Plaça: DL007748 - Professorat Lector Departament: Economia

Solé Ollé, Albert

Current position
Professor, University of Barcelona (2009-present)
Member of the Barcelona Institute of Economics (IEB) (2000-present)
Director of the IEB Research Program on Fiscal Federalism (2009-present)
CESifo research affiliate (2007-present)
Institutions and Political Economy Research Group (IPERG) research affiliate (2017-present)

Previous positions
ICREA Academia 2008 (Period 2009-2013)
Visiting Scholar. University of California Irvine (2010-2011)
Associate Professor. University of Barcelona (2001-2008)
Assistant Professor. University of Barcelona (1996-2000)
Teaching Assistant. University of Barcelona (1994-1996)

Education
1999: PhD in Economics. University of Barcelona.
1994: MsC in Economics. Instituto de Estudios Fiscales (IEF), Madrid.

1992: Bachelor degree in Economics. University of Barcelona.

Research stays

- University of California-Irvine (UCI) July-August 2022, 2019.
- University British Columbia. September 2022
- UQAM Montreal. September 2022
- University of California-Irvine (UCI). July-September 2018, 2017, 2016, 2015, 2014,
2013, 2012.
- STICERD, LSE. May 2012.
- University of California-Irvine (UCI). September 2010-June 2011. Funding: Scholarship
Salvador de Madariaga (PR2010-0269, Ministerio de Educación, Amount: 33,000 €); Scholarship Generalitat de Catalunya (BE-DGR, Dep. d'Economia i Coneixement, Amount: 9,163 €; declined).
- Universitta di Ferrara. Ferrara. Italy. May 2009.
- Uppsala University. Sweden. April 2008.
- CESifo-Ludwig-Maximilians-Universität. Munich. Germany. May-June 2007.
- Universitée Rennes I. France. January-February 2005.
- Center for European Economic Research (ZEW). Manheim. Germany. April-May 2000.

Articles in journals with referee process

"Betrayed by the elites: How corruption amplifies the political effects of recessions." ***Comparative Political Studies*** 55 (7), 1095-1120, 2022 (with Carlos Sanz & Pilar Sorribas)

"Housing booms and local spending." ***Journal of Urban Economics*** 113, #103185, 2019.
(with Elisabet Viladecans-Marsal).

"Does electoral competition curb party favoritism?" ***American Economic Journal: Applied Economics*** 10(4), 378-407, 2018. (with Marta Curto & Pilar Sorribas)

"Partial fiscal decentralisation and education outcomes." ***Journal of Urban Economics***
107, 31-46, 2018. (with Paula Salinas).

"Trust no more? On the lasting effects of corruption scandals." ***European Journal of***
Political Economy, 55, 185-203, 2018. (with Pilar Sorribas).

"'Citizen ghosts': Using notches to identify manipulation of population-based grants." ***Journal of Public Economics*** 154, 49-66 2017 (with Dirk Foremny and Jordi Jofre-Monseny).

"Does zoning follow highways?" ***Regional Science and Urban Economics*** 53, 148-155,
2015 (with Miquel Angel Garcia-López, and Elisabet Viladecans-Marsal).

"Do political parties matter for local land use policies?" ***Journal of Urban Economics*** 78,
42-56, 2013 (with Elisabet Viladecans-Marsal).

"Does fiscal decentralization foster regional investment in productive infrastructure?" ***European Journal of Political Economy*** 31, 15-25, 2013 (with Adreas Kappeler, Andreas
Stephan & Timo Valila).

"Interregional redistribution through infrastructure investment: Tactical or programmatic?"
Public Choice 156(1-2), 229-252, 2013.

"Lobbying, political competition and local land supply: Recent evidence from Spain" ***Journal of Public Economics*** 96/1–2, 10-19, 2012 (with Elisabet Viladecans-Marsal).

"Pork-barrel politics in semi-democracies: the Spanish 'Parliamentary roads',1880-1914"

Journal of Economic History 72/3, 771-796, 2012 (with Marta Curto & Alfonso Herranz).

"Which communities should be afraid of mobility? The effects of agglomeration economies on the sensitivity of firm location to local taxes." ***Regional Science and Urban Economics*** 42/1–2, 257- 268, 2012, (with Jordi Jofre-Monseny).

"Corruption, voter information, and accountability." ***European Journal of Political Economy*** 28/4, 469- 484, 2012 (with Elena Costas & Pilar Sorribas).

