

Vera Lúcia Teixeira Alves de Oliveira

Vera Lúcia Oliveira has a PhD in Applied Mathematics from Science Faculty University of Porto (2001). She is Professor at the Mathematics Department of the Porto Accounting and Business School (ISCAP) of the Polytechnic Institute of Porto (P.PORTO), Portugal, since 1992. She teaches subjects like Forecasting Methods, Statistics, Mathematics, Applied Mathematics, among others. She is author and co-author of several peer-reviewed publications on Time Series (INAR Models), Mathematics Education, Teaching and Learning, E-Learning and Higher Education. Researcher at CEOS.PP - Centre for Organisational and Social Studies of P. Porto. Her main research interests are Time series; INAR Models; Mathematics Education; Applied Mathematics; Teaching and Learning; E-Learning; Higher Education; Statistics.

Identification

Personal identification

Full name
Vera Lúcia Teixeira Alves de Oliveira

Gender
Female

Citation names

OLIVEIRA, VERA
Oliveira, VL
VERA LÚCIA OLIVEIRA

Author identifiers

Ciência ID
7619-6618-B4A7

ORCID iD
[0000-0002-9791-3513](https://orcid.org/0000-0002-9791-3513)

Knowledge fields

Exact Sciences - Mathematics - Applied Mathematics

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
Portuguese (Mother tongue)					
English	Upper intermediate (B2)	Upper intermediate (B2)	Upper intermediate (B2)	Upper intermediate (B2)	Upper intermediate (B2)
French	Elementary (A2)	Elementary (A2)	Elementary (A2)	Elementary (A2)	Elementary (A2)
Spanish; Castilian	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)
Polish	Elementary (A2)	Elementary (A2)	Beginner (A1)	Beginner (A1)	Beginner (A1)

Education

	Degree	Classification
1996/10/24 - 2001/05/10 Concluded	Applied Mathematics (Doktor (PhD))	
	Universidade do Porto Faculdade de Ciências, Portugal <i>"Modelos Autoregressivos para Sucessões Cronológicas de Contagem: caracterização e modelação. "</i> (THESIS/DISSERTATION)	
2001 Concluded	Vera Lúcia Teixeira Alves de Oliveira (Doutoramento)	
	Universidade do Porto Faculdade de Ciências, Portugal	
2001 Concluded	Matemática Aplicada (Doutoramento)	
	Universidade do Porto Faculdade de Ciências, Portugal	
1993/10 - 1995/03 Concluded	Matemática Aplicada (Mestrado)	
	Universidade do Porto Faculdade de Ciências, Portugal <i>"Análise e Previsão de Sucessões Cronológicas baseadas em Modelos de Decomposição. "</i> (THESIS/DISSERTATION)	

Affiliation

Science

Category	Employer
Host institution/organization	

2023/05/04 - Current	Research Assistant (Research) Instituto Politécnico do Porto, Portugal	Instituto Politécnico do Porto Centro de Estudos Organizacionais e Sociais, Portugal
----------------------	---	--

Teaching in Higher Education

	Category Host institution/organization	Employer
1992/03/02 - Current	Adjunct Teacher (Polytechnic Teacher) Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal (...)	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

Outputs

Publications

Book	1	OLIVEIRA, VERA. <i>Exame 2024 : MACS, 11º ano</i> . Leya Educação. 2023. Published
Conference paper	1	Lopes, Ana Paula; Soares, Filomena; Azevedo, José; Nunes, Maria Paula; Oliveira, Vera. "DEVELOPING A SEQUENTIAL AND MULTI-LEVELLED QUESTION BANK FOR SMALL CLASS TASKS". 2023. Published · 10.21125/inted.2023.2222
	2	VERA LUCIA OLIVEIRA. "QUIZ MAKER TOOLS: ANALYSIS AND PEDAGOGICAL APPLICATIONS". 2022. 10.21125/edulearn.2022.2352
	3	OLIVEIRA, VERA; Maria Eduarda Silva. "Análise bispectral dos Modelos INAR". Paper presented in <i>Vera Lúcia Oliveira</i> , 2001. Published
	4	OLIVEIRA, VERA; Maria Eduarda Silva. "Processos para Séries Temporais de Contagem". Paper presented in <i>Processos para Séries Temporais de Contagem</i> , 2000. Published
	5	OLIVEIRA, VERA. "Modelos Inteiros para Processos de Contagem.". Paper presented in <i>Modelos Inteiros para Processos de Contagem.</i> , 2000. Published
Journal article	1	Maria Eduarda Silva; OLIVEIRA, VERA. "Difference Equations for the Higher Order Moments and Cumulants of the INAR(p) Model". <i>Journal of Time Series Analysis</i> 26 1 (2005): 17-36. http://dx.doi.org/10.1111/j.1467-9892.2005.00388.x . 10.1111/j.1467-9892.2005.00388.x

