

Graham Elliott

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EMPLOYMENT

Jul 03 - present: Professor, Department of Economics, University of California, San Diego.
Jul 21 – present Sir Clive Granger Professor of Econometrics.
Jul 18 – Jun 21: Chair, Department of Economics, University of California, San Diego.
Jul 99 - Aug 03: Associate Professor, Department of Economics, University of California, San Diego.
Jul 94 - Jun 99: Assistant Professor, Department of Economics, University of California, San Diego.
Visiting Positions:
Sept 06 – Jan 07 Visiting Professor, Massachusetts Institute of Technology
Jan 06 – Jun 06 Visiting Professor, Harvard University
Sept 05 – Jan 06 Visiting Professor, Massachusetts Institute of Technology
Mar 03 – May 03 Visiting Scholar, Princeton University.

Other shorter duration visiting positions: Becker Friedman Scholar at the University of Chicago, University of NSW, Universite de Montreal, University of Technology, Sydney, Columbia University, Nottingham University.

EDUCATION

Harvard University

Ph.D. Economics, June, 1994.

AM Economics, May 1992.

Dissertation: “Applications of Local to Unity Asymptotic Theory to Trending Time Series Data”

Thesis Advisor: Professor James H. Stock

Fields: Econometrics, International Finance, Macroeconomics

University of New South Wales, Sydney, Australia

B.Comm (Economics/Econometrics), Honours First Class, 1987.

BOOKS

“Economic Forecasting”, Princeton University Press, (with Allan Timmermann), 2016.

PAPERS – Published

“Detecting p-hacking”, forthcoming *Econometrica*, (joint with Nikolay Kudrin and Kaspar Weutrich).

"Testing for a Trend with Persistent Errors", *Journal of Econometrics*, 219, 2, 314-328, 2020.

"Combined Economic and Technological Evaluation of Battery Energy Storage for Grid Applications." *Nature Energy*, (with D. Davies, O. Mynshenko, R. Rajeev, M. Verde, Y. Chen and Y.S. Meng), 4,42-50, 2019.

“Forecast Combination when Outcomes are Difficult to Predict”, *Empirical Economics*, 53(1), pp7-20, 2017

“Forecasting in Economics and Finance”, *Annual Review of Economics*, 8, pp81-110. (with A.Timmermann), 2016.

“Forecasting Conditional Probabilities of Binary Outcomes under Misspecification”, *Review of Economics and Statistics*, 98,4, pp742-755. (with D. Ghanem and F. Krueger), 2016.

“Complete Subset Regressions with Large-Dimensional Sets of Predictors”, *Journal of Economic Dynamics and Control*, 54, p86-110. (with A.Gargano and A. Timmermann), 2015.

“Nearly Optimal Tests when a Nuisance Parameter is Present Under the Null Hypothesis”, *Econometrica*, 83, p771-811. (with U. Mueller and M.W.Watson), 2015.

“Pre and Post Break Parameter Inference”, *Journal of Econometrics*, 180, 141-157 (joint with U. Mueller), 2014.

“Complete Subset Regressions”, *Journal of Econometrics*, 177, 357-373. (joint with A. Timmermann and A. Gargano) 2013.

“Predicting Binary Outcomes”, *Journal of Econometrics*, 174, 15-26, (joint with Robert Lieli) 2013.

“A control function approach for testing the usefulness of trending variables in forecast models and linear regression”, *Journal of Econometrics*, 164, 79-91, 2011.

“Testing the null of no cointegration when covariates are known to have a unit root”, *Econometric Theory*, 25, 1829-1850. (joint with Elena Pesavento), 2009.

“Economic Forecasting”, *Journal of Economic Literature*, 46, 3-56. (joint with A. Timmermann), 2008.

“Biases in Macroeconomic Forecasts: Irrationality or Asymmetric Loss?”, *Journal of the European Economic Association*, 6(1), 122-157. (joint with I. Komunjer and A. Timmermann), 2008.