"The dynamic adjustment of local government budgets: Does Spain behave differently?" ***Applied Economics*** 44/25, 3203-3213, 2012. (with Pilar Sorribas).

"Tax differentials and agglomeration economies in intraregional firm location." ***Regional Studies*** 44/6, 663-677. 2010 (with J. Jofre-Monseny).

"Does urban sprawl increase the costs of providing local public services? Evidence from Spanish municipalities." ***Urban Studies*** 47 (7), 1513-1540. 2010 (with Miriam Hortas).

"Road investment and productivity growth: The effects of vehicle-intensity an congestion." ***Papers in Regional Science*** 88 (1), 99-118, 2009 (with Daniel Montolio).

"The effects of partisan alignment on the allocation of intergovernmental transfers: Difference-in-difference estimates for Spain." ***Journal of Public Economics*** 92 (10), 27-56, 2008 (with Pilar Sorribas).

"Yardstick competition and the political costs of raising taxes: An empirical analysis of Spanish municipalities." ***International Tax and Public Finance*** 14(1), 71-92, 2007 (with Nuria Bosch).

"The effect of party competition on budget outcomes: Empirical evidence from local government in Spain." ***Public Choice*** 126/1, 145-176 2006.

"Expenditure spillovers and fiscal interactions: Empirical evidence from local governments in Spain." ***Journal of Urban Economics*** 59/1, 32-53, 2006.

"The regional allocation of infrastructure investment: The role of equity, efficiency and political factors." ***European Economic Review*** 49/5, 1165-1205, 2005 (with Antoni Castells).

"On the relationship between authority size and the costs of providing local services: Lessons for the design of intergovernmental transfers in Spain." ***Public Finance Review*** 33/3, 343-384, 2005 (with Nuria Bosch).

"Central cities as engines of metropolitan area growth." ***Journal of Regional Science*** 44/2, 321-350, 2004 (with E. Viladecans-Marsal).

"Electoral accountability and tax mimicking: The effects of electoral margins, coalition government, and ideology." ***European Journal of Political Economy*** 19/4, 685-713, 2003.

"Tax setting in a federal system: The case of personal income taxation in Canada." ***International Tax and Public Finance*** 9, 235-257, 2002 (with Alex Esteller).

"Vertical income tax externalities and fiscal interdependence: Evidence from the US." ***Regional Science and Urban Economics*** 31, 247-272, 2001 (with Alex Esteller).

"Tax exporting and redistributive politics: An empirical analysis of the determinants of the local tax structure." ***Public Finance/Finances Publiques*** 52, 102-124, 1999.

Books and Book chapters

Escenaris polítics de la relació Catalunya-Espanya: Conseqüències econòmic-financeres, A. Castells (coord.). Cap. 6: Impacte Economic. Col·leccio Institut d'Estudis d'Autogovern 12, 2022.

Quantificació de l'impacte del turisme sobre el pressupost municipal de Barcelona (with Viladecans-Marsal, E. and Tubianosa, Ch.) Ajuntament de Barcelona, 2020.

"Asymmetric federalism and regional finances." In Sorribas, P. (ed.): *The long-awaited reform of the regional financing system*. IEB Report 1/2017, Institut d'Economia de Barcelona

"Taxation, tourism and housing speculation in big cities." In Bosch, N., Esteller, A. and Sorribas, P. (eds): *Tourism and Gentrification in Global Cities: Could Fiscal Policy be Useful?* IEB Report. (2018) (With E. Viladecans-Marsal).

"Multilevel finance and governance in Spain: The impact of the Euro crisis." In Ahmad, E., Brosio, G. and Bordignon, M. (eds.): *Multilevel finance and the Euro crisis*. Edward Elgar Publishing Ltd, 2016

Claves para comprender el (interminable) debate de la financiación autonómica. Obra colectiva (Leon, S.; Aja, E.; Herrero, A.; Lago, S.; Orriols, Ll.; Ruiz-Huerta, J.; Sole, A.; Vilalta, M.) Alianza Editorial, 2015.

"The influence wielded by land developer lobbies during the housing boom: recent evidence from Spain." CESifo DICE Report. (2013) (With E. Viladecans-Marsal).

"Regional tax autonomy in Spain: words or deeds?" J. Lotz (ed.): *Subnational tax autonomy in the OECD*. Ministry of the Interior and Social Affairs, Denmark, 2013.

