrix of a Vector ARMA Process," *Economics Letters* 123(1), 14–16.

9. Bao, Y. and R. Zhang (2013). "Estimation Bias and Feasible Conditional Forecasts from the First-Order Moving Average Model," *Journal of Time Series Econometrics* 6(1), 63–80.
10. Bao, Y., A. Ullah, and V. Zinde-Walsh (2013). "On Existence of Moment of Mean Reversion Estimator in Linear Diffusion Models," *Economics Letters* 120(2), 146–148.
11. Bao, Y. and R. Kan (2013). "On the Moments of Ratio of Quadratic Forms in Normal Random Variables," *Journal of Multivariate Analysis* 117, 229–245.
12. Bao, Y. (2013). "On Sample Skewness and Kurtosis," *Econometric Reviews* 32(4), 415–448.
13. Bao, Y. (2013). "Finite Sample Bias of the QMLE in Spatial Autoregressive Models," *Econometric Theory* 29(1), 68–88. (Erratum at *Econometric Theory* 29(1), 89.) (Appendix)
14. Tooley, J., Y. Bao, P. Dixon, and J. Merrifield (2011). "School Choice and Academic Performance: Some Evidence from Developing Countries," *Journal of School Choice* 5(1), 1–39.
15. Bao, Y., M. Lo, and F.G. Mixon Jr. (2010). "General-Interest versus Specialty Journals: Using Intellectual Influence of Econometrics Research to Rank Economics Journals and Articles," *Journal of Applied Econometrics* 25(2), 345–353.
16. Bao, Y. and A. Ullah (2010). "Expectation of Quadratic Forms in Normal and Nonnormal Variables with Applications," *Journal of Statistical Planning and Inference* 140(5), 1193–1205.
17. Bao, Y., T.M. Fullerton Jr., and D. Lien (2009). "Borderplex Menu Evidence for the Law of One Price: A Convergence Approach," *Applied Economics Letters* 16, 1717–1720.
18. Bao, Y. and A. Ullah (2009). "Higher-Order Bias and MSE of Nonlinear Estimators," *Pakistan Journal of Statistics* 25(4), 587–594.
19. Bao, Y. and A. Ullah (2009). "On Skewness and Kurtosis of Econometric Estimators," *The Econometrics Journal* 12(2), 232–247.
20. Bao, Y. (2009). "Estimation Risk Adjusted Sharpe Ratio and Fund Performance Ranking under a General Return Distribution," *Journal of Financial Econometrics* 7(2), 152–173.
21. Bao, Y. and S. Dhongde (2009). "Testing Convergence in Income Distribution," *Oxford Bulletin of Economics and Statistics* 71(2), 295–302.
22. Bao, Y. (2009). "Finite Sample Moments of the Coefficient of Variation," *Econometric Theory* 25(1), 291–297. (Erratum.)
23. Bao, Y., F. Firoozi, and M. Lo (2008). "A Monte Carlo Power Comparison of the Classical and One-Sided Procedures for Testing Linear Inequalities," *Journal of Quantitative Economics* 6(1-2), 233–239.
24. Bao, Y. (2007). "The Approximate Moments of the Least Squares Estimator for the Stationary Autoregressive Model under a General Error Distribution," *Econometric Theory* 23(5), 1013–1021.
25. Bao, Y. and A. Ullah (2007). "The Second-Order Bias and Mean Squared Error of Estimators in Time Series Models," *Journal of Econometrics* 140(2), 650–669.
26. Bao, Y. (2007). "Finite Sample Properties of Forecasts from the Stationary First-Order Autoregressive Model under a General Error Distribution," *Econometric Theory* 23(4), 767–773.
27. Bao, Y. and A. Ullah (2007). "Finite Sample Properties of Maximum Likelihood Estimator in Spatial Models," *Journal of Econometrics* 137(2), 396–413.
28. Bao, Y., T.-H. Lee, and B. Saltoğlu (2007). "Comparing Density Forecast Models," *Journal of Forecasting* 26(3), 203–225.
29. Bao, Y., T.-H. Lee, and B. Saltoğlu (2006). "Evaluating Predictive Performance of Value-at-Risk Models in Emerging Markets: A Reality Check," *Journal of Forecasting* 25(2), 101–128.
30. Bao, Y. and A. Ullah (2006). "Moments of the Estimated Sharpe Ratio when the Observations are not IID," *Finance Research Letters* 3(1), 49–56. (Erratum)
31. Bao, Y. and T.-H. Lee (2006). "Asymmetric Predictive Abilities of Nonlinear Models for Stock Returns: Evidence from Density Forecast Comparison," *Advances in Econometrics* 20(B), 41–62.
32. Bao, Y. and A. Ullah (2004). "Bias of a Value-at-Risk Estimator," *Finance Research Letters* 1(4), 241–249.
33. Bao, Y. and J.-T. Guo (2004). "Reexamination of Economic Growth, Tax Policy, and Distributive Politics," *Review of Development Economics* 8(3), 474–482.

