

Lista de Opções:

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MINISTÉRIO DA EDUCAÇÃO E CIÊNCIA

Formulário Relatório Final - Componente Científica

[Componente Científica Lacrada com Sucesso a 04-02-2014]

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1. Identificação do Projecto

Referência do Projecto: PEst-OE/MAT/UI0006/2011**Investigador Responsável:** Maria Antonia Conceição Abrantes Amaral Turkman**Instituição Proponente:** Fundação da Faculdade de Ciências (FFC/FC/UL)**Data de Início:** 01-01-2011 **Data de Fim:** 31-12-2013 **Financiamento Concedido:** €386.058,00

2. Caracterização Sumária do Projecto

Objectivos do Projecto (indicar endereço electrónico do(s) site(s) criado(s), quando aplicável)

This I&D Unit plays a central role in Portugal as a Research Center in Probability, Statistics and its Applications, developing multidisciplinary activities that aim to carry out research in domains as diverse as Health, Life Sciences and Biology, Financial Risk and hazards posed by nature to the Environment. Together with applied research, fundamental research is carried out on several areas: Probability, Stochastic Processes, Extreme Value Theory, Order Statistics, Outliers, Risk Theory, Computational Statistics and Simulation, Resampling Methodologies, Quality Control, Reliability and Design of Experiments, Dynamical Systems and Chaos, Composite Sampling, Meta Analysis, Longitudinal Data Analysis, Principal Component Analysis, Statistics, Time Series, Survival Analysis, Classification Methods, Temporal and Spatial Statistics, Categorical Data Analysis and Missing Data, Environmental Statistics, Statistics in Genomics, Epidemiological Statistics. The activities proposed for 2011-2013 followed as a consequence of the main objective of CEAUL, which is to contribute to the development of new theoretical framework and methodological issues addressed to applications to real problems, making efforts towards the correct use of Statistics in Society and Academics. Hence, during these three years, these objectives were attained through different inter-linked activities, among which we mention the scientific publications both in National and International peer review journals, participation in conferences, peer reviewing, organization of workshops, seminars and advanced courses, supervision of Ph.D. and M.Sc students and the collaboration with researchers in other areas. Other objectives of CEAUL were to maintain the activities previously carried out in order to promote Statistics in Society and Schools. The International Year of Statistics (IYS) was celebrated during 2013. Under this context, CEAUL had as objective the organization of several events. Research was the core of the activity of CEAUL. Members were grouped, according to their research interests, in three main research lines, led by senior researchers who defined the program of activities in order to give coherence to the group. The hot research topic of G1 group was in Extreme Value Theory and the main topics of research in 2011-2013 were on fields of univariate, multivariate, multidimensional and spatial extremes, with special emphasis on their applications to life sciences, environment, risk, insurance, finance, outliers and biometry. Topics in the areas of statistical quality control, design of experiments and forensic statistics were of related interest. The team G2 had a wide range of interests and the research program during these three years involved work on parametric and semi-parametric inference, distribution theory, dynamical systems, sampling, optimal design, and applications in Life Sciences, sample augmentation and meta-analysis issues, History of Statistics and Teaching of Statistics. Team G3 divided their activities during 2011-2013 in methodological and applied research. From a methodological point of view the team worked on a variety of themes reflecting their main motivating topics, namely Bayesian statistics, spatio-temporal models and categorical data analysis. The spectrum of statistical applications was large, particularly in the fields of environmental and health risks, ranging from the modeling and analysis of forest fire data in Portugal to the application of state-space models to estimate the total abundance of certain species of sharks and black scabbard fish, passing through applications to road safety, genetics, epidemiology and health.

Breve descrição das actividades desenvolvidas bem como dos desvios ocorridos durante a execução do projecto

The program of activities relative to the strategic project of CEAUL for 2011-2013 was developed along several lines. A) Research activities B) Dissemination of research C) Organization of events D) Advanced training E) Internationalization F) Multidisciplinary activities G) Services to Community A) Research activities and B) Dissemination of research Research activities were developed within the three research groups, namely • G1: Order Statistics, Extremes and Applications. • G2: Probability, Modelling and Data Analysis. • G3: Statistical Modelling in Environmental and Life Sciences. The main topics of research of G1 were on the fields of univariate, multivariate, multidimensional and spatial extremes, with special emphasis on their applications to life sciences, environment, risk, insurance, finance, outliers and biometry. Topics in the areas of statistical quality control, design of experiments, forensic statistics and chaotic modelling and simulation were also of related interest. Group G2 dedicated to the development of research in the fields of meta analysis and applications in medicine, uniformity issues related to combined p-values and random p-values, data transformations and sample augmentation, structure of population matrices and principal components analysis, history of science, fractal issues in population models and scale analysis using independence of scale and location estimators, among others. Group G3 worked on Bayesian statistics, spatio-temporal models and categorical data analysis. The spectrum of statistical applications was large, particularly in the fields of environmental and health risks, ranging from the modeling and analysis of forest fire data in Portugal to the application of state-space models to estimate the total abundance of certain species of sharks and black scabbard fish, passing through applications to road safety, genetics, epidemiology and health. The research developed by the groups was disseminated through the appropriate channels and they are completely described in sections 4.1.1, 4.1.2, 4.1.3, 4.2.1, 4.2.2, 4.2.3 and 4.3.1, 4.3.2, 4.3.3 of the document CEAUL_2011_2012_2013_REPORT.pdf. C) Organization of events and D) Advanced training CEAUL organized several conferences, workshops, seminars and advanced courses. The complete list is Annex 1 of the document REPORT2011_2013.pdf. Members of the research groups were also responsible for organizing invited thematic sessions in international and national conferences; they also lectured short courses and gave seminars. All these activities are also contemplated in the sections referred to above. E) Internationalization Members of CEAUL were involved in the organization of thematic sessions in international conferences, organized international events, were invited to give seminars and talks at international institutions and conferences. They were also involved in joint research work with international researchers. A more detailed information is given in sections 4.1.4, 4.2.4 and 4.3.4 of the document CEAUL_2011_2012_2013_REPORT.pdf. F) Multidisciplinary activities and G) Services to Community CEAUL also maintained the activities previously carried out in order to promote Statistics in Society and Schools. Towards that, CEAUL kept the existing links with the National Institute of Statistics (INE), Portuguese