"The determinants of the regional allocation of public investment in Spain." In Bosch. N., Espasa, M. and Sole-Olle, A. (eds.): *The political economy of inter-regional fiscal flows: measurement, determinants & effects on country stability*, Edward Elgar Publishing Ltd., 2010.

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The political economy of inter-regional fiscal flows: measurement, determinants & effects on country stability, Edward Elgar Publishing Ltd., 2010 (co-editor, jointly with N. Bosch and M. Espasa).

"Decentralization and service delivery: the Spanish case." In G. Brosio and E. Ahmad (eds.): *Does decentralization enhance service delivery and poverty reduction?* Edward Elgar Publishing Ltd., 2010.

"Intergovernmental transfers to local governments in Spain: an assessment of their virtues and perils." *General grants vs earmarked grants: theory and practice*, Ministry of the Interior and Social Affairs, Denmark, 2010.

Conference presentations

2023: Brunel Workshop in Political Economy (Online); European Political Science Association

Conference, Glasgow; OECD Workshop on Place-Based Policies for the Future, Paris.

2022: European Urban Economics Association Meeting. London; Midwest Political Science Association Conference, Chicago; European Public Choice Conference, Braga; European Political Science Association Conference, Prague; Urban Economics Association Meeting, Washington DC. Urban and Transportation Economics mii conference, Irvine; Brunel Workshop in Political Economy (Online); Workshop in Urban and Regional Economics, Bern (Online); American Political Science Association Conference, Montreal; APSA Local Political Economy Pre-conference, Montreal;

2021: Simposio Analisis Economico, Barcelona; European Political Science Association Conference (Online); SMU Conference on Urban and Regional Economics (Online); Workshop in Political Economy, CREI-IPEG, Barcelona; European Economic Association (Online); RTG Online Workshop in Policy Making, UA Rurh.

2020: International Institute of Public Finance (Online); Syracuse University Conference on Urban Economics (Online)

2019: ZEW Public Finance Conference, Mannheim; CESifo Conference on Urban Economics, Munich; Catalan Economic Society Conference, Barcelona; Workshop on Political Economy, Bolzano; European Public Choice Meeting, Jerusalem; American Political Science Association Conference, Washington DC; CURE-CEPR Conference, London.

2018: Urban Economics Association Meetings, New York; European Political Science Association Conference, Vienna; Unchallenged Democracy Workshop, New York; European Urban Economics Association Meeting Dusseldorf; American Real Estate and Urban Economics Conference, Gwangzhou.

2017: International Institute of Public Finance, Tokyo; CESifo Conference on Public Economics, Munich; European Urban Economics Association Meeting, Copenhagen; American Political Science Association Conference, San Francisco; Urban Economics Association Meetings, Vancouver.

Invited seminars

2022: UQAM, Montreal; Simon Fraser, Vancouver; Urban and Trade Seminar, UBC, Vancouver; IWIP IEB, Barcelona.

2021: University of Fribourg (Online); University of California (Online); University of Alabama (Online); University Duisburg-Essen.

2019: Universidad Pablo de Olavide.

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2018: Banco de Espana; London School of Economics; Societa Italiana de Economia Publica, Padova.

2017: Institut d'Economia de Barcelona; UIMP, Sevilla.

Research grants and awards (as principal researcher or co-researcher)

2022-2025: Ministerio de Ciencia, Innovacion y Universidades PID2021-124353NB-I00 *La economía política local de la respuesta del gobierno a los shocks: cambioclimático, acceso a la vivienda, inmigración, y pandemias*. Type of participation: Principal researcher (48.375€)

2022-2024: AGAUR 2021 SGR 00355 *Grup de Recerca Institut d'Economia de Barcelona.* Type of participation: Researcher (60,000€)

2023-2024: Ministry of Science and Innovation. *Cities at the forefront of climate change:*

