Dante Amengual

CEMFI
Casado del Alisal 5
28014 Madrid - Spain

Phone: +34 914 290 551
Fax: +34 914 291 056
E-mail: amengual@cemfi.es

http:/www.cemfi.es/~amengual

Current Affiliation

Associate Professor with Tenure, CEMFI, Madrid, Oct. 2015 –

Past Appointments

Assistant Professor, CEMFI, Madrid, Sept. 2009 – Sept. 2015

Education

Ph.D. in Economics, Princeton University, Princeton, 2009
M.A. in Economics, Princeton University, Princeton, 2006
M.Sc. in Economics and Finance, CEMFI, Madrid, 2004
B.A. in Economics, Universidad de la República, Montevideo, 2002

Research Fields

Econometrics: Approximate factor models, Time series
Asset pricing: Risk-management, Predictability of stock returns, Mean-variance analysis
Financial econometrics: Volatility modeling, Financial derivatives

Publications

Papers:

"Testing distributional assumptions using a continuum of moments", with Marine Carrasco and Enrique Sentana, forthcoming in the *Journal of Econometrics*

"Is a normal copula the right copula?", with Enrique Sentana, forthcoming in the *Journal of Business and Economic Statistics*

"Normality tests for latent variables", with Martín Almuzara and Enrique Sentana, *Quantitative Economics*, 10 (3), pp. 981–1017, July 2019

"Resolution of policy uncertainty and sudden declines in volatility", with Dacheng Xiu, *Journal of Econometrics*, 203 (2), pp. 297–315, April 2018

"Market-based estimation of stochastic volatility models", with Yacine Aït-Sahalia and Elena Manresa, *Journal of Econometrics*, 187 (2), pp. 418–435, August 2015

"Sequential estimators of shape parameters in multivariate dynamic models", with Gabriele Fiorentini and Enrique Sentana, *Journal of Econometrics*, 177 (2), pp. 233–249, December 2013

"A comparison of mean-variance efficiency tests", with Enrique Sentana, *Journal of*

Econometrics, 154 (1), pp. 16–34, January 2010

"Consistent estimation of the number of dynamic factors in a large N and T panel", with Mark W. Watson, *Journal of Business and Economic Statistics*, 25 (1), pp. 91–96, January 2007

COMMENTS:

Comments on "Reflections on the probability space induced by moment conditions with implications for Bayesian inference" by A. Ronald Gallant, with Enrique Sentana, *Journal of Financial Econometrics* 14 (2). pp. 248–252, Spring 2016

WORKING PAPERS

"Endogenous health groups and heterogeneous dynamics of the elderly", with Jesús Bueren and Julio A. Crego

"Testing a large number of hypotheses in approximate factor models", with Luca Repetto

"The term structure of variance risk premia"

WORK IN PROGRESS

"Financial contagion in the eurozone", with Julio Crego and Enrique Sentana

"Inference in multivariate dynamic models with elliptical innovations", with Enrique Sentana

"Testing for structural breaks in approximate factor models", with Alexander Heinemann

"Gaussian rank correlation and regression", with Enrique Sentana and Zhanyuan Tian

"GDP Solera: the ideal vintage mix", with Martín Almuzara, Gabriele Fiorentini and Enrique Sentana

"Hypothesis tests with a repeatedly singular information matrix", with Xinyue Bei and Enrique Sentana

REFEREE EXPERIENCE

Econometrica, Econometrics Journal, Econometric Theory, Empirical Economics, IMF Economic Review, International Journal of Central Banking, Journal of the American Statistical Association, *Journal of Applied Econometrics, Journal of Banking and Finance, Journal of Business and Economic Statistics*, *Journal of Econometrics*, *Journal of Economic Dynamics and Control*, *Journal of the European Economic Association*, *Journal of Financial Econometrics*, *Journal of Risk*, *Oxford Bulletin of Economics and Statistics*, *Macroeconomic Dynamics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Review of Finance, SERIEs, SIAM-Journal of Financial Mathematics, Spanish Review of Financial Economics, Studies in Nonlinear Dynamics & Econometrics*

Honors and Awards

Premio Morosoli a la cultura uruguaya 2018, Fundación L. Rubial

Fernand Braudel Senior Fellowship, 2018, European University Institute

Juan de la Cierva Research Fellow, Spanish Ministry of Science and Innovation, 1st Ranked 2011 Contest

AEFIN-Criteria Caixa Corp prize to the best article of the conference, XVII Finance Forum, 2009

Madrid Centro Financiero prize to the best article by a sole young author, XVII Finance Forum, 2009

BME prize to the best article on derivatives, XVII Finance Forum, 2009

NSF award to attend the 2$^{\text{nd}}$ Lindau Meeting of Nobel Laureates in Economics, 2006

Extraordinary Prize, 2002–2004 Class at CEMFI, 2004

Highest GPA in the Economics Department, Universidad de la República, 2002

Doctoral Supervision

Advisor:

Luca Repetto: "Essays on panel data econometrics: local governments, politicians' incentives and inflation", June 2015
Placement: Assistant Professor (Economics) at Uppsala University

Julio A. Crego: "Three essays in financial markets", June 2017
Placement: Assistant Professor (Finance) at Tilburg University

Committee Member:

Jesús Bueren: "Three essays on economics of aging", July 2018
Placement: Assistant Professor (Economics) at European University Institute

Examiner:

Julio Gálvez: Universidad Internacional Menéndez Pelayo (June 2018)

Gudmundur Stefan Gudmundsson: Universitat Pompeu Fabra (July 2018)