Statistical Society (SPE), Portuguese Mathematical Society (SPM), Center of International Mathematics (CIM), Universities and Polytechnics, among other institutions. In particular we refer to the editorial support given by senior members of CEAUL to REVSTAT – Statistical Journal, an International Journal in the area of Probability and Statistics in English, edited by INE; the production of the Portuguese Statistical Glossary and the edition of the SPE newsletter, both as part of the joint activities with SPE. In the teaching of Statistics at non-university level, some collaborators of the center had a prominent role in ALEA project (<http://alea-estp.ine.pt/>, jointly with INE), and their activity was recognized as a landmark in improving the teaching of Statistics at secondary school level. Also, several members were involved in the revision of basic and secondary school books of Mathematics (Probability and Statistics) and in producing documentation for teachers. The International Year of Statistics was celebrated during 2013. CEAUL was one of the participating Institutions in the celebrations. Hence several activities were carried to celebrate the event. Other type of services to community developed within the groups are described in sections 4.1.5, 4.3.5 and 4.3.6 of the document CEAUL_2011_2012_2013_REPORT.pdf

Objetivos atingidos

1. Dissemination of research: Scientific production was far above what was expected and this was one of the main achievements during 2011-2013. CEAUL's members made a special effort in order to publish their work on the mainstream high quality journals in each field and to disseminate their main results in well recognized international meetings. There was also a substantial increase in the participation in international conferences. Research topics set on the general objectives of the different research groups were, in general, all tackled and subjected to publication. 2. Interaction of research: There was a direct evidence of interaction between the theoretical and applied components of the work. Moreover, there has been a considerable effort on theoretical issues reinforced with involvement in applications to real world. During 2011-2013 members of CEAUL actively collaborated with researchers from several research institutions in different fields, resulting in international publications either in periodicals from the area of Statistics or in periodicals from specialized areas in other fields. The motivating problems of collaboration were on diverse areas such as: health, forest fires, ecology, fisheries, chemical production, radioactivity, quality control, insurance, finance, and education. 3. Reinforcement: There has been a new reinforcement in some branches, as for instance: PORT methods in Extreme Values, Internet Auction Markets, History of Probability and Statistics in Portugal in the early XXth century, Teaching of Statistics with Documentation for Teachers in collaboration with INE's Alea Project, Quantification of Regional Risk of Large Wildfire Sizes, Study of the Evolution of the Human Resources of the Faculty of Sciences of Lisbon, Theoretical Issues in Applications with Genome Analysis, Statistical Models to Genetics and Epidemiological Data, Optimal Screening Methods in Gene Profile Classification, Missing Data and Categorical Data Analysis. 4. Projects: Integration of the research teams of international projects, such as (i) the DEEPFISHMAN project, regarding the Black scabbard fish abundance estimate in the Portuguese coastal waters; (ii) the project STRENGTHENING INTERNATIONAL COOPERATION OF THE KLIMATEXT RESEARCH TEAM, an EU Project with structural funds through the Czech ministry of Education; (iii) the FP7 European project PERSILAA on PERSONALISED ICT SUPPORTED SERVICE FOR INDEPENDENT LIVING AND ACTIVE AGEING, which started in October 2013. Other projects were on the data support centre of MalariaGEN - Genomic Epidemiology Network of Malaria; the Spanish Biostatistics Net named BIOSTATNET; the project "Bayesian analysis of stochastic complex systems: methodological aspects and applications" approved in the framework of bilateral agreement FCT(Portugal)/CAPES(Brazil). 5. Software development: Members of the center were involved in software development: the R package bild – a package for Binary Longitudinal Data, developed by Gonçalves, H., Cabral, S. and Azzalini, A.; and the package ACD: Categorical data analysis with complete or missing responses, developed by Paulino CD and collaborators, are already made available to the R community. 6. Internationalization: International recognition on the areas of statistics of extremes, Environmental Statistics, Bayesian Statistics, Time Series and Biostatistics was also a main achievement during the past five years. This recognition is well manifested particularly through (i) publications with international researchers, (ii) invitations to give talks in International Conferences and to organize thematic sessions, (iii) invitations to present seminars in well recognized international institutions, (iii) participation as associated editors of international periodicals. 7. Advanced Training: Besides the natural involvement in the current Ph.D. programs available in the variety of Institutions that CEAUL members belong to, CEAUL organized advanced courses on emerging areas of Statistics for researchers and advanced students from all over the country, as well as courses on more general areas of Statistics, for researchers and Ph.D. students who want to learn more about some specific subject. These courses attracted many researchers all over the country and increased the recognition of CEAUL as a leader of Statistics in the Portuguese scene. 8. Consultancy and Service to Community: Members of group 1 were involved in consultancy activities with the Portuguese Institute of Quality ("Instituto Português da Qualidade") and Auto-Europa, introducing in the industry some of the recent developed robust methods in Statistical Process Control (SPC). They participated at SPMet/RELACRE boards in the areas of Metrology and Competitiveness at Industry, with CIM (Companhia Industrial da Matola, Mozambique), on the application of experimental design techniques and statistical control in the production of cookies. It is also worth mentioning the industry contacts they kept with the company Extrude-SA, on nitriding aluminium, with AMORIM & IRMÃOS S.A., on the development of sampling plans for detection of specific composites at cork's stoppers, and with CES, in pharmaceutical issues. The Coordinator of CEAUL acted as consultant for the project led by the consortium Siemens ?Joint Commission International (JC) towards the development of a National Health Care Evaluation System in Portugal (SINAS – Sistema Nacional de Avaliação em Saúde), in response to a challenge set by the Portuguese Health Regulatory Authority. Ana Luisa Papoila gave consultancy support to the Research Unit of Centro Hospitalar de Lisboa Central (CHLC) as co-head of the Epidemiology and Statistics Consulting Core. Also CEAUL under the protocol of cooperation with EXIGO consultores, members of CEAUL, were involved in a research project aimed to assess the financing system of the public hospitals belonging to the Portuguese National Health Service. The report of this project was used by the Portuguese Court of Auditors in its final report audit. 9. Outreached activities: Important for the scientific community in general was the release of the new version of English-Portuguese Statistical Glossary through the sites of Portuguese Statistical Society and Brazilian Statistical Association (<http://glossario.spestatistica.pt/>) and Glossário de Termos Estatísticos (Alemão-Português-Alemão, Francês-Português-Francês, Inglês-Português-Inglês), edited by the Instituto Nacional de Estatística Also REVSTAT – Statistical Journal (<http://www.ine.pt/revstat/inicio.html>), whose editor is Ivette Gomes and co-editor Antónia Turkman, gained international recognition by being included in SCOPUS and ISI web of knowledge. Lucília Carvalho was the Leader of the Working Group of the National Statistical Institute (INE) on Labor Force Survey – Implementation of Computer Assisted Telephone Interviewing /CATI.