Evidence-based policy and political backlash (TED2021-131886B-I00). Type of participation:
Researcher (116,000€).
2022-2025: UB Urban Economics Ciutat de Barcelona Chair. Ajuntament de Barcelona-Universitat
de Barcelona. Type of participation: Researcher (100.000€)
2022-2024: La Caixa. Social Research Grant *Building and shaping cities for a healthy and*
prosperous future (SR21-00068) Type of participation: Researcher (100.000€)
2021-2022: Generalitat de Catalunya (2020PANDE00076) *Public policies for resilient societies in times of pandemics*. Type of participation: Researcher (189.000€)
2019-2021: Ministerio de Ciencia, Innovacion y Universidade RTI2018-097271-B-I00 *Retos globales, ¿respuestas locales? La economía política de la resiliencia a losshocks en gobiernos multinivel*. Type of participation: Principal Researcher (64,000€)
2018-2021: UB Urban Economics Ciutat de Barcelona Chair. Ajuntament de Barcelona-
Universitat de Barcelona. Type of participation: Researcher (105,000€)
2018-2019: Horizon 2020 *Role of European Mobility and its Impacts in Narratives, Debates*
and EU Reforms. Type of participation: researcher (43.750€)
2019-2021: Institut d'Estudis d'Autogovern. Generalitat de Catalunya (2018 IEA5 00004)
Understanding Intergovernmental Cooperation: The effect of Political Homophily. Type of
participation: Principal researcher (30.000€)
2018-2020: Generalitat de Catalunya; 2017SGR796. *Fiscal Federalism and Urban Economics.* Type of participation: Principal researcher (36,800€)
2018: UB *Smart City* Chair. Universitat de Barcelona. Type of participation: researcher
(10,000€)
2016-2018 Ministerio de Economía y Competitividad. ECO2015-68311-R: *La Economía*
Política de los gobiernos locales: calidad de gobierno, instituciones, y finanzas públicas..
Type of participation: Principal researcher (32.400€)
2015-2017: Recercaixa Project (AQU2014ACUP00026). *What works for Urban Development*?.
Type of participation: Principal researcher (78.000€)
2014-2017: Generalitat de Catalunya; 2014SGR00420. *Fiscal Federalism and Urban Economics* Type of participation: Principal researcher; (30,000€)
2013-2015: Ministerio de Economía y Competitividad. ECO2012-37131: *Funcionamiento*
de los gobiernos locales: gobernanza, financiación, presupuestos y organización. Type of
participation: Principal researcher (33,000€).
6
2010-2012: Ministerio de Ciencia e Innovación. ECO2009-12680: *Rendición de cuentas y*
calidad del gobierno en los municipios españoles: adaptación a las preferencias de los
votantes, eficiencia en la provisión de servicios públicos, corrupción y clientelismo. Type of
participation: Principal researcher (65,000€).
2009-2014. Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). 2009SGR102:
Grup de recerca en Federalisme Fiscal i Economia Regional. Type of participation: Principal

researcher (40,000€).
2014- 2015 ZEW Manheim SEEK 2014. *Fiscal governance and adjustment under crisis conditions.* Type of participation: Principal researcher (Spanish team) (150,000€).
2014-2015. Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR).
2014DEMOC00003: *Anàlisi de la cobertura mediática dels escàndols de la corrupció.* Type
of participation: Principal researcher (6,500€).
2009-2014. Fundació Institució Catalana de Recerca i Estudis Avancats (ICREA).
Programa ICREA Academia 2008. Ajut per incentivar i consolidar la recerca d'excel·lència
ja existent a les universitats públiques de Catalunya Type of participation: Principal researcher (250.000€).
2012-2013 Pasqual Maragall Chair-Research Grant. *Building roads and land use policies*
Type of participation: Principal researcher (5.000€).
2010-2011 Ministry of Education. PR 2010-270. Scholarship Programa Salvador de Madariaga. International Mobility Program. Type of participation: Principal researcher (33.000€).

PhD Supervision

Antoni Costa. PhD 2008 (placement: U. de les Illes Balears)
Jordi Jofre-Monseny, PhD 2009 (placement: U. de Barcelona)
Miriam Hortas, PhD 2012 (placement: U. Autonoma de Madrid)
Paula Salinas PhD 2013. (placement: KSNET)
Marta Curto Grau. PhD 2013. (co-advisor Pilar Sorribas: placement: U. of Heidelberg, Germany)
Elena Costas. PhD 2014 (co-advisor Pilar Sorribas; placement: KSNET)
Francisco Lima Cavalcanti. PhD 2018 (co-advisor Amedeo Piolatto; placement: PUC-Rio,
Brazil)
Marc Puigmole. PhD 2020 (co-advisor Pilar Sorribas; placement: ESIC Business School,
Barcelona)
Pierre Magontier. Ph.D. 2020 (co-advisor Elisabet Viladecans-Marsal; placement: U. of
Bern, Switzerland)
Ghizlen Ouasbaa, PhD. 2024 (co-advisor Elisabet Viladecans-Marsal)
Daniel Favre (expected 2026) (co-advisor Matteo Gamalerio)

