Curriculum Vitæ — Luis F. Martins

March 2019

Personal Information:

Name: Luis Filipe Farias de Sousa Martins;

Date of Birth: June 3, 1973; *Local of Birth:* Lisbon, Portugal;

Citizenship: Portuguese; *Marital Status:* Married, Two Daughters

Contacts:

Address: ISCTE–IUL, Business School, Cacifo 170, Avenida das Forças Armadas,
1649-026 Lisboa, Portugal; *Office:* D514

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Education and Languages:

- "Agregação" in Economics (field: Econometrics), Universidade Nova, School of Business and Economics, July 2014.
- *Ph.D.* in Economics, Pennsylvania State University (PSU), U.S.A., May 2005, "Structural Changes in Nonstationary Time Series Econometrics: Time Varying Cointegration and Modeling Catastrophic Events," Supervisor: Professor Herman J. Bierens.
- *M.S.* in Mathematical Modeling for Economics and Management, Instituto Superior de Economia e Gestão - Technical University of Lisbon (ISEG - TUL),1998, "Integer and Fractional Cointegration of the Exchange Rates: Application to the Portuguese Case," Supervisor: Professor Nuno P. Crato.
- *Licenciatura* in Economics, ISEG - TUL, 1995.
- Portuguese (native); English (excelent); Spanish (good); French (fair).

Grants and Awards:

- Fundação para a Ciência e Tecnologia (FCT - National Science and Technology Foundation) and other Research Projects as Principal Investigator:
  - PTDC/EGE-ECO/122093/2010, "Robust Inference in Rational Expectation Models", 2011-2014.
  - Treaty of Windsor, Anglo-Portuguese Joint Research Programme 2010, "Robust Inference in Estimated Monetary Policy Models", June 2010 - May 2011.
  - PTDC/ECO/68367/2006, "New Developments in Cointegration Subject to Structural Changes", 2008-2011.

- Tuition *Grant-in-Aid* from the PSU Grad School and the ISS: Spring 2005; *Visiting Researcher Grant* at the Bank of Portugal: 5/2009-7/2009; European Economic Association *Seed Grant* (in 2017).

- *Scholarship* from FCT and FSE and ISCTE: 2000-2004; *Sabbatical Scholarship* from FCT: 2/2009-4/2009

- 2015 Euronext Lisbon *Awards* (Best Scientific Research on Portuguese Capital Markets): paper IRFA (2014) bellow.

Positions Held and Visiting Positions:

- July 2018-Present, *Assistant Professor "com Agregação",* Department of Economics (DE), Instituto Superior de Ciências do Trabalho e Empresa - Business School (ISCTE-BS), Lisbon, Portugal.

- 2014-June 2018, *Assistant Professor "com Agregação",* Department of Quantitative Methods (DQM), ISCTE-BS, Lisbon, Portugal

- 2005-2014, *Assistant Professor,* DQM, ISCTE-BS, Lisbon, Portugal

- 1998-2005, *Lecturer (*2000-2005, *On Leave),* DMQ, ISCTE-BS, Lisbon, Portugal

- 1996-1998, *Lecturer,* DQM, ESGHT, University of Algarve (UA), Faro, Portugal

- *Visiting Professor* at Department of Economics, Boston University, Boston, EUA (3/2009), Department of Economics, University of Surrey, Guildford, UK (2/2009 and 4/2009), Department of Economics at University of Economics at Oporto (Spring 2011; Spring 2012; Spring 2013; Spring 2015; Spring 2016).

- Summers 2003 and 2004*, Graduate Instructor;* Fall 2003 and 2004, *Teaching Assistant;* Spring 2005, *General Education TA;* All at Department of Economics, PSU, USA

Teaching Experience and Supervision of Dissertations:

- *Undergraduate*: Mathematical Statistics (UA); Linear Algebra (UA, ISCTE); Calculus (UA, ISCTE); Optimization (ISCTE), Econometrics (ISCTE, PSU); Time Series (ISCTE).

- *Graduate, MsC*: Time Series (ISCTE); Financial Econometrics (ISCTE); Econometrics (ISCTE); Macroeconometrics (ISCTE); Microeconometrics (ISCTE).

- *Graduate, Phd*: Microeconometrics (ISCTE); Macroeconometrics (University of Oporto)

- *Phd Supervision*:

  - Maria da Conceição Figueiredo, “Quantile Regression in Wage Equations - Decomposition Approach" (Phd in Quantitative Methods - Microeconometrics), 2011.