(vazio)

Realização Financeira (justificação sumária dos desvios ocorridos durante a execução do projecto)

Human Resources: 0,00 Missions: 5.451,87 Consultants: 4.889,50 Acquisition of goods and services: -2.959,52 Equipment: -7.327,39 TOTAL: 54,46 The unused balance of 5.451,87 Euros, observed in missions, was due to the fact that the per diem paid in 2012 to researchers who were retired were not accepted by FCT and the money was not allocated afterwards for missions in 2013. The unused balance of 4.889,50 Euros in consultants was due to the fact that two researchers who were supposed to come to CEAUL to give a seminar and work with researchers of group 3 during November and December, namely Andreia Riebler and Dolores Ugarte, decided to postpone the visit to 2014. The negative balance of -2.959,52 observed in Acquisition of goods and services was due to the investment of CEAUL in the realization of events under the ambit of the International Year of Statistics and some computer repairs. The negative balance of -7.327,39 in equipment was due to substitution of several old computers which broke down and could not be repaired.

3. Instituições que Participam no Projecto

Designação	Nº Pessoas Mês	Desistiu
Fundação da Faculdade de Ciências (FFC/FC/UL)	60	

4. Equipa de Investigação

Nome	Cargo Função	Tarefas	%Tempo	Dt. Entrada	Dt. Saída	Desistiu
Maria Antonia Conceição Abrantes Amaral Turkman	Inv. Responsável		55%			
João Paulo Oliveira Martins	Investigador		40%			
Miguel de Carvalho	Investigador		10%			
Ivone Maria Ribeiro Figueiredo da Silva Rosa	Investigador		5%			
Sandra Cristina de Faria Ramos	Investigador		70%			
Nuno Henriques dos Santos de Sepúlveda	Investigador		50%			
Emiliano Barreto_Hernandez	Investigador		100%			
Maria Manuela Costa Neves Figueiredo	Investigador		40%			
Patricia Cortes Zea Bermudez	Investigador		50%			
MARIA IVETTE LEAL DE CARVALHO GOMES	Investigador		60%			
Baltazar Emanuel Guerreiro Nunes Bravo Nunes	Investigador		10%			
Maria da Conceição Rodrigues Ribeiro	Investigador		40%			
José Leonel Linhares da Rocha	Investigador		40%			
Luzia Augusta Pires Gonçalves	Investigador		40%			
Manuel González Scotto	Investigador		20%			
Maria Lucília Salema e Carvalho	Investigador		35%			
Helena Maria Simões Ferreira	Investigador		10%			
MARIA ISABEL FRAGA ALVES	Investigador		50%			
Maria Cristina Souto Miranda	Investigador		30%			
Ana Maria Santos Ferreira Gorjão Henriques	Investigador		60%			
Cláudia Margarida Pedrosa Neves	Investigador		40%			
Luísa da Conceição dos Santos do Canto e Castro de Loura	Investigador		30%			
Fernanda Otilia de Sousa Figueiredo	Investigador		40%			
Lisete Maria Ribeiro de Sousa	Investigador		50%			
Hugo Filipe Valente dos Santos Pereira	Investigador		40%			
Paulo José Araújo dos Santos	Investigador		50%			
Lígia Carla Pinto Henriques Jorge Rodrigues	Investigador		40%			
Otilia Maria da Conceição Dias	Investigador		5%			
Ana Luisa Trigo da Papoila da Silva	Investigador		30%			
Maria da Graça Santos Temido Neves Mendes	Investigador		10%			
Cláudia Susana Pereira dos Santos	Investigador		40%			
Osvaldo Dias Lopes da Silva	Investigador		40%			
Áurea Sandra Toledo de Sousa	Investigador		30%			
Giovani Loiola da Silva	Investigador		40%			
Kamil Feridun Turkman	Investigador		55%			
Björn Jochen Vandewalle	Investigador		25%			
Dinis Duarte Ferreira Pestana	Investigador		60%			
Paulo José de Jesus Soares	Investigador		40%			
Maria Madalena de Freitas Malva	Investigador		40%			
Fernando José Malheiro de Magalhães	Investigador		20%			
Fernando Manuel Fialho Rosado	Investigador		60%			
Helena Maria Iglésias Pereira	Investigador		40%			
Maria Helena Bacelar Valente da Costa Nicolau	Investigador		40%			
Maria Fernanda Adão dos Santos Fernandes de Oliveira	Investigador		15%			
Marília Cristina de Sousa Antunes	Investigador		50%			
Maria de Fátima Almeida Brilhante	Investigador		30%			
Maria Salomé Esteves Cabral	Investigador		40%			
Rui Filipe Vargas de Sousa Santos	Investigador		40%			