Editorial work

Journal of Urban Economics: Member of the Editorial Board (2016-present)
European Journal of Political Economy (2012-present)
International Tax and Public Finance. Policy Watch Editor (2016-2020)
Hacienda Pública Española. Editorial Board (2004-2008)
Referee for: American Economic Review, Journal of Political Economy, Review of Economic Studies, J. of the European Economic Association, Economic Journal, American
Economic Journal: Applied Economics, American Economic Journal: Economic Policy,

MARIA LLOP LLOP

Catedrática de Teoría Económica en la Universidad Rovira i Virgili. Licenciada en Economía por la Universidad de Barcelona y Doctora en Economía por la Universidad Rovira i Virgili. Directora del Departamento de Economía de la Universidad Rovira i Virgili des de 2022. 4 sexenios de investigación reconocidos por la CNEAI (último año 2022); Ha participado en 18 proyectos de investigación y en 18 contratos de transferencia con administraciones públicas, empresas y organizaciones no gubernamentales. Publicaciones: 37 artículos en revistas científicas indexadas, 18 artículos en revistas no indexadas, 5 libros y 12 capítulos de libros. Ha dirigido o codirigido 3 tesis doctorales. Ponente en distintos congresos nacionales e internacionales. Ha impartido conferencias, cursos y seminarios organizados por universidades y otras instituciones, españolas y extranjeras. Código Orcid: 0000-0001-6609-7528.

Christian Brownlees

Personal Data
Born in 1979 in Florence (Italy). British and Italian Citizen.
Research Interests
Time Series, Statistics, Econometrics, Empirical Finance, Statistical Computing
Affiliations, Academic and Visiting Positions (longer than a month)
Professor Agregat 2020–
Department of Economics and Business, Universitat Pompeu Fabra Barcelona, Spain
Associate Research Professor 2017–2022
Barcelona School of Economics Barcelona, Spain
Associate Professor 2017–
Department of Economics and Business, Universitat Pompeu Fabra Barcelona, Spain
Visiting Scholar 2015
Department of Economics, European University Institute Florence, Italy
Fernand Braudel Scholar 2014
Department of Economics, European University Institute Florence, Italy
Affiliated Professor 2011–
Barcelona School of Economics Barcelona, Spain
Assistant Professor 2011–2017
Department of Economics and Business, Universitat Pompeu Fabra Barcelona, Spain
Post-Doc Research Fellow 2008–2011
Department of Finance, Stern School of Business, NYU New York, USA
Supervisor: Robert Engle
Visting Scholar 2007–2008
Department of Finance, Stern School of Business, NYU New York, USA
Sponsor: Robert Engle
Research Fellow 2007–2008
Department of Statistics, University of Florence Florence, Italy
Visiting Scholar 2006
Department of Economics, UCSD San Diego, USA
Sponsor: Hal White
Research Fellow 2003
Department of Statistics, University of Florence Florence, Italy
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Education
Doctorate in Applied Statistics 2007
Department of Statistics, University of Florence Florence, Italy
"Essays in Parameter Reduction Techniques for Nonlinear Time Series Models"
B.S. in Economics and Quantitative Methods 2003
Department of Statistics, University of Florence Florence, Italy
"The impact of overnight innovation on intra-daily volatility: a high frequency approach"
summa cum laude
Articles
27. "Performance of Empirical Risk Minimization for Linear Regression with Dependent Data" with Gudmundur
Stefan Gudmundsson, Econometric Theory, forthcoming
26. "Projected Dynamic Conditional Correlations" with Jordi Llorens-Terrazas, International Journal of Forecasting,
forthcoming

25. “Corporate Hedging and the Variance of Stock Returns” with Kizkitza Biguri and Filippo Ippolito, Journal of Corporate Finance, Journal of Corporate Finance, 2022, 72 doi.org/10.1016/j.jcorpfin.2021.102147

24. “Community Detection in Partial Correlation Network Models” with Gudmundur Stefan Gudmundsson and Gabor Lugosi Journal of Business and Economics Statistics, 2022, 40, 216–226 doi.org/10.1080/07350015.2020.1798241

