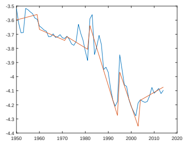

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Daniel Ventosa-Santaulària

Time-Series Econometrician

About Me I am a time-series econometrician specialized in nonstationary variables and currently working on long-range dependence processes. The bulk of my work lies in asymptotic inference, although I have a few macro-econometric papers. I obtained my PhD. in 2004 (Marseille, France); since then I have been working in academia in Mexico, first at the Universidad de Guanajuato (7^+ years), then (and currently) at CIDE. In 2011, I spent my sabbatical year at CREATES (Aarhus, Denmark).

Education, Distinctions, & Work

1999 - 2004, Aix-Marseille II

PhD in Mathematical Economics and Econometrics

Languages

- Spanish
- French
- English
- Catalan (basic)

2000 - 2003, CNRS

Grant from the *Centre National de la Recherche Scientifique*

2006 - 2016, SNI

Member of the *Sistema Nacional de Investigadores, level III*

Non academic positions

† INEGI
- ‡ [July 1997 - August 1998] Chief of Department, Seasonal adjustment

† Secretaría de Hacienda y Crédito Público
- ‡ [September 1998 - September 1999] Senior Analyst, Tax-income forecasting

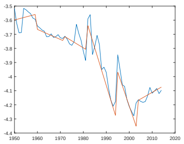
Academic positions

† Universidad Anáhuac
- ‡ [January 1998 - May 1998] Lecturer, Econometrics I
- ‡ [August 1998 - December 1998] Lecturer, Econometrics II
- ‡ [January 1999 - May 1999] Lecturer, Econometrics I

† Universidad de Guanajuato
- ‡ [August 2004 - July 2006] Assistant professor
- ‡ [August 2006 - July 2011] Associate professor
- ‡ [August 2011 - July 2012] Full professor

† CREATES
- ‡ [January - November 2011] Visiting researcher

† CIDE
- ‡ [August 2011 - Today] Full professor



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Teaching experience

- † 1998 - 1999 Universidad Anáhuac Undergraduate: Econometrics I & II
- † 2004 - 2012 Universidad de Guanajuato Undergraduate: international economics, econometrics I & II, time-series analysis; graduate: time series analysis, macroeconometrics
- † 2012 - today CIDE Undergraduate: econometrics I, time-series analysis; graduate: time series analysis, statistics, econometrics (PhD)

Publications

Articles

- † FORTHCOMING Why does the peso-dollar exchange rate show a depreciation trend? The role of productivity differentials *Economic Modelling* [with A. López-Marmolejo].

- † FORTHCOMING The VIX, the Variance Premium, and Expected Returns *Journal of Financial Econometrics* [with D. Osterrieder and E. Vera-Valdés].

- † 2018 Mexico's Inter-Regional Inequality: a Convergent Process? *Empirical Economics* [with A. Mendoza and V. Germán-Soto].

- † 2017 Barriers and explanatory mechanisms of delays in the patient and diagnosis intervals of care for breast cancer in Mexico. *The Oncologist* 22:1, pp. 1-14 [with K. Unger-Saldaña, A. Miranda and G. Verduzco].

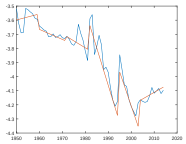
- † 2017 On the Persistence of Prices in Mexico: A Fractional Integration Approach. *Applied Economics* 49 (60), pp. 6014-6023 [with M. Gómez and P. Chávez].

- † 2017 Changes in persistence, spurious regressions and the Fisher hypothesis. *Studies in Nonlinear Dynamics & Econometrics* 21 (3), 28 [with R. Kruse and A.E. Noriega].

- † 2017 Energy-growth long-term relationship under structural breaks. Evidence from Canada, 17 Latin American economies and the USA. *Energy Economics* 61, pp.121-134 [with C.V. Rodríguez-Caballero].

- † 2016 A Simple Solution for Spurious Regressions. *Communications in Statistics. Theory and Methods* 45 (19), pp. 5561-5583 [with A.E. Noriega].

- † 2016 A comment on 'Resolving spurious regressions and serially correlated errors'. *Empirical Economics* 51 (3), pp. 1289-1298 [with J.E. Vera-Valdés and A. Martínez-Olmos].



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Articles

† **2015** Long-Run Monetary Neutrality Under Stochastic and Deterministic Trends. *Economic Modelling* 47, pp. 372-382 [with A.E. Noriega].

† **2015** The Real Exchange Rate, Regime Change and Volatility Shift. *Applied Economics.* 47 (24) [with M. Gómez-Zaldívar and F.H. Wallace].

† **2014** Long-Memory and the Sea Level - Temperature Relationship: A Fractional Cointegration Approach.PLOS ONE 9(11): E113493 [with D. Heres and L.C. Martínez]. DOI: `10.1371/journal.pone.0113439`

† **2014** Is the Real Effective Exchange Rate Biased Against the PPP Hypothesis. *Economics Bulletin.* Vol. 34(1), pp. 395-399 [with M. Gómez - Zaldívar and F.H. Wallace].