Cristina Maria Tristão Simões Rocha	Investigador	40%			
Maria Fernanda Nunes Diamantino	Investigador	30%			
Natércia Felgueiras Seabra Durão	Investigador	5%			
Teresa Paula Costa Azinheira Oliveira	Investigador	40%			
Margarida Maria Teixeira Diniz Mendes Leal	Investigador	15%			
Isabel Cristina Maciel Natário	Investigador	40%			
Sandra Maria Freitas Mendonça	Investigador	40%			
Lúisa Maria Jota Pereira Amaral	Investigador	10%			
Maria Helena Neves de Queirós Gonçalves	Investigador	40%			
Jorge Filipe Campinos Landerset Cadima	Investigador	40%			
ANA MARIA PORTELA NUNES DE SOUSA FERREIRA	Investigador	40%			
Ana Paula André Martins	Investigador	5%			
Susana Maria Gouveia Rosado Ganhão	Investigador	40%			
Júlia Maria Vitorino Teles	Investigador	10%			
fernando jose araujo correia da ponte sequeira	Investigador	40%			
Carlos Daniel Mimoso Paulino	Investigador	50%			
Carina Soares da Silva Fortes	Investigador	40%			
Silvio Filipe Velosa	Investigador	30%			
Miguel Luís Simões Marques dos Santos	Investigador	25%			
Isabel Maria Tudela Reimão Pinto de França Doria	Investigador	40%			
Rita Maria César e Sá Fernandes de Vasconcelos	Investigador	25%			
Ricardo Augusto Domingues Gomes de Sá e Sousa	Investigador	25%			
Maria Eugénia Santos Lino Pires Graça Martins	Investigador	60%			
Jorge Morais Mendes	Investigador	50%			
Regina Maria Baltazar Bispo	Investigador	40%			
Maria João Fernandes Pereira Polidoro	Investigador	40%			
Délia Canha Gouveia	Investigador	40%			
Miguel Martins Felgueiras	Investigador	40%			
Leonel da Silva Vicente	Investigador	70%			
Valeska Andreozzi	Investigador	100%			
Sílvia Maria Dias Pedro Rebouças	Investigador	100%			
Laurentius Franciscus Maria de Haan	Investigador	70%			
Maria Manuela Caria Figueira de Sá Neves	Investigador	20%			
Cristiana Maria Palmela Pereira	Investigador	40%			
Paula Cristina Martins dos Reis	Investigador	50%			
Sandra Maria da Silva Figueiredo Aleixo	Investigador	40%			
Paulo Abel de Almeida João	Investigador	20%			
Anabela de Fátima Domingues Cardoso Marques	Investigador	30%			
José Maria de Sousa Cruz	Investigador	30%			
Paulo José Figueira Semblano	Investigador	30%			
Amílcar Manuel do Rosário Oliveira	Investigador	40%			
Vítor Manuel Fernandes Valente	Investigador	20%			
LUÍS MIGUEL DOS SANTOS REIS SOARES DE ALMEIDA	Investigador	30%			
Rui Manuel da Costa Martins	Investigador	20%			
Vanda Calhau Fernandes Inácio	Investigador	100%			
Manuel António Lourenço dos Reis	Investigador	30%			
Cecília Margarita Rendeiro do Carmo	Investigador	40%			
Ricardo Miguel Vieira de São João	Investigador	40%			
Carlos José Brás Geraldes	Investigador	40%			
Carlos Manuel Cravo Ventura	Investigador	40%			
Susana Maciel Pires	Investigador	30%			

Emília da Conceição Mendes de Oliveira	Investigador	15%			
Paula Cristina Sequeira Pereira	Investigador	70%			
Pedro Duarte Leal Gomes Pestana	Investigador	20%			
Marta Maria Dos Santos Castel-Branco	Investigador	40%			
Pal Rakonczai	Investigador	100%			
Bruno da Silva Marques	Investigador	20%			
Sérgio Luís Ganhão Vicente	Investigador	10%			
André Simões Sintra	Investigador	10%			
Ana da Costa Freitas	Investigador	100%			
António Alberto Oliveira	Investigador	20%			
Clara Maria Henrique Cordeiro	Investigador	40%			
Ana Sofia Monteiro de Araújo Soares	Investigador	40%			
Tiago André Lamas Oliveira Marques	Investigador	25%		24-06-2013	Sim

5. Indicadores de Realização Física

Indicadores	Quantidade realizada
A - Publicações	
Livros	93
Artigos em revistas internacionais	165
Artigos em revistas nacionais	25
B - Comunicações	
Comunicações em encontros científicos internacionais	358
Comunicações em encontros científicos nacionais	156
C - Relatórios	72
D - Organização de seminários e conferências	81
E - Formação avançada	
Teses de Doutoramento	16
Teses de Mestrado	50
Outras	12
F - Modelos	0
G - Aplicações computacionais	4
H - Instalações piloto	0
I - Protótipos laboratoriais	0
J - Patentes	0
L - Outros	

6. Publicações

Ano Publicações

2011 Aleixo, S., Rocha, J.L., and Pestana, D. (2011). "Beta(p,q)-Cantor Sets: Determinism and Randomness". In C. H. Skiadas, I. Dimotikalís and C. Skiadas (Eds.), Chaos Theory: Modeling, Simulation and Applications, World Scientific Books, 333-340

2011 Aleixo, S., Rocha, J.L., and Pestana, D.

2011 Caneco, A., C. Grácio and J.L. Rocha (2011). "Symbolic Dynamics and Synchronization", In Chaos Theory: Modeling, Simulation and Applications, Skiadas, C. H., Dimotikalís, Y. and Skiadas, C. (Eds), World Scientific Publishing Co, 135-142

2011 Caneco, A., S. Fernandes, C. Grácio and J. L. Rocha (2011). "Networks Synchronizability, Local Dynamics and Some Graph Invariants, In Dynamics, Games and Science". In I, Peixoto, M. M.,

URL

[http://books.google.pt/books?id=uM6lzyGPjMMC&pg=PA333&lpg=PA333&dq=Beta\(p,q\)-Cantor Sets: Determinism and Randomness&source=bl&ots=9HSsUCmYZV&sig=LcQ2qLc6h5PeUUrSEivCRMIOu-A&hl=pt-PT&sa=X&ei=M6gGUZ2xLpOyhAe7nYGOBg&sqi=2&ved=0CFEQ6AFwAw#v=onepage&q=Beta\(p%2Cq\)-Cantor%20Sets%3A%20Determinism%20and%20Randomness&f=false](http://books.google.pt/books?id=uM6lzyGPjMMC&pg=PA333&lpg=PA333&dq=Beta(p,q)-Cantor+Sets:+Determinism+and+Randomness&source=bl&ots=9HSsUCmYZV&sig=LcQ2qLc6h5PeUUrSEivCRMIOu-A&hl=pt-PT&sa=X&ei=M6gGUZ2xLpOyhAe7nYGOBg&sqi=2&ved=0CFEQ6AFwAw#v=onepage&q=Beta(p%2Cq)-Cantor%20Sets%3A%20Determinism%20and%20Randomness&f=false)

http://link.springer.com/chapter/10.1007%2F978-3-642-14788-3_5?l=true

<http://dSPACE.uevora.pt/rdpc/bitstream/10174/4540/1/Symbolic%20Dynamics%20and%20Chatic%20Synchronization.pdf>