Book Chapter and Editorial

34. Bao, Y., Y. Fan, L. Su, and V. Zinde-Walsh (2016). "A Selective Review of Aman Ullah's Contributions to Econometrics," *Advances in Econometrics* 36, 3–43.
35. Bao, Y., R. Florax, and J. Le Gallo (2014). "Contributions to Spatial Econometrics," *International Regional Science Review* 37(3), 247–250.

Working Papers

1. "A General Result on the Estimation Bias of ARMA Models."
2. "Indirect Inference Estimation of Dynamic Panel Data Models."
3. "Indirect Inference Estimation of Spatial Autoregressions."

Professional Activities

Editorial Position and Conferences Organization

Local Organization Committee, IVth World Conference of the Spatial Econometrics Association
Guest Co-Editor, *International Regional Science Review*, special issue on spatial econometrics, 2014, 37(3)

Conference Presentations

The 3rd Dongbei Econometrics Workshop, Dalian, July 2017 (Keynote speaker)
Workshop of Advanced Quantitative Methods in Social Sciences, Macau, June 2017
The Second South Lake Innovation Forum for International Young Talents, Wuhan, May 2017
2017 International Symposium on Economics, Xi'An, March 2017 (Keynote speaker)
2015 CICF Annual Conference, Shenzhen, July 2015 (discussant)
2015 CES Annual Conference, Chongqing, June 2015
Advances in Econometrics Conference, Riverside, March 2015
2014 CES Annual Conference, Guangzhou, June 2014
Advances in Econometrics Conference, Dallas, November 2013
23rd Annual Meeting of Midwest Econometrics Group, Bloomington, October 2013
22nd Annual Meeting of Midwest Econometrics Group, Lexington, September 2012
2012 International Symposium on Econometric Theory and Applications, Shanghai, May 2012
2012 ASSA Annual Meeting, Chicago, January 2012 (discussant)
2011 CES Annual Conference, Beijing, June 2011
IVth World Conference of Spatial Econometric Association, Chicago, June 2010
2010 International Symposium on Econometric Theory and Applications, Singapore, May 2010
19th Annual Meeting of Midwest Econometrics Group, West Lafayette, September 2009
18th Annual Meeting of Midwest Econometrics Group, Lawrence, October 2008
25th Annual Meeting of Canadian Econometrics Study Group, Montreal, October 2008
2nd Annual Risk Management Conference, Risk Management Institute, Singapore, July 2008
57th Annual Meeting of Midwest Finance Association, San Antonio, March 2008
17th Annual Meeting of Midwest Econometrics Group, Saint Louis, October 2007
87th SSSA Annual Meeting, Albuquerque, March 2007
2007 ASSA Annual Meeting, Chicago, January 2007 (discussant)
25th International Forecasting Symposium, San Antonio, June 2005
13th Annual Meeting of Midwest Econometrics Group, Columbia, October 2003
2003 NBER/NSF Time Series Conference, Chicago, September 2003 (poster session)

Seminar Talks

Concordia University
CUNY-Baruch
Dongbei University of Finance and Economics (School of Mathematics and Quantitative Economics)
Florida International University
Huazhong Agricultural University (College of Economics & Management)
Indiana University South Bend
Purdue University (Department of Economics and Department of Statistics)
Ohio State University
Peking University (Guanghua School of Management and Center for Statistical Science)
Rice University
Singapore Management University
South China Normal University (School of Economics and Management)
SUNY Binghamton
Temple University
University of California, Riverside
University of Connecticut
University of International Business and Economics (School of Information Technology & Management)
University of Macau
University of Maryland
University of Texas at Dallas
University of Texas at El Paso
University of Texas at San Antonio (Department of Economics and Department of Statistics)

Referee for

*Advances in Econometrics**
Applied Financial Economics
Bulletin of Economic Research
Communications in Statistics-Simulation and Computation
*Computational Statistics and Data Analysis**
*Econometric Reviews**
*Econometric Theory**
Econometrics
*The Econometrics Journal**
*Economics Letters**
Emerging Market Finance and Trade
*Empirical Economics**
Entropy
Finance Research Letters
*International Journal of Forecasting**
*International Journal of Social Economics**
International Journal of Theoretical and Applied Finance
*International Review of Economics and Finance**
*Journal of Applied Econometrics**
*Journal of Econometric Methods**
*Journal of Econometrics**
Journal of Economic Inequality
Journal of Economics and Business