- 2 Maria Eduarda Silva; OLIVEIRA, VERA. Corresponding author: Maria Eduarda Silva. "Difference Equations for the Higher-Order Moments and Cumulants of the INAR(1) Model". *Journal of Time Series Analysis* 25 3 (2004): 317-333. <http://dx.doi.org/10.1111/j.1467-9892.2004.01685.x>.
10.1111/j.1467-9892.2004.01685.x

Preprint

- 1 Maria Eduarda Silva; OLIVEIRA, VERA. "Difference Equations for the Higher Order Moments and Cumulants of the INAR(p) Model.". 2000.
- 2 Maria Eduarda Silva; OLIVEIRA, VERA. "Difference Equations for the Higher Order Moments and Cumulants of the INAR(1) Model.". 2000.

Thesis /
Dissertation

- 1 "Modelos Autoregressivos para Sucessões Cronológicas de Contagem: caracterização e modelação.". PhD, Universidade do Porto Faculdade de Ciências, 2000. <https://www.fc.up.pt/dcc/contactos/funcionarios.php?tipo=orient&login=mesilva&&lang=pt>.
- 2 "Análise e Previsão de Sucessões Cronológicas baseadas em Modelos de Decomposição.". Master, Universidade do Porto Faculdade de Ciências, 1995. <https://www.iseg.ulisboa.pt/aquila/homepage/fl17/curriculum>.

Activities

Event organisation

	Event name Type of event (Role)	Institution / Organization
2022 - 2022	Member of the Local Scientific and Organizing Committee of the International Building Bridges in STEAM Education in the 21st century - BBC 22 (2022 - 2022) Conference (Member of the Organising Committee)	Instituto Politécnico do Porto, Portugal
2021 - 2021	Member of the Local Scientific and Organizing Committee of the First International Conference in E-Learning in STEM Education - ESE 2021 (2021/07/07 - 2021/07/07) Conference (Co-organisor)	Instituto Politécnico do Porto, Portugal
2021 - 2021	Chair at the First International Conference in E-Learning in STEM Education - ESE 2021 (2021 - 2021) Conference	Instituto Politécnico do Porto, Portugal

Committee member

	Activity description Role	Institution / Organization
2021 - Current	Membro do Júri Prémio MatDesafio - MatActiva ISCAP Member	Instituto Politécnico do Porto, Portugal
2020 - 2023	Comissão de Reconhecimento/ Certificação de Competências representante área científica de Matemática Member	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2015 - 2020	Member of Advisory Board member at British International School of Cracow (BISC) Member	British International School in Cracow, Poland
2013 - 2020	Member of Parent Teacher Association (PTA)at British International School of Cracow (BISC) Member	British International School in Cracow, Poland
2007 - 2013	Membro efetivo do Conselho Científico do ISCAP Politécnico do Porto. Member	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2001 - 2007	Membro convidado do Conselho Científico do ISCAP Politécnico do Porto.	
2003 - 2005	Membro efetivo da Assembleia de Representantes do ISCAP. Member	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal
2001 - 2002	Membro da Subcomissão de Autoavaliação do ISCAP Member	Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

Consulting

	Activity description	Institution / Organization
2014 - Current	Promoted the Inter-institutional Agreement between the Krakow University of Economics (UEK) and Polytechnic of Porto (ISCAP) .	Uniwersytet Ekonomiczny w Krakowie, Poland Instituto Politécnico do Porto Instituto Superior de Contabilidade e Administração do Porto, Portugal

2013 - 2020	Promoted traineeship programme between some companies in Poland and Polytechnic of Porto (ISCAP).	Jerónimo Martins, Portugal Philip Morris Polska, Poland
2013 - 2020	Organized and promoted various cultural events in Krakow as a member of Parent Teacher Association (PTA) and as a member of the international community in Krakow.	British International School in Cracow, Poland

Scientific expedition

	Activity description	Institution / Organization
2008 - Current	External scientific examiner of academic manuals	LeYa, Portugal