<http://dSPACE.uevora.pt/rdpc/handle/10174/5994>

- Pinto, A. A. and Rand, D. A. (Eds): Springer Proceedings in Mathematics 1, Springer-Verlag Berlin Heidelberg, 2011, Vol. 1, Chap. 14, 221-238.
- 2011 Felisberto, F.; Felgueiras, M.; Domingues, P.; Fdez-Riverola, F.; Pereira, A. (2011). "Improving the Elder Care's Wireless Sensor Network Fall Detect on System Using Logistic Regression". Communications in Computer and Information Science, Vol. 221. ENTERprise Information Systems, Part III, 317-326. Springer, Berlin http://link.springer.com/chapter/10.1007%2F978-3-642-24352-3_34
- 2011 Felisberto, F.; Felgueiras, M.; Seco, A.; Fdez-Riverola, F.; Pereira, A. (2011). "Application of Statistical Methods to Improve an Acceleration Based Algorithm". Communications in Computer and Information Science, Vol. 221. ENTERprise Information Systems, Part III, 327-336. Springer, Berlin http://link.springer.com/chapter/10.1007/978-3-642-24352-3_35
- 2011 Fraga Alves, M.I. and C. Neves (2011). "Extreme Value Distributions". In Lovric, M. (ed.), International Encyclopedia of Statistical Science, 493-496, Springer-Verlag http://www.springerreference.com/docs/html/chapter_dbid/205330.html
- 2011 Gomes, M.I. (2011). "Statistical Process Control". In Lovric, M. (ed.), International Encyclopedia of Statistical Science, Springer-Verlag, Part 19, 1 459-1463. http://link.springer.com/referenceworkentry/10.1007/978-3-642-04898-2_551#
- 2011 Gomes, M.I. (2011). "Acceptance Sampling". In Lovric, M. (ed.), International Encyclopedia of Statistical Science, Springer-Verlag, Part 1, 5-7 http://www.springerreference.com/docs/html/chapter_dbid/205189.html
- 2011 Marques, T.A., Buckland, S.T., Borchers, D.L., Rexstad, E. and Thomas, L. (2011), "Distance Sampling", In Lovric, M. (ed.), International Encyclopedia of Statistical Science, Springer-Verlag, 398-400 http://www.springerreference.com/docs/html/chapter_dbid/205298.html
- 2011 Pereira, C. (2011). "Commingled Assemblage from Earthquake 1755 of Lisbon: Forensic Anthropology Study". In Forensic Science. Hauppauge, Nova Publishers, New York, 2011 <http://www.worldcat.org/title/forensic-science/oclc/721900221>
- 2011 Pestana, D. (2011). "Combining p-values". In Lovric, M. (ed.), International Encyclopedia of Statistical Science, Springer-Verlag, Part 1, 1145-1147 http://www.springerreference.com/docs/html/chapter_dbid/205727.html
- 2011 Pestana, D., Aleixo, S., and Rocha, J. L., (2011). "Regular variation, paretian distributions, and the interplay of light and heavy tails in the fractality of asymptotic models". In C. H. Skiadas, I. Dimotikalis and C. Skiadas (Eds.), Chaos Theory: Modeling, Simulation and Applications, World Scientific Books, 309-316 http://www.worldscientific.com/doi/abs/10.1142/9789814350341_0036
- 2011 Seco, A., Felgueiras, M., Fdez-Riverola, F., Pereira, A. (2011). "Elder Care Alert Management – Decision Support by a Logistic Regression Model". Advances in Intelligent and Soft Computing Vol. 90. Trends in Practical Applications of Agents and Multiagent Systems, 9-16. Springer, Berlin http://link.springer.com/chapter/10.1007%2F978-3-642-19931-8_2
- 2011 Sepúlveda, N. and Carneiro, J. (2011). "Dynamics of peripheral regulatory and effector T cells competing for antigen presenting cells". In Mathematica I Models and Immune Cell Biology (C. Molina-Paris and G. Lythe, eds.), p. 275-304, Springer Verlag, London. http://link.springer.com/chapter/10.1007%2F978-1-4419-7725-0_14?LI=true
- 2011 Amaral Turkman, M.A. (2011). Book Review: "Introduction To Time Series Modeling", by Genshiro Kitagawa (ed), published by Chapman and Hall/CRC, 2010. Total number of pages 289. ISBN: 978-1-58488-921-2. J. Time Ser. Anal., 32, 33 <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9892.2010.00692.x/abstract>
- 2011 Amaral-Turkman, M.A., Turkman, K.F., Le Page, Y. and Pereira, J.M. (2011). "Hierarchical space-time models for fire ignition and percentage of land burned by wildfires". Environmental and Ecological Statistics, Volume 18, Issue 4, Page 601-617. <http://link.springer.com/article/10.1007%2Fs10651-010-0153-9?LI=true>
- 2011 Barreto-Hernandez, E., Gama-Carvalho, M. and Sousa, L. (2011). "Pre-processing Optimization of RNA Immunoprecipitation Microarray Data". Journal of Computational Biology, 18(10): 1319-1328.(DOI: 10.1089/cmb.2010.0020) <http://www.ncbi.nlm.nih.gov/pubmed/21777085>
- 2011 Bernardino, J., Bispo, R., Torres, P., Mascarenhas, M. Costa, H. M., and Rebelo, R. (2011). "Enhancing of carcass removal trials at three wind energy facilities in Portugal". Wildlife Biology in Practice 7(2), p. 2781-2791. <http://socpys.org/journals/index.php/wbp/article/view/10.2461-wbp.2011.7.11>
- 2011 Bispo, R., Marques, T.A., and Pestana, D. (2011). "Statistical power of goodness-of-fit tests based on the empirical distribution function for Type I right censored data". J. Statist. Computing Simul. <http://dx.doi.org/10.1080/00949655.2011.624519>
- 2011 Borges-Costa J., Silva R., Gonçalves L., Filipe P., Soares de Almeida L., Marques Gomes M. (2011). "Clinical and laboratory features in acute generalized pustular psoriasis: a retrospective study of 34 patients", Am. J. Clin. Dermatol. 12(4):271-6. <http://link.springer.com/article/10.2165/11586900-000000000-00000?no-access=true>
- 2011 Brilhante, M.F., Gomes, M.I. and D. Pestana (2011). "BetaBoop brings in chaos". Chaotic Modelling and Simulation" (CMSIM) 1, 39-50 http://www.cmsim.eu/journal_issues.html
- 2011 Bruno-Soares, A.M., Matos, T.J.S. and Cadima, J. (2011). "Nutritive value of Cistus salvifolius shrubs for small ruminants", Animal Feed Science and Technology, 165, p. 167-175 <https://www.repository.utl.pt/handle/10400.5/4275>
- 2011 Cairo, F. and M.I. Gomes (2011). "Semi-parametric tail inference through Probability-Weighted Moments". J. Statistical Planning and Inference 141:2, 937-950 <http://www.sciencedirect.com/science/article/pii/S0378375810004106>
- 2011 Cairo, F. and M.I. Gomes (2011). "Asymptotic comparison at optimal levels of reduced-bias extreme value index estimators". <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9574.2011.00495.x/abstract>

