



Short Curriculum Vitae

Porto, April 2022

[Maria Eduarda Silva](#)

Porto, 02/12/1961

Email: mesilva@fep.up.pt

Maria Eduarda Silva is an Associate Professor with habilitation at *School of Economics and Management, University of Porto*. She is Director of the Master in Data Analytics and General Secretary of the Federation of the National Statistical Societies. She has served as President of the Portuguese Statistical Society, SPE, deputy president of Department of Applied Mathematics, Member of Scientific Board of the Doctoral Program in Applied Mathematics, Member of Scientific Board of MSc in Statistics, Member of Scientific Board of BSc in Applied Mathematics. She has served as Member of the Board of Regents of the Faculty of Economics.

ACADEMIC QUALIFICATIONS

2015- Habilitation in Applied Mathematics

1994- PhD from the University of Manchester

ACADEMIC POSITIONS

2008- Associate professor at School of Economics and Management, University of Porto

1994-2007- Auxiliary Professor at Faculty of Science, University of Porto

RESEARCH ACTIVITY

Projects

2018-2021, *PREFERENTIAL- Improving spatial estimation and survey design through preferential sampling in fishery and biological applications*

2008-2009, *Theory and application of integer-valued time series*

2005-2008, *Contributions to the identification, forecasting and control of stochastic systems*

1997-1999, *Bilinear Time Series with Markov Regime*

1996-1997, *Estimation of the fractional parameter in long memory non Gaussian time series*

1995-1996, *Long range properties of nonlinear time series models*

1993-1994, *Nonlinear time series models for integer valued processes*

Supervision of students

8 PhD students; 20 MSc Students

KEY WORDS ON METHODOLOGICAL RESEARCH AREAS: time series, nonlinear time series, time series of counts, spatio-temporal, forecasting, applications to economics and finance, environment, biomedicine, finance and geophysical processes.

She has authored 65 referred papers, with 55 Scopus citations, and a Scopus h-index of 14. She has published in international journals, such as *Journal Time Series Analysis*, *Journal of Multivariate Analysis*, *AStA Advances in Statistical Analysis*, *Data Mining and Knowledge Discovery*, *Spatial Statistics*, *Statistical Papers*, *Communications in Statistics* and conference proceedings.

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