“Confidence Sets for the Date of a Single Break in Linear Time Series Regressions”, *Journal of Econometrics*, 141, 1196-1218. (joint with U. Mueller), 2007.

“Forecasting with Trending Data”, Chapter 11 in *Handbook of Economic Forecasting*, Vol 1, (G. Elliott, C.W.J Granger and A. Timmerman eds.) North-Holland, 2006.

"Efficient Tests for General Persistent Time Variation in Regression Coefficients", *Review of Economic Studies*, 73, 907-940, (joint with U. Mueller), 2006.

"Minimizing the Impact of the Initial Condition on Testing for Unit Roots", *Journal of Econometrics*, 135, 285-310 (joint with U. Mueller), 2006

"Higher Power Tests for Bilateral Failures of PPP After Bretton Woods," *Journal of Money, Credit and Banking*, 38, 6, 1405-1430 (joint with E. Pesavento), 2006.

"Estimating Loss Function Parameters", *Review of Economic Studies*, 72, 1107-1125 (with I.Komunjer and A.Timmermann), 2005.

"Optimal Power for Testing Potential Cointegrating Vectors with Known Parameters for Nonstationarity", *Journal of Business and Economic Statistics*, 23, 34-48. (with E. Pesavento, M. Jansson). 2005.

"Optimal Forecast Combination Under Regime Switching", *International Economic Review*, 46(4), 1081-1102. (with A. Timmermann), 2005.

"Optimal Forecast Combinations Under General Loss Functions and Forecast Error Distributions", *Journal of Econometrics*, 122, 47-79. (with A. Timmermann), 2004.

"Tests for Unit Roots and the Initial Condition", *Econometrica*, 71, 1269-86 (with U. Mueller), 2003.

"Testing for Unit Roots with Stationary Covariates", *Journal of Econometrics*, 115, 75-89. (with M.Jansson), 2003.

"Confidence Intervals for Autoregressive Coefficients Near One", *Journal of Econometrics*, 103, pp155-81 (with J. Stock), 2001.

"Estimating Restricted Cointegrating Vectors", *Journal of Business and Economic Statistics*, 18, 91-99, 2000.

"Heterogenous Expectations and Tests of Efficiency in the Yen/Dollar Forward Foreign Exchange Rate Market", *Journal of Monetary Economics*, 43, 435-56. (with T. Ito) 1999. To be reprinted in New Developments in Exchange Rate Economics, L. Sarno and M.P. Taylor eds. Edward Elgar Publishing: UK.

"Efficient Tests for a Unit Root When the Initial Observation is Drawn from its Unconditional Distribution", *International Economic Review*, 40, 767-783, 1999.

"The Robustness of Cointegration Methods when Regressors Almost Have Unit Roots", *Econometrica*, 66, 149-58, 1998.

"International Business Cycles and the Current Account" (with A.Fatas) *European Economic Review*, 40, 361-87, 1996.

"Efficient Tests for an Autoregressive Unit Root", *Econometrica*, 64, 813-836 (with J.H.Stock, T.J.Rothenberg), 1996. To be reprinted in Recent Developments in Time Series, P.Newbold and S.J. Leybourne eds. Edward Elgar Publishing: UK.

"Inference in Models with Nearly Nonstationary Regressors", (with C.L.Cavanagh and J.H.Stock), *Econometric Theory*, 11, 1131-47, 1995.

"Inference in Time Series Regression When the Order of Integration of a Regressor is Unknown" *Econometric Theory*, 10, 672-700 (with J.H.Stock), 1994.

"The Transmission of Monetary Policy - The Relationship Between Overnight Cash Rates" *Economic Record*, 70 19-25 (with R.A. Bewley), 1994.

"Some Evidence on Option Prices as Predictors of Volatility", *Oxford Bulletin of Economics and Statistics*, 54, 567-78, (with M. Edey), 1992.