- Statistical Neerlandica 65 :4, 462-488.
- 2011 Cai, J., Einmahl, J. and L. de Haan (2011). "Estimation of extreme risk regions under multivariate regular variation". *Annals of Statistics* 39, 1803-1 826 <http://projecteuclid.org/DPubS?verb=Display&version=1.0&service=UI&handle=euclid.aos/1311600284&page=record>
- 2011 Canto e Castro, L. and S. Dias (2011). "Generalized Pickands' estimators for the tail index parameter and max-semistability". *Extremes* 14:4, 429-449. <http://link.springer.com/article/10.1007%2Fs10687-010-0123-5>
- 2011 Ceia, R. S.; Ramos, J. A.; Heleno, R. H.; Hilton, G. M. and Marques, T. A. (2011) "Status assessment of the Critically Endangered Azores Bullfinch *Pyrrhula murina*". *Bird Conservation International*. 21: 477-489 <http://journals.cambridge.org/action/displayAbstract?jsessionid=A78EF09BBAD43E3B9D54469C42CADAA&fromPage=online&aid=8428307>
- 2011 Faria, N., Kim, J., Gonçalves, L., Martins, M.L., Chan, K., Campbell, B. (2011). "Enhanced activity of antifungal drugs using natural phenolics against yeast strains of *Candida* and *Cryptococcus*". *Letters in Applied Microbiology*, 52(5):506-13. http://pubget.com/paper/21332761/Enhanced_activity_of_antifungal_drugs_using_natural_phenolics_against_yeast_strains_of_Candida_and_Cryptococcus
- 2011 Felix J, Andreozzi V, Soares M, Borrego P, Gervásio H, Moreira A, Costa L, Marcelo F, Peralta F, Furtado I, Pina F, Albuquerque C, Santos A, Passos-Coelho JL for the Portuguese Group for the Study of Bone Metastases (2011). "Hospital resource utilization and treatment cost of skeletal-related events in patients with metastatic breast or prostate cancer: An estimation for the Portuguese National Health System". *Value in Health* Volume 14 Issue 4, 4 99-505 <http://www.sciencedirect.com/science/article/pii/S1098301510000847>
- 2011 Fortes, A.M., Agudelo-Romero, P., Silva, M.S., Ali, K., Sousa, L., Maltese, F., Choi, Y.H., Grimlet, J., Martínez-Zapater, J.M., Verpoorte, R. and Paiva, M.S. (2011). "Transcript and metabolite analysis in Trincadeira cultivar reveals novel information regarding the dynamics of grape ripening". *BMC Plant Biology*. 11:149 <http://www.biomedcentral.com/1471-2229/11/149>
- 2011 Gomes, M.I., Henriques-Rodrigues, L. and C. Miranda (2011). "Reduced-Bias Location-Invariant Extreme Value Index Estimation: a Simulation Study". *Communications in Statistics, Simulation and Computation* 40:3, 424-447 <http://www.tandfonline.com/doi/full/10.1080/03610918.2010.543297>
- 2011 Gomes, M.I., Mendonça, S. and D. Pestana (2011). "Reduced-bias tail index and VaR estimation via the bootstrap methodology". *Communications in Statistics, Theory and Methods* 40:16, 2946-2968 <http://www.tandfonline.com/doi/full/10.1080/03610926.2011.562782#.Ut0BW7Sp2Uk>
- 2011 Gomes, M.I. and M.M. Neves (2011). "Estimation of the extreme value index for randomly censored data". *Biometrical Letters* 48:1, 1-22 <http://www.au.poznan.pl/bl/index.php?p=abstract&a=2011.48.1.1>
- 2011 Gomes, M.I., Pestana, D.D. and P. Pestana (2011). "Sir Pinsky rides again". *CMSIM* 1, 77-90 http://www.cmsim.eu/papers_pdf/8CMSIM_2011_Gomes_et_al_1_77-90.pdf
- 2011 de Haan, L. and C. Zhou (2011). "Extreme residual dependence for random vectors and processes". *Advances in Applied Probability* 43, 217-242. <http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.aap/1300198520>
- 2011 Henriques-Rodrigues, L., Gomes, M.I. and D. Pestana (2011). "Statistics of Extremes in Athletics". *Revstat* 9:2, 127-153 <http://www.ine.pt/revstat/pdf/rs110202.pdf>
- 2011 Inácio, V., Amaral Turkman, A.A., Nakas, C.T., Alonzo, T.A. (2011). "Nonparametric Bayesian estimation of the three-way receiver operating characteristic surface". *Biometrical Journal*, 53, 1011-1024. http://onlinelibrary.wiley.com/doi/10.1002/bimj.201100070/abstract?jsessionid=B5BA7484507AB13EAA99B2F50E7C813E_d03t04?deniedAccessCustomisedMessage=&urlAuthenticated=false
- 2011 Kusel, E., Mellinger, D. K., Thomas, L., Marques, T.A., Moretti, D. and Ward, J. (2011). "Cetacean population density estimation from single fixed sensors using passive acoustics". *The Journal of the Acoustical Society of America*. 129: 3610-3622 <http://www.ncbi.nlm.nih.gov/pubmed/21682386>
- 2011 Marques, T.A.; Munger, L.; Thomas, L.; Wiggins, S. and Hildebrand, J.A. (2011). "Estimating North Pacific right whale (*Eubalaena japonica*) density using passive acoustic cue counting". *Endangered Species Research*. 13: 163-172 <http://www.int-res.com/abstracts/esr/v13/n3/p163-172/>
- 2011 Marques, T.A., Thomas, L. and J. A. Royle (2011). "A hierarchical model for spatial capture-recapture data: Comment". *Ecology*. 92: 526-528 <http://www.esajournals.org/doi/abs/10.1890/10-1440.1>
- 2011 Neves, C., Gomes, M.I. and M.I. Fraga Alves (2011). "Extreme Nitrating limits in aluminum extrusion". *International Journal of Mathematical Modelling and Numerical Optimisation (IJMMNO)* 2:3, 342-355. http://www.inderscience.com/info/inarticle.php?art_id=40796
- 2011 Neves M. and Cordeiro, C. (2011). "Computational intensive methods for prediction and imputation in time series analysis". *Discussiones Mathematicae. Probability and Statistics*, 121-139. <http://connection.ebscohost.com/c/articles/74734392/computational-intensive-methods-prediction-imputation-time-series-analysis>
- 2011 Neves, M. and D. Prata Gomes (2011). "Geostatistics for spatial extremes: A case study of maximum annual rainfall in Portugal". *Procedia Environmental Sciences, Spatial Statistics 2011*, Elsevier, Vol. 7, 2011, 246-251. http://ac.els-cdn.com/S1878029611001708/1-s2.0-S1878029611001708-main.pdf?_tid=fede23e0-6a0c-11e2-8c-ba-00000aacb35d&acdnat=1359461662_8e0a2c65e840eb1e5d1bcd35820f623
- 2011 Nunes B., Viboud C., Machado A., Ringholz C., Rebelo-de-Andrade H., et al. (2011). "Excess Mortality Associated with Influenza Epidemics in Portugal, 1980 to 2004". *PLoS ONE* 6(6): e20661. <http://www.ncbi.nlm.nih.gov/pubmed/21713040>
- 2011 Nunes-Cabaço, H., Caramalho, I., Sepúlveda, N. and Sousa, A. E. (2011). "Differentiation of human thymic regulatory T cells at the double positive stage". *European Journal of Immunology* 41, 3604-3614 <http://www.ncbi.nlm.nih.gov/pubmed/21932449>
- 2011 Oliveira, T.A. and Valente, V. (2011). "Application of HLM to data with multilevel structure". *Discussiones Mathematicae Probability* <http://www.discuss.wmie.uz.zgora.pl/php/discuss3.p.hp?>