Journal of Empirical Finance
Journal of Financial Stability
Journal of Forecasting
Journal of Mathematical Finance
Journal of Statistical Computation and Simulation
*Management Science**
North American Journal of Economics and Finance
Oxford Bulletin of Economics and Statistics
Oxford Economic Papers
Regional Science and Urban Economics
Statistical Papers
Studies in Nonlinear Dynamics & Econometrics
*Statistics & Probability Letters**
(*denotes multiple reviews for the same journal)

Reviewer for

57th Annual Meeting of Midwest Finance Association
Cambridge University Press
Canada Foundation for Innovation
Oxford University Press
Social Sciences and Humanities Research Council of Canada
World Scientific Publishing

Teaching and Supervision

Purdue University

Time Series Econometrics (Ph.D. course)
Financial Econometrics (master course; distinguished teacher for Spring 2014, 2015, 2017)
Intermediate Macroeconomics II (master course for Agricultural Economics)
Econometrics (undergraduate course; distinguished teacher for Spring 2014)
Ph.D. supervision:
  Haiqing ZHAO (committee member, in progress)
  Lihong YANG (committee member, 2013, placed at Renmin University, China)
  Zhiying GU (committee member, 2015, placed at Amazon.com)

University of Macau

Econometric Analysis I (master/Ph.D. course)
Econometric Analysis II (master/Ph.D. course)
Master student supervision:
  Yuyu SONG (supervisor, 2017, placed at Bank of China)

Temple University

Econometrics I (Ph.D. course)
Macroeconomic Principles (undergraduate course)

University of Texas at San Antonio

Econometrics (Ph.D. course)
Time Series Analysis (Ph.D. course)
Econometrics and Business Forecasting (master course)
Introduction to Mathematical Economics (undergraduate course)
Introduction to Econometrics and Business Forecasting (undergraduate course)
Introductory Macroeconomics (undergraduate course)
Master student supervision:
Emmanuel Hernandez

University of California, Riverside

Introduction to Macroeconomics (undergraduate course)
Macroeconomic Theory (undergraduate course)

Service

Purdue University

Ph.D. Admission Committee, Department of Economics, 2016
Recruiting Committee, Department of Economics, 2009, 2011, 2012, 2013, 2014, 2015
IT Committee, Krannert School of Management, 2008–2016
Workshop Coordinator, Department of Economics, Spring 2009, Fall 2009

University of Macau

University Senate, 2016-2017
University Academic Quality Assurance Committee, 2016-2017
University Promotion Committee, 2016-2017
Faculty Promotion Committee, Faculty of Social Sciences, 2016-2017
Faculty Executive Committee, Faculty of Social Sciences, 2016-2017
Recruiting Committee, Department of Economics, 2015-2017
Master Program Admission Committee, Department of Economics, 2016-2017

Temple University

Graduate Affairs Committee, Department of Economics, 2007-2008
Hiring Committee, Department of Economics, 2007–2008
Lectures/Seminars Coordinator, Department of Economics, 2007-2008

University of Texas at San Antonio

Graduate Faculty Committee, 2004–2007
Ph.D./Research Committee, College of Business, Spring 2005
Academic Policy and Curriculum Committee, Department of Economics, 2006-2007
Graduate Curriculum Committee, Department of Economics, 2005-2007
M.A. Oral Examination Committee, Department of Economics, Spring 2005, Spring 2006

Honors and Awards

Faculty Fellow, Krannert School of Management, Purdue University, 2009–2010
John and Mary Willis Young Faculty Scholar, Krannert School of Management, Purdue University, 2009
PRF International Travel Grant, Krannert School of Management, Purdue University, 2010,11,12,15
Summer Research Grant, College of Business, University of Texas at San Antonio, 2006
Graduate Research Award, University of California, Riverside, 2004
Chancellor's Distinguished Fellowship, University of California, Riverside, 1999-2004
Graduate Student Association Mini Grant (3), University of California, Riverside, 2003
Outstanding Graduate, City of Beijing, 1998
DHL-SinoTrans Scholarship, University of International Business and Economics, 1997
Japan Life Scholarship, University of International Business and Economics, 1996
Award for Overall Student Excellence, University of International Business and Economics, 1995, 96, 97

References

Available upon request