"The Role and Performance of Financial Futures and Options Markets in Australia", Ch6 in Developments in Australian Monetary Economics, C.Kearney and R.MacDonald eds. Longman Cheshire: Melbourne, 1991. (with M. Edey).

"Accounting for Non-Stationarity in Demand Systems", Ch4 pp58-73 in Contributions to Consumer Demand and Econometrics, R.A.Bewley and T.V.Hoa eds, McMillan: London, 1992. (with R.A.Bewley).

Book Reviews and Comments

"Nonparametric Econometrics", by A. Pagan and A. Ullah, *Journal of Economic Literature*, 38, 938-9,2000.

"Time Series Analysis: Nonstationary and Noninvertible Distribution Theory", by K. Tanaka, *Econometric Theory*,14, 511-516.

"Comment on 'Forecasting with a Real-Time Data Set for Macroeconomists' by Tom Stark and D. Croushore", (2002), *Journal of Macroeconomics*, 24, 533-539.

"Evaluating Significance: Comments on 'Size Matters' by D. McClosky", *Journal of Socio-Economics*, 33, 547-550, 2004. (with C.W.J. Granger).

Book Editing

Handbook of Economic Forecasting, Vol 1, North-Holland (joint with C.W.J. Granger and A. Timmermann), 2006.

Handbook of Economic Forecasting, Vols 2a,2b, North-Holland (joint with A. Timmermann), 2013.

EDITORIAL BOARDS

Co-Editor, *International Journal of Forecasting*, 2007-2015.

Associate Editor, *Econometric Reviews*, 2002-2005

Advisory Editor, *Economics Letters*, 2003-present

Associate Editor, *Econometric Theory*, 2003-2020.

Associate Editor, *Journal of Applied Econometrics*, 2003-present

Associate Editor, *Journal of Business and Economic Statistics*, 2003-present.

Associate Editor, *Annals of Applied Statistics*, 2011-present

PROFESSIONAL COURSES

Forecasting, Aarhus University, Denmark, June 2002 (3 day course)

Forecasting, Scuola Estiva di Econometria, Bertinoro, Italy (6 day course)

Forecasting, Universidad del Rosario, 2009, Colombia (5 day course)

Forecasting, American University, 2010 (4 day course)

Forecasting, Euro Area Business Cycle Network, 2021 (4 day course)

OTHER PROFESSIONAL ACTIVITIES

Co-Organizer, Conference in Honor of the Retirement of Clive Granger, January 6-7, 2004. (Special conference issue of *Journal of Econometrics*).

Program Committee, 2005 North American Winter Meeting of the Econometric Society, Philadelphia, January 7-9, 2005.

Program Chair, 2010 American Statistical Society Joint Statistical Meetings, Business and Economics Section, Vancouver, Canada, August 1-6.

Program Committee, 2011, Asian meeting of the Econometric Society, Korea.
Program Committee, 2018, Symposium on Econometric Theory and Applications, Sydney.
Program Committee, 2018, International Association of Applied Econometrics, Montreal.
Program Committee, 2019, International Association of Applied Econometrics, Cyprus.
Co-Organizer and Program Committee, 2018, NBER-NSF Time Series Conference, San Diego.
JOE Fellows Award Committee, 2018 Arnold Zellner Award.
Co-Director, Pacific Center for Asset Management. 2019-present.
Board of Directors, National Bureau of Economic Research, 2019-present.

HONORS AND AWARDS

Menzies Foundation Scholarship 1989-1990.
Review of Economic Studies Tour, 1994.
Zellner Prize, honourable mention 1996
National Science Foundation Grant, 1998.
National Science Foundation Grant, 2001-2002.
DOE ARPAe Grant, 2016-2018.
Fellow, Journal of Econometrics, 2014-present.
Fellow of the Econometrics Society, 2021-present.

PERSONAL INFORMATION

Nationality: Australian, US.