- and Statistics 31 , 87–101, doi:10.7151/dmps.1131.
- 2011 Papoila, A.L. and Rocha, C. (2011). "Modelling current status data using Generalized Additive Models with flexible link: the additive gamma-logit mode l". International Journal of Applied Mathematics and Statistics, Volume 24, 2-19, Number SI-11A <http://www.ceser.in/ceserp/index.php/ijamas/article/view/1086>
- 2011 Pinto, A. E., Pires, A., Silva, G. L., Bicho, C., André, S. and Soares, J. (2011). "Ploidy and S-phase fraction as predictive markers of response to radiotherapy in cervical cancer". Pathology Research and Practice 207, 623-627 <http://www.ncbi.nlm.nih.gov/pubmed/21940107>
- 2011 Poleto F., Molenberghs G., Paulino C.D., and Singer J. (2011). "Sensitivity analysis for incomplete continuous data". Test 20, 3, 589-606 <http://link.springer.com/article/10.1007%2Fs11749-010-0219-x#page-1>
- 2011 Poleto F., Paulino C.D., Molenberghs G. and Singer J. (2011). "Inferential implications of over-parameterization: a case study in incomplete categorical data". International Statistical Review 79, 1, 92-113 <http://onlinelibrary.wiley.com/doi/10.1111/j.1751-5823.2011.00130.x/pdf>
- 2011 Poleto F., Singer J. and Paulino C.D. (2011). "Comparing diagnostic tests with missing data". J. Applied Statistics 38, 6, 1207-1222. <http://www.tandfonline.com/doi/pdf/10.1080/02664763.2010.491860>
- 2011 Poleto F., Singer J. and Paulino C.D. (2011). "Missing data mechanisms and their implications on the analysis of categorical data". Statistics and Computing 21, 31-43 http://download.springer.com/static/pdf/517/art%253A10.1007%252Fs11222-009-9143-x.pdf?auth66=1360758180_238d5bf8fcd5d2b4459b8271eba012a&ext=.pdf
- 2011 Roçadas, C., Oliveira, T.A. and Mexia, J.T. (2011). "Statistical modelling: application to the financial sector". Discussiones Mathematicae Probability and Statistics 31, 103–119, doi:10.7151/dmps.1132 <http://www.discuss.wmie.uz.zgora.pl/php/discuss3.p.php?ip=&url=plik&nIdA=23662&sTyp=HTML&nIdSesji=-1>
- 2011 Sampaio, P.N., Sousa, L., Calado, C.R.C., Pais, M.S. and Fonseca, L.P. (2011). "Application of chemometrics for selection the *Saccharomyces cerevisiae* expression system and culture medium composition for heterologous cyprosin B production". Biotechnology Letters 33: 2111-2119 <http://www.ncbi.nlm.nih.gov/pubmed/21720845>
- 2011 Turkman, K.F. (2011). Discussion to Lindgren, F., Rue, H. and J. Lindstrom "An explicit link between Gaussian fields and gaussian random fields: the stochastic partial differential equation approach". JRSS Series B, 73, 423-498 <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9868.2011.00777.x/pdf>
- 2011 Ward, J., Jarvis, S., Moretti, D., Morrissey, R., Dimarzio, N., Thomas, L. and Marques, T. A. (2011). "Beaked whale (*Mesoplodon densirostris*) passive acoustic detection with increasing ambient noise". The Journal of the Acoustical Society of America. 129: 662-669 <http://www.ncbi.nlm.nih.gov/pubmed/21361425>
- 2011 Branco, F., Oliveira, T.A., Oliveira, A. and C.E. Minder (2011). "The effect of nonnormality on the power of randomization tests: a simulation study using normal mixtures". In Simos, T. et al. (eds.) AIP Conference Proceedings, Vol. 1389 (ICNAAM 2011), 1463-1466 <http://scitation.aip.org/docserver/fulltext/aip/proceeding/aipcp/flat/10.1063/1.3637900/1.3637900.pdf?expires=1390299827&id=id&accname=371172&checksum=FEFB05D107039D47BB1A6E7ADF9CEE83>
- 2011 Brilhante, M. F., Gomes, M. I., and Pestana, D. (2011). "BetaBoop Brings in Chaos". In Skiadas, C. et al. (eds.), Proceedings of the Chaos 2011 — 4th Chaotic Modeling and Simulation International Conference http://www.cmsim.org/images/Proceedings_CHAOS_2011_A_B.pdf_p.45-52