† **2014** Granger-Causality and Unit Roots *Journal of Statistics and Econometric Methods.* Vol. 3(1), pp. 97-114 [with C.V. Rodríguez - Caballero].

† **2013** The PPP Hypothesis and Structural Breaks: The Case of Mexico *Empirical Economics.* Vol. 45(3), pp. 1351-1359 [with M. Gómez-Zaldívar and F.H. Wallace].

† **2013** Polynomial Regressions and Nonsense Inference *Econometrics.* Vol. 1(3), pp. 236-248 [with C.V Rodríguez Caballero].

† **2013** The Statistical Relation of Sea Level and Temperature *Dynamics of Atmospheres and Oceans.* Vol. 64, pp. 1-9 [with S. Grassi and E.T. Hillebrand].

† **2013** Long-Run Relationship whit Shifts Between Mexican Current Account Revenues and Expenditures *Economics Bulletin.* Vol. 33(2), pp. 1317-1327 [with M. Gómez-Zaldívar and L.A. Pérez].

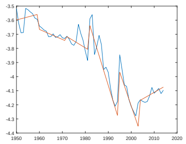
† **2013** A comment on 'Testing the Validity of quasi PPP: Evidence from a Recent Panel Unit Root Test with Structural Breaks *Applied Economics Letters.* Vol. 20(2), pp. 111-113 [with M. Gómez-Zaldívar].

† **2012** Regional Output Convergence in Mexico *Latin American Journal of Economics.* Vol. 49(2), pp. 217-236 [with M. Gómez-Zaldívar].

† **2012** Unbalanced Regressions and Spurious Inference *Open Journal of Statistics.* Vol. 2(3), pp. 297-299.

† **2012** The Effect of Structural Breaks on the Engle-Granger Test for Cointegration *Estudios Económicos.* Vol. 27(1), pp. 99-132 [with A.E. Noriega]

† **2012** A Comment on 'Is The Spurious Regression Problem Spurious?' *Economics Letters* Vol. 115, pp. 229-235 [with B. Martínez-Rivera]



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Articles

† **2012** Spurious Forecasts? *Journal of Forecasting* Vol. 31, pp. 245-259 [with B. Martínez-Rivera and J.E. Vera-Valdés]

† **2011** Spurious Regression and Lurking Variables *Statistics & Probability Letters.* Vol. 81, pp. 2004-2010 [with L. García-Belmonte]

† **2011** Revenue Elasticity of the Main Federal Taxes in Mexico *Latin American Journal of Economics.* Vol. 48(1), pp. 89-111 [with F.J. Fonseca]

† **2011** Non-Stationarity and Non-Orthogonality: Should we care about it? *Journal of Probability and Statistics.* Vol. 2011, Article ID: 329870, pp. 15 [with J.A. Campillo-García]

† **2010** Testing for a Deterministic Trend when there is Evidence of Unit Root *Journal of Time Series Econometrics,* Vol. 2. Issue 2, Article 3 [with M. Gómez-Zaldívar]

† **2010** Per Capita Income Convergence: The Dickey-Fuller Test under the Simultaneous Presence of Stochastic and Deterministic Trends *Annales d'Économie et de Statistique,* No. 99/100, pp. 429-445 [with M. Gómez-Zaldívar]

† **2010** Fall in the Indian Population After the Arrival of the Spaniards. Diseases or Exploitation? An Analysis of Wages in Central Mexico in the Sixteenth Century *Investigación Económica,* Vol. LXIX No 272, pp. 87-104 [with A.T. Moreno-Okuno]

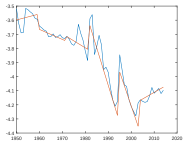
† **2010** Testing for an Irrelevant Regressor in a Simple Cointegration Analysis *Economics Bulletin.* Vol. 30 No 2, pp. 1333-1345

† **2010** Spurious Instrumental Variables *Communications in Statistics. Theory and Methods* Vol. 39, pp. 1997-2007

† **2009** Broken Mean Stationarity and the Validity of the Dickey-Fuller Test: The Case of Controlled Inflation *Brazilian Review of Econometrics,* Vol. 29 No 1, pp. 1-14 [with M. Gómez-Zaldívar]

† **2009** Spurious Regression *Journal of Probability and Statistics* Vol. 2009, article ID:802975, 27 pages.