Funded Research Projects

Ministerio de Economía y Competitividad (2018–2020): "Más allá de la correlación: Dependencia no lineal en los mercados financieros con aplicaciones a contagio"
Principal Investigators: Dante Amengual (CEMFI) and Enrique Sentana (CEMFI)

Ministerio de Economía y Competitividad (2015–2017): "Nuevas fronteras en economía financiera"
Principal Investigators: Enrique Sentana (CEMFI) and Javier Suárez (CEMFI)

Ministerio de Economía y Competitividad (2012–2014): "Nuevos métodos Econométricos con aplicaciones empíricas en economía de género, envejecimiento, finanzas y organización industrial"
Principal Investigator: Manuel Arellano (CEMFI)

Conferences and Seminars

2018 European University Institute, Bilkent University, Toulouse School of Economics, TSE Financial Econometrics Conference (May 4–5, Toulouse), Université de Montréal, 2^{nd} Workshop on Macroeconomics ad Financial Time Series Analysis (May 31–June 1, Lancaster), Current Challenges in Financial Economics (June 5, Madrid), 2018 EcoSta Conference (June 19–21, Hong Kong), 2018 Asian Meeting of the Econometric Society (June 21–23, Seoul), 2018 Econometric Society Australasia Meeting (July 1–4, Auckland), 71^{st} European Meeting of the Econometric Society (August 26–30, Cologne), Banco Central del Uruguay, VII Encuentro de la SEU (December 20, Montevideo)

2017 Seventh Italian Congress of Econometrics and Empirical Economics (January 25–27, Messina), TSE Financial Econometrics Conference (May 12–13, Toulouse), New Methods for the Empirical Analysis of Financial Markets (June 9–10, Comillas), 13^{th} International Symposium on Econometric Theory & Applications (June 13-14, Beijing), 2017 EcoSta Conference (June 15–17, Hong Kong), Shanghai Jiao Tong University, 4^{th} International Association for Applied Econometrics Conference (June 26-30, Sapporo), XXV Finance Forum (July 6–7, Barcelona), Universidad de la República, Universitat Pompeu Fabra, VI Encuentro de la SEU (December 21, Montevideo)

2016 Indiana University, Boston University, BI-SHoF Conference in Asset Pricing and Financial Econometrics (June 3–4, Stockholm), 69^{th} European Meeting of the Econometric Society (August 22–26, Geneva), 2016 NBER-NSF Time Series Conference (September 16–17, New York), University of Liverpool, ESSEC Business School, 41^{st} Simposio de la Asociación Española de Economía (December 15–17, Bilbao), V Encuentro de la SEU (December 22, Montevideo)

2015 Erasmus Universiteit Rotterdam, TSE Financial Econometrics Conference (May 22–23, Toulouse), XXIII Finance Forum (July 9–10, Madrid), René Garcia's 65th Anniversary Conference (August 16, Montréal), 11^{th} World Congress of the Econometric Society (August 17–21, Montréal), University College London, University of Surrey, 40^{th} Simposio de la Asociación Española de Economía (December 10–12, Girona), Universidad Torcuato Di Tella, IV Encuentro de la SEU (December 22, Montevideo)

2014 TSE Financial Econometrics Conference (May 16–17, Toulouse), 7^{th} Annual Conference of the Society for Financial Econometrics (June 11–13, Toronto), Universidad de la República, 68^{th} European Meeting of the Econometric Society (August 25–29, Toulouse), 39^{th} Simposio de la Asociación Española de Economía (December 11–13, Palma de Mallorca), III Encuentro de la SEU (December 26, Montevideo)

2013 XXI Finance Forum (November 14–15, Segovia), Latin American Workshop in Econometrics of the Econometric Society (December 6–7, São Paulo), II Encuentro de la SEU (December 26, Montevideo)

2012 University of Chicago, CREST, TSE Nonlinear and Financial Econometrics Conference (May 11–12, Toulouse), Banco Central del Uruguay, 66^{th} European Meeting of the Econometric Society (August 27–31, Málaga), Université libre de Bruxelles (ECARES), XX Finance Forum (November 15–16, Oviedo), I Encuentro de la SEU (December 26, Montevideo)

2011 Toulouse School of Economics, TSE Financial Econometrics Conference: A Tribute to A. Ronald Gallant (May 19–21, Toulouse), Universidad de Alicante, Banco de España–Bank of Canada Workshop on Advances in Fixed Income Modeling (July 4–5, Madrid), 65^{th} European Meeting of the Econometric Society (August 25–29, Oslo), Measuring Risk Conference (October 7–8, Princeton), XIX Finance Forum (November 17–18, Granada), 36^{th} Simposio de la Asociación Española de Economía (December 14–17, Málaga)

2010 Universidad de León, TSE Financial Econometrics Conference (May 21–22, Toulouse), XVIII Finance Forum (November 18–19, Elche), 35^{th} Simposio de la Asociación Española de Economía (December 16–18, Madrid)

2009 CIREQ–CIRANO Financial Econometrics Conference (April 24–25, Montréal), 64^{th} European Meeting of the Econometric Society (August 23–27, Barcelona), XVII Finance Forum (November 4–5, Madrid)

Teaching Experience

CEMFI

Asset Pricing I (graduate course)
Asset Pricing II (graduate course)
Introductory Mathematics (graduate course)
Mathematics (graduate course)
Risk Management (graduate course)
Times Series Econometrics (graduate course)
Introduction to Bayesian Methods in Econometrics (short PhD course)

Princeton University

Econometric Theory I (graduate course, TA)
Financial Investments (undergraduate course, TA)

Universidad de la República

Portfolio Theory and Risk Management (graduate course)
Bayesian Methods in Statistics (graduate course)
Signal Extraction (graduate course)
Multivariate Dynamic Models (graduate course)