23. “Detecting Groups in Large Vector Autoregressions” with Gudmundur Stefan Gudmundsson Journal of Econometrics, 2021, 225, 2–26 doi.org/10.1016/j.jeconom.2021.03.012

22. “Backtesting Global Growth-at-Risk” with Andre B. M. Souza Journal of Monetary Economics, 2021, 118, 312–330 doi:10.1016/j.jmoneco.2020.11.003

21. “Bank Credit Risk Networks: Evidence from the Eurozone” with Christina Hans and Eulalia Nualart Journal of Monetary Economics, 2021, 117, 585–599 doi:10.1016/j.jmoneco.2020.03.014

20. “Detecting Granular Time Series in Large Panels” with Geert Mesters Journal of Econometrics, 2020, 220, 544–561 doi:10.1016/j.jeconom.2020.04.013

19. “Back to the Future: Backtesting Systemic Risk Measures During Historical Bank Runs and the Great Depression” with Ben Chabot, Eric Ghysels and Christopher Kurz Journal of Banking and Finance, 2020, 113, 105736 doi:10.1016/j.jbankfin.2020.105736

18. “On the estimation of integrated volatility in the presence of jumps and microstructure noise” with Eulalia Nualart and Yucheng Sun, Econometric Reviews, 2020, 39, 991–1013 doi:10.1080/07474938.2020.1735751

17. “Impulse Response Estimation By Smooth Local Projections” with Regis Barnichon, The Review of Economics and Statistics, 2019, 101, 522–530 doi:10.1162/rest a 00778

16. “Hierarchical GARCH” Journal of Empirical Finance, 2019, 51, 17–27 doi:10.1016/j.jempfin.2019.01.009

15. “NETS: Network Estimation for Time Series” with Matteo Barigozzi, Journal of Applied Econometrics, 2018, 34, 347–364, doi:10.1002/jae.2676

14. “Realized Networks” with Eulalia Nualart and Yucheng Sun, Journal of Applied Econometrics, 2018, 33(7), 986-1006 doi:10.1002/jae.2642

13. “Evaluating the accuracy of tail risk forecasts for systemic risk measurement” with Giuseppe Cavaliere and Alice Monti, Annals of Financial Economics, 2018, 13(2), 1–25 doi:10.1142/S2010495218500094

12. “Power-Law Partial Correlation Network Models” with Matteo Barigozzi and Gabor Lugosi, Electronic Journal of Statistics, 2018, 12(2), 2905–2929 doi:10.1214/18-EJS1478

11. “Credit Risk Interconnectedness: What Does the Market Really Know?” with Puriya Abbassi, Christina Hans and Natalia Podlich, Journal of Financial Stability, 2017, 29, 1–12 doi:10.1016/j.jfs.2017.01.002

10. “SRISK: A Conditional Capital Shortfall Measure of Systemic Risk” with Robert Engle, The Review of Financial Studies, 2017, 30(1), 48–79, doi:10.1093/rfs/hhw060

9. “Empirical Risk Minimization for Heavy–Tailed Losses” with Emilien Joly and Gabor Lugosi, Annals of

Statistics, 2015, 43(6), 2507–2536, doi:10.1214/15-AOS1350

8. “Disentangling Systematic and Idiosyncratic Dynamics in Panels of Volatility Measures” with Matteo Barigozzi, Giampiero M. Gallo and David Veredas; Journal of Econometrics, 2014, 182(2), 364-382, doi:10.1016/j.jeconom.2014.05.017

7. “A Bayesian Approach for Capturing Daily Heterogeneity in Intra-Daily Durations Time Series: the Mixed Autoregressive Conditional Duration Model” with Marina Vannucci; Studies in Nonlinear Dynamics & Econometrics, 2013, 17(1), 21-46, doi:10.1515/snde-2012-0043

6. “A Practical Guide to Volatility Forecasting Through Calm and Storm” with Robert Engle and Bryan Kelly; Journal of Risk, 2011, 14(2), 1-20

5. “Intra-daily Volume Modeling and Prediction for Algorithmic Trading” with Fabrizio Cipollini and Giampiero M. Gallo; Journal of Financial Econometrics, 2011, 9(3) 489-518, doi:10.1093/jjfinec/nbq024

4. “Shrinkage Estimation of Semi-Parametric Multiplicative Error Models” with Giampiero M. Gallo; International Journal of Forecasting, 2011, 27(1) 365-378, doi:10.1016/j.ijforecast.2010.04.005