- Paulo Horta, "The Impact of 2008 and 2010 Financial Crises on International Stock Markets: Contagion and Long Memory" (Phd in Economics), 2015.
- Cátia Sousa, "CO2 Emissions, Economic Growth and Electric Vehicles: An Assessment of the Power and Transport Sectors", (Phd in Economics), 2015.
- Marco Fernandes, "Contributos para a Explicação dos Puzzles Equity Premium e Risk Free Rate a partir do Modelo Recursivo Epstein-Zin-Weil: Uma Análise Empirica" (written in portuguese), (Phd in Economics), 2015.
- Marta Silva, "Empirical Analysis of Employment Protection Legislation Changes on Portuguese Labour Market", (Phd in Economics), 2016.

Activities in Academics and Associations:

- Director of the PhD Program in Economics (February 2019-present)
- *Refereeing:* American Journal of Agricultural Economics; Computational Statistics and Data Analysis; Econometric Theory; Economics Letters; Empirical Economics; Journal of Business & Economic Statistics; Journal of Econometrics; Journal of International Money and Finance; Journal of Macroeconomics; Journal of Money, Credit, and Banking; Journal of Time Series Analysis; Journal of Time Series Econometrics; International Review of Financial Analysis; Quarterly Review of Economics and Finance; Studies in Nonlinear Dynamics & Econometrics; Tourism Management.
- Member of the Local Organising Committee of the 2017 Annual Congress of the European Economic Association (EEA)/European Meeting of the Econometric Society (ESEM), UL and ISCTE, Lisbon (December 2014 - August 2017)
- Member of the Scientific Committee of BRU-IUL, ISCTE (November 2014-present)
- Co-organizer of the QMD seminars, ISCTE (2008-2010) and BRU-IUL, ISCTE (May 2014-September 2015)
- *Memberships:* American Statistical Association; Econometric Society; Royal Economic Society; European Economic Association; Fellow of the EABCN (Euro Area Business Cycle Network); Centre for International Macroeconomic Studies (CIMS), University of Surrey.

Research:

- *Research Interests:* Econometrics, Applied Macroeconomics, Applied Finance.
- *Some Ongoing Research:* structural breaks in cointegration and its applications, generalized empirical likelihood in dynamic stochastic equilibrium models, applications in finance, model selection and evaluation, forecasting in econometric models.

- *Under Revision for Publication (Revise and Resubmit):*

Publications:

- *Refereed Articles (ABS journal articles, AJG 2015):*
  - Grade Four
    - 2017, “An Empirical Analysis of the Influence of Macroeconomic Determinants on World Tourism Demand”, *Tourism Management*, **61**, 248-260 (with Yi Gan and Alexandra Ferreira-Lopes).
    - 2010, ”Time Varying Cointegration,” *Econometric Theory,* **26,** 1453-1490 (with Herman J. Bierens).
    - 2010, “The Cost Channel Reconsidered: A Comment Using an Identification-Robust Approach,” *Journal of Money, Credit and Banking,* **42**, 1703-1712 (with Vasco J. Gabriel).
  - Grade Three
    - “Unconventional Monetary Policies and Bank Credit in the Eurozone: An Events Study Approach”, forthcoming *International Journal of Finance & Economics* (with Joana Batista and Alexandra Ferreira-Lopes).
    - 2018, “Asymmetric Labour Market Reforms: Effects on Wage Growth and Conversion Probability of Fixed-Term Contracts”, *ILR Review (Industrial and Labor Relations Review)*, **71 (3)**, 760-788 (with Marta Silva and Helena Lopes).
    - 2018, “Bootstrap Tests for Time Varying Cointegration”, *Econometric Reviews,* **37 (5)**, 466-483.
    - 2016, "Improved Tests for Forecast Comparisons in the Presence of Instabilities", *Journal of Time Series Analysis,* **37**, 650-659 (with Pierre Perron).
    - 2016, "Unveiling Investor Induced Channels of Financial Contagion in the 2008 Financial Crisis using Copulas”, *Quantitative Finance*, **16 (4)**, 625-637 (with Paulo Horta and Sergio Lagoa).
    - 2015, "The Empirical Determinants of Credit Default Swap Spreads - a Quantile Regression Approach", *European Financial Management*, **21**, 556-589 (with Pedro Pires and João P. Pereira).
    - 2014, “Linear Instrumental Variables Model Averaging Estimation”, *Computational Statistics and Data Analysis*, **71**, 709-724 (with Gabriel, V.J.)
    - 2014, “Testing for Persistence Change in Fractionally Integrated Models: An Application to World Inflation Rates”, *Computational Statistics and Data Analysis*, **76**, 502-522 (with Paulo M.M. Rodrigues).
    - 2014, “The Impact of the 2008 and 2010 Financial Crises on the Hurst Exponents of International Stock Markets: Implications for Efficiency and Contagion”, *International Review of Financial Analysis,* **35**, 140-153 (with Paulo Horta and Sergio Lagoa)