† **2009** The Bilateral Relationship Between Consumption and GDP in Mexico and the US: A comment *Applied Econometrics and International Development,* Vol. 9 No 1, pp. 77-90 [with M. Gómez]



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Articles

† **2008** Granger-Causality in the Presence of Structural Breaks *Economics Bulletin* Vol. 3 No 61 pp. 1-14 [with J.E. Vera-Valdés]

† **2007** Spurious Regression and Trending Variables *Oxford Bulletin of Economics and Statistics,* Vol. 69 No 3, pp.439-444 [with A.E. Noriega]

† **2006** Spurious Regression under Broken Trend Stationarity *Journal of Time Series Analysis* Vol. 27 No 5, pp.671-684 [with A.E. Noriega]

Articles in Spanish

† **2011** Paradoja Feldstein-Horioka: El caso de México(1950-2007). *Estudios Económicos,* Vol. 26 No 2, pp 293-313 [with V.H. Alcalá-Ríos and M. Gómez-Zaldívar]

† **2009** Regresión Espuria en Especificaciones Dinámicas. *Ensayos Revista de Economía,* Vol. XXVIII No. 1, pp 1-20 [with M. Gómez - Zaldívar and O. Manjarrez]

† **2009** Liberación Comercial y Convergencia Regional del Ingreso en México. *El Trimestre Económico,* Vol. LXXVI(1), pp 215-235 [with M. Gómez-Zaldívar]

† **2008** Varianza Condicional de Medias Móviles No-lineales. *Ensayos Revista de Economía,* Vol. XXVII No. 2, pp 29-48 [with M. Gómez-Zaldívar and A. Mendoza]

† **2008** Elasticidad-Ingreso de los Impuestos Federales en México: Efectos sobre la recaudación federal participable. *El Trimestre Económico,* Vol. LXXV (2) No. 298, pp 519-532 [with O.J. Cárdenas and M. Gómez-Zaldívar]

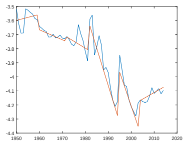
Public outreach & books

† **Forthcoming** Análisis Econométrico de Series de Tiempo. Ed. Alpha-Omega.

† **2012** Crueldad [Photogragy] in Carta de la Tierra: Imágenes por la vida. [S.T. Súcar, M.M. Sandoval and J.F. Cruz Vega (Comps.)], Ed. Carta de la Tierra Internacional/Semarnat/INE/U.G

† **2010** *Convergencia en el Ingreso entre la Frontera Sur de EEUU y la Frontera Norte y Región Capital de México,* In R. Lozano, F.H. Wallace & L.F. Cabrera Castellanos (Eds) **Ensayos de Economía Regional.** Plaza y Valdés, México

† **2009** Spurious Regression in Time Series Econometrics [PoD Book], Ed VDM.



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Public outreach & books

† **2009** Non-Linear Moving-Averange Conditional Heteroskedasticity: some proposal [PoD Book], Ed. VDM.

† **2006** ¿Qué es la Econometría? *Acta Universitaria.* Vol. 16 No 3 pp. 47-51

† **2017-Present** **Invited speaker at the Radio Program "Bienes Terrenales", UNAM .** Electronic website:"<here>"

† **2007-2011** **Columnist at The Daily News "Correo".** Electronic Versions of these notes (in spanish) can be found at:"<here>"

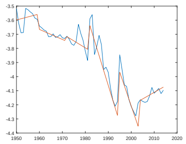
Academic life

Research stays

† **CREATES, Denmark** [November, 2013] VEC, Long Memory, Inflation, Polynomial Regressions and Endogeneity; (with D. Osterrieder, N. Haldrup, C.V. Rodríguez-Caballero & J.E. Vera-Valdés).

† **CREATES, Denmark** [February-November, 2011] VEC, Long Memory, Fisher Effect and Climatic Change; (with S. Grassi, E. Hillebrand, R. Kruse & D. Osterrieder).

† **Universitat de Girona, Spain** [June, 2011] Income Convergence Between Regions in Spain.



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Refereeing

† **Associate editor**: Latin American Economic Review [2014-2016].

† **Editorial Board**: Equilibrio Económico.

† **Refereeing**:
- ‡ English: Advances in Statistical Analysis, Atmosphera, Communication in Statistics, Computational Statistics and Data Analysis, Review of Development Economics, Economic Modelling, Economics Bulletin, Applied Economics, Computational Economics, Empirical Economics, Journal of International Money and Finance, Journal of Statistical Computation and Simulation, Journal of Applied Mathematics, Latin American Economic Review, Journal of Money Credit and Banking.
- ‡ Spanish: Econoquantum, Economía Mexicana, Economía, Teoría y Práctica, Ensayos. Revista de Economía, Equilibrio Económico, Estudios Económicos, Estudios de Economía, Trimestre Económico, Agrociencia, Lecturas de Economía, Realidad Datos y Espacio, Acta Universitaria, Bosques y Maderas.
- ‡ Science Councils: National Science Foundation (USA), CONACYT (MEX).

Consulting projects

† **BID** [2016] Relationship between productivity and the exchange rate (Mexico).
† **Banxico** [2017] Demand of coins in Mexico.
† **DeAcero** [2018] Forecasts of steel demand.

References

† **Niels Haldrup** Head of Department, Professor, Department of Economics and Business Economics, Aarhus University, Denmark. nhaldrup@econ.au.dk
† **Søren Johansen** Professor of Econometrics, Department of Economics. University of Copenhagen, Denmark. sjo@math.ku.dk
† **Ignacio Lobato** Professor of Economics, Center for Economic Research. Instituto Tecnológico Autónomo de México. ITAM, Mexico. ilobato@itam.mx