3. “Comparison of Volatility Measures: A Risk Management Perspective” with Giampiero M. Gallo; Journal of Financial Econometrics 2010, 8(1) 29-56, doi:10.1093/jjfinec/nbp009

2. “On Variable Selection for Volatility Forecasting: The Role of Focused Selection Criteria” with Giampiero M. Gallo; Journal of Financial Econometrics 2008, 6(4) 513-539, doi:10.1093/jjfinec/nbn012

1. “Financial econometric analysis at ultra–high frequency: Data handling concerns” with Giampiero M. Gallo; Computational Statistics & Data Analysis 2006, 51(4) 2232-2245, doi:10.1016/j.csda.2006.09.030

Book Chapters

2. “Multiplicative Error Models” with Giampiero Gallo and Fabrizio Cipollini in “Handbook in Financial Engineering and Econometrics: Volatility Models and Their Applications” L. Bauwens, C. Hafner and S. Laurent, editors Wiley 2012

1. “Measuring Systemic Risk” with Viral Acharya, Robert Engle, Farhang Farazmand and Matthew Richardson in “Regulating Wall Street: The Dodd-Frank Act and the New Architecture of Global Finance” Viral A. Acharya, Thomas F. Cooley, Matthew P. Richardson and Ingo Walter, editors Wiley 2010

Conference Proceedings

1. “Financial Risk Management Via Multi Model Inference Grid Applications” with Simone Contini, Riccardo Di Meo and Valerio Sullo; Proceedings of the “Grid Technology for Financial Modelling and Simulation” conference, 3-4 February 2006, Palermo, Italy

Working Papers

1. “Empirical Risk Minimization for Time Series: Nonparametric Performance Bounds for Prediction” with Jordi Llorens-Terrazas (R&R Journal of Econometrics)

2. “Unit Averaging for Heterogenous Panels” with Vladislav Morozov (R&R Journal of Business & Economic Statistics)

Seminar and Conference Presentations (from 2019)

2024

Seminar at the Tinbergen Institute (Amsterdam, April 25, 2024).

2023

Seminar at the Economics Department, Lancaster University (Lancaster, April 26, 2023); seminar at the Pepsico Digital Hub (Barcelona, February 28, 2023); seminar at the Economics Department, Lund University (Lund, February 16, 2023); seminar at the European Stability Mechanism (Luxembourg, January 26, 2023).

2022

Presentation at the "SoFiE 2022 Annual Conference" conference (Cambridge, June 24–27, 2022); presentation at the "Quantitative Finance and Financial Econometrics 2022" conference (invited plenary speaker) (Marseille, June 16–17, 2022); presentation at the "Spring Meeting of Young Economists 2022" (invited plenary speaker) (Orl´ean, May 19–21, 2022); presentation at the "IWEEE 2022" conference (Rimini, January 20–21, 2022); seminar at the Centre for Econometrics and Business Analytics, St. Petersburg State University (St. Petersburg, February 11, 2022); presentation at the "XIIt Workshop in Time Series Econometrics" (Zaragoza, March 31–April 1, 2022).

2021

Webinar at the Department of Mathematics, Eindhoven University of Technology (Eindhoven, March 23, 2021); webinar at the "1st International Conference on Economics and FinTech" (invited plenary speaker) (Athens, April 12, 2021); webinar at the Granger Centre, Nottingham University (Nottingham, April 22, 2021); webinar at the School of Economics and Finance, Queen Mary University of London (London, April 27, 2021); webinar at the Philadelphia Fed (Philadelphia, April 30, 2021); webinar at the Finance Research Unit, University of Copenhagen (Copenhagen, May 11, 2021); webinar at the Finance and Insurance Seminar, CREST (Paris, May 27, 2021); webinar at the "The 7th RCEA Time Series (Web-)Workshop" (Milan, June 25–27, 2021); webinar at the "The 11th RCEA Money, Macro & Finance Conference" (Milan, July 27–28, 2021); presentation at the "High Voltage Econometrics 2" conference (Zurich, October 1–2, 2021); poster at the "2021 NBER-NSF Time Series Conference" (Austin, October 15–16, 2021); presentation at the "20th Workshop in Econometrics for Finance" (invited plenary talk) (Nanterre, November 10, 2021); seminar at the ESSEC Business School (Paris, December 13, 2021).

