

CURRICULUM VITAE

Jorge F.C.L. Cadima

Personal Information

Email jcadima@isa.ulisboa.pt

Telephones MOB: OFFICE: +351 21 365 3317

Academic Degrees

1978 *Licenciatura* in Applied Mathematics – Branch of Statistics and Computing
University of Lisbon (*Faculdade de Ciências da Universidade de Lisboa*)
1992 PhD in Statistics – University of Kent at Canterbury (UK)

Current Position

Professor Associado

Professional Experience

1978- 1981 Worked in the consulting company SISMET in data analysis for local and regional planning.
Since 1981 – teaches at Instituto Superior de Agronomia (School of Agricultural Studies) at the University of Lisbon (Universidade de Lisboa)

Teaching

Has taught (and in many cases been in charge of) many different Bsc, MSc and PhD courses in Introductory Statistics, Statistics and Experimental Design, Multivariate Statistics, Statistical Models (linear models, generalized linear models, nonlinear regression, etc.), Mathematical Analysis, Dynamical Systems, Introduction to Computing, etc.
Has taught in the Experimental Methodology and Statistics module of Vinifera EuroMaster since 2013.

5 Publications

1. Cadima, J. (2013) Sobre a geometria das distâncias de Mahalanobis no espaço das variáveis. Actas do XX Congresso Anual da Sociedade Portuguesa de Estatística - Porto 2012, Edições SPE.
2. Cadima, J., Calheiros, F.L. & Preto, I.P. (2010)
The eigenstructure of block-structured correlation matrices and its implications for Principal Component Analysis,
Journal of Applied Statistics, 37(3-4), 577-589.
3. Cadima, J. & Jolliffe, I. (2009)
On Relationships Between Uncentred and Column-Centred Principal Component Analysis, Pakistan Journal of Statistics, 25(4), 473-503.
[http://www.pakjs.com/journals/25\(4\)/25\(4\)7.pdf](http://www.pakjs.com/journals/25(4)/25(4)7.pdf)
4. Cadima, J., Cerdeira, J.O. & Minhoto, M. (2004)
Computational aspects of algorithms for variable selection in the context of principal components,
Computational Statistics & Data Analysis, 47(2), 225-236.
5. Cadima, J. & Jolliffe, I.T. (2001)
Variable selection and the interpretation of principal subspaces,
Journal of Agricultural, Biological and Environmental Statistics, 6(1) p. 62-79.

Memberships

Scientific societies :

- Sociedade Portuguesa de Estatística (SPE)
- Associação Portuguesa de Classificação e Análise de Dados (CLAD)
- Sociedade Portuguesa de Matemática (SPM)
- Organização dos Trabalhadores Científicos (OTC)