- * 2014, “Modelling Long Run Comovements in Equity Markets: A Flexible Approach”, *Journal of Banking and Finance*, **47**, 288-295 (with Vasco Gabriel).
  * 2004, ”On the Forecasting Ability of ARFIMA Models when Infrequent Breaks Occur,” *Econometrics Journal*, **7**, 455-475 (with Vasco J. Gabriel).
- Grade Two
  * “A Time-Varying Approach of the U.S. Welfare Cost of Inflation”, forthcoming *Macroeconomic Dynamics* (with Stephen Miller and Rangan Gupta).
  * 2013, “A Note on Cointegration Spaces in Time-Varying Cointegration”, *Studies in Nonlinear Dynamics and Econometrics,* **17**, 199-209 (with Vasco J. Gabriel).
  * 2013, "Testing for Parameter Constancy Using Chebyshev Time Polynomials", *The Manchester School,* **81**, 586-598.
  * 2011, "Cointegration Tests Under Multiple Regime Shifts: An Application to the Stock Price–Dividend Relationship," *Empirical Economics,* **41**, 639-662 (with Vasco J. Gabriel).
  * 2009, ”New Keynesian Phillips Curves and Potential Identification Failures: a Generalized Empirical Likelihood Analysis,” *Journal of Macroeconomics,* **31**, 561-571 (with Vasco J. Gabriel).
  * 2009, ”Nonparametric Unit Root Tests and Dramatic Shifts with Infinite Variance Processes,” *Journal of Applied Statistics,* **36**, 547-571.

- *Monographs:* 2007, *”Structural Changes in Nonstationary Time Series Econometrics: Time Varying Cointegration and Modeling Catastrophic Events,”* VDM Verlag, ISBN: 978-3-8364-3427-0.

Conference and Seminar Presentations:

- *Presentation of Contributed Papers:* **1997**: Cemapre (ISEG, TUL, Lisbon); **1999**: Spring Meeting of Young Economists - poster - (Amsterdam); **2000**: Cemapre (ISEG), SPIE (Oporto) and International Symposium on Forecasting (Lisbon); **2005**: World Congress of the Econometric Society (London) and Unit Root and Cointegration Testing Conference - poster - (Faro, Portugal); **2007**: DIW Macroeconometric Workshop - poster - (Berlin, Germany); **2008**: Workshop on Model Selection (Vienna) and 62nd European Meeting of the Econometric Society (Milan); **2010**: International Atlantic Economic Society (Prague), Sir Clive Granger Memorial Conference - poster - (Nottingham), Fourth Meeting of the Portuguese Economic Journal (Faro), Fall 2010 Meeting of the Econometric Time Series European Research Network (Lisbon); **2011:** 14th Applied Stochastic Models and Data Analysis International Conference (Rome), 65th European Meeting of the Econometrics Society (Oslo), Annual Meeting of the Association of Southern European Economic Theorists (ASSET) (Évora); **2012:** 1st Meeting of the Portuguese Econometric Society (Lisbon); Workshop Statistical Inference in Complex/High-Dimensional Problems (Vienna); 6th Annual Meeting of the Portuguese Economic Journal (Lisbon); 66th European Meeting of the Econometrics Society (Malaga); **2013:** Annual Conference of the Royal

Economic Society (London); Infiniti Conference on International Finance (Aix-en-Provence); Joint Statistical Meetings (Montreal); **2014:** Annual Conference of the Royal Economic Society (Manchester); 10th BMRC-DEMS Conference (London); 8th Annual Meeting of the Portuguese Economic Journal (Braga); **2016:** 69nd European Meeting of the Econometric Society (Geneva); Infiniti Conference on International Finance (Dublin); Conference on New Trends and Developments in Econometrics, Portuguese Central Bank - poster - (Lisbon); **2017:** 70nd European Meeting of the Econometric Society (Lisbon); World Finance Conference (Cagliari); **2018:** 8th Workshop in Time Series Econometrics (Zaragoza).

- *Invited Seminars:* **1998**: University of Minho, Braga, Portugal; **2004**: PSU, USA; **2005**: UM (discussant); **2006**: ISCTE - DQM, Lisbon, Portugal; ISEG - DM, CEMAPRE, Lisbon; **2007**: ISCTE - CEMAFE (discussant); University of Évora, CEFAGE Workshops, Perspectivas da Investigação em Portugal, 1^o Painel: Econometria; **2009**: ERD, Portuguese Central Bank, Lisbon, Portugal; University of Minho, Braga, Portugal; **2010:** ISEG - DM, CEMAPRE, Lisbon; **2012**: PSU, USA; **2014**: Portuguese Central Bank (discussant); **2015**: CEFAGE Seminars, University of Évora; CFE 2015, London; **2015**: CFE 2016, Seville; **2018:** Statistics and econometrics seminar, Faculty of Economics and Business at the KU Leuven; CFE 2018, Pisa; **2019**: Boston University 2019 Pi-day Econometrics Conference (celebrate 60th Pierre Perron anniversary).