2020

Seminar at the Department of Finance, University College Dublin (Dublin, February 20, 2020); Webinar at the Higher School of Economics, National Research University (Moscow, September 14, 2020);

2019

Seminar at the Department of Economics, Durham University Business School (Durham, January 17, 2019);

presentation at the "High Dimensional Time Series in Macroeconomics and Finance" conference at IHS
(invited plenary talk) (Vienna, May 16–17, 2019); seminar at the Department of Finance, Universit´e Paris-
Dauphine (Paris, May 23, 2019); seminar at Ita`u Asset Management, (San Paulo, October 4, 2019); poster
at the Fourth International Workshop in Financial Econometrics, (Macei`o, October 6–9, 2019); seminar at
the EMbeDS 2019 Workshop (Pisa, November 26–27, 2019); seminar at the Department of Economics and
Finance, ESADE Business School, (Barcelona, December 3, 2019);
Referee Activity
American Economic Journal: Economic Policy, American Economic Review, Annals of Statistics, Biometrika,
Computational Statistics & Data Analysis, Econometric Theory, Econometrica, Journal of Applied Econometrics,
Journal of Banking and Finance, Journal of Business Economics and Statistics, Journal of Econometrics,
Journal of Economic Dynamics and Control, Journal of Empirical Finance, Journal of Finance, Journal of
Financial and Quantitative Analysis, Journal of Financial Econometrics, Journal of Financial Intermediation,
Journal of Financial Stability, Journal of Machine Learning Research, Journal of the American Statistical
Association, Journal of the Royal Statistical Society (Series A), Journal of the Royal Statistical Society
(Series B), Macroeconomic Dynamics, Management Science, Quantitative Finance, Review of Asset Pricing
Studies, Review of Economics and Statistics, Review of Economic Studies, Review of Financial Studies.

Editorial Activity
Associate Editor for the Journal of Risk and Financial Management (2014–), Annals of Financial Economics
(2014–), Econometrics (2014–), Journal of Network Theory in Finance (2014–), International Journal of
Forecasting (2020–).
Teaching Experience
Summer Schools
"Systemic Risk Measurement", RSSIA 2017, Moscow 2017
"Econometric Methods for Financial Time Series", Barcelona GSE Summer School in Macroeconometrics,
Barcelona 2017
"Econometric Analysis of Networks", CIdE Summer School in Econometrics, Perugia 2014
"Volatility Modeling", CIdE Summer School in Econometrics, Bertinoro 2007–2010 and 2012.
Executive
"Systemic Risk Measurement", Barcelona GSE course on Systemic Risk and Prudential Policy, Barcelona
2012–2015.
Graduate
"Computing Lab" (Master in Data Science), Barcelona GSE, Barcelona 2014–2016.
"Financial Econometrics" (Master in Finance/Master in Data Science), Barcelona GSE, Barcelona 2011–
"Trading and Financial Markets" (Master in Finance), Barcelona GSE, Barcelona 2012–2014.

Undergraduate
“Forecasting Techniques”, Universitat Pompeu Fabra, Barcelona 2014–
“Probability & Statistics”, Universitat Pompeu Fabra, Barcelona 2011–

Conferences & Workshops Organization

BSE Summer Forum on Advances in Econometrics, Barcelona, June 13–15, 2022
Galatina Summer Forum on Econometrics, Galatina, Italy, August 31, 2019
BGSE Summer Forum on High-dimensional Statistics and Random Structures, Barcelona, June 18–19, 2018
BGSE Summer Forum on Time Series Analysis in Macro and Finance, Barcelona, June 14–15, 2018
BGSE Summer Forum on Time Series Analysis in Macro and Finance, Barcelona, June 6–7, 2017
BGSE Summer Forum on Time Series Analysis in Macro and Finance, Barcelona, June 20–21, 2016
BGSE Summer Forum on High-Frequency Financial Econometrics, Barcelona, June 11–12, 2015
BGSE Summer Forum on Time Series Analysis in Macro and Finance, Barcelona, June 8–9, 2015
BGSE Summer Forum on Time Series Analysis in Macro and Finance, Barcelona, June 19–20, 2014
BGSE Summer Forum on Time Series Analysis in Macro and Finance, Barcelona, June 10–11, 2013
Barcelona Workshop on Networks in Finance, Barcelona, May 3, 2012