- 2011 Cairo, F. and M.I. Gomes (2011). "Asymptotic distribution of an extreme value index estimator based on the scaled log-spacings". In Simos, T. et al. (eds.) AIP Conference Proceedings, Vol. 1389 (ICNAAM 2011), 1467-1471 <http://scitation.aip.org/docserver/fulltext/aip/proceeding/aipcp/flat/10.1063/1.3637901/1.3637901.pdf?expires=1390300575&id=id&accname=371172&checksum=FEF8EB60B75819409368D3AD1A1FA582>
- 2011 Oliveira, T.A., Branco, F., Oliveira, A. and C.E. Minder (2011). "The impact of outliers on the power of the randomization test for two independent groups". In Simos, T. et al. (eds.) AIP Conference Proceedings, Vol. 1389 (ICNAAM 2011), 1545-1548 <http://scitation.aip.org/docserver/fulltext/aip/proceeding/aipcp/flat/10.1063/1.3637923/1.3637923.pdf?expires=1390300864&id=id&accname=371172&checksum=EBA346B65BB188FCB849FE5DAC0B879C>
- 2011 Oliveira, T.A., Branco, F., Oliveira, A. and C.E. Minder (2011). "The effect of non-normality on the power of randomization tests: A simulation study using normal mixtures". In Simos, T. et al. (eds.) AIP Conference Proceedings, Vol. 1389 (ICNAAM 2011), 1463-1466 <http://scitation.aip.org/docserver/fulltext/aip/proceeding/aipcp/flat/10.1063/1.3637900/1.3637900.pdf?expires=1390300888&id=id&accname=371172&checksum=51840D08A41D57D048092DD92A2F9C84>
- 2011 Oliveira, T.A. (2011). "Symposium: Statistical modeling and data analysis" In Simos, T. et al. (eds.) AIP Conference Proceedings, Vol. 1389 (ICNAAM 2011), 1545-1548 In Simos, T. et al. (eds.) AIP Conference Proceedings, Vol. 1389 (ICNAAM 2011), 1544. <http://scitation.aip.org/docserver/fulltext/aip/proceeding/aipcp/flat/10.1063/1.3637922/1.3637922.pdf?expires=1390306277&id=id&accname=371172&checksum=3CBFD09BAFE2BDC6FD14DFE96CE393E2B>
- 2011 Pestana, D., and D., Aleixo, S. (2011). "Stuttering Cantor-Like Random Sets". In Luzar-Stiffler, V., Jarec, I. and Bekic, Z. (eds.), Proceedings of the ITI 2011, 33rd International Conference on Information Technology Interfaces, 29-34. <http://ieeexplore.ieee.org/search/searchresult.jsp?refinements%3D4281269488%26queryText%3DInformationTechnologyInterfaces.LB.ITI.RB.%2C201133rdInternationalConferenceon&refinements=4280712410&pageNumber=1&resultAction=REFINE>
- 2011 Pestana, P. (2011). "Lindenmayer systems and the harmony of fractals", Proceedings of the Chaos 2011 — 4th Chaotic Modeling and Simulation International Conference http://www.cmsim.org/images/Proceedings_CHAOS_2011_P.pdf_p.419-426
- 2011 Prata-Gomes, D. and M. Neves (2011). "Resampling methodologies and the estimation of parameters of rare events". In Simos, T. et al. (eds.) AIP Conference Proceedings, Vol. 1389 (ICNAAM 2011), 1475-1478 <http://scitation.aip.org/docserver/fulltext/aip/proceeding/aipcp/flat/10.1063/1.3637903/1.3637903.pdf?expires=1390301034&id=id&accname=371172&checksum=D55D98577994617B872E28FF9EBD0474>
- 2011 Santos, R. (2011). "Simulation Analysis of Statistical Properties of Random Polygon Lines Iteratively Generate on the Plane", Proceedings of the ITI 2011, 33rd International Conference on <http://ieeexplore.ieee.org/search/searchresult.jsp?refinements%3D4281269488%26queryText%3DInformationTechnologyInterfaces.LB.ITI.RB.%2C201133rdInternationalConferenceon&refinements=4280712410&>

- Information Technology Interfaces, pp. 557-562
- 2011 Valente, V. and T.A. Oliveira (2011). "Hierarchical linear models: Review and applications". In Simos, T. et al. (eds.) AIP Conference Proceedings, Vo I. 1389 (ICNAAM 2011), 1549-1552 <http://scitation.aip.org/docserver/fulltext/aip/proceeding/aipconf/flat/10.1063/1.3637924/1.3637924.pdf?expires=1390301176&id=id&accname=371172&checksum=AADC94E17B6A74E57696A14D71EB87EA>
- 2011 Brilhante, M.F., Pestana, D.D., Rocha, J., Rocha, M.L., Velosa, S. (2011). "Inferência Estatística Sobre a Localização Usando a Escala", XVIII 289 p., Instituto Nacional de Estatística, Lisboa <http://winlib.ine.pt/winlib/cgi/winlib.exe?skkey=&pesq=2&doc=30484>
- 2011 Cabral, M.S., Gonçalves, M.H. (2011). "Análise de Dados Longitudinais". Sociedade Portuguesa de Estatística. (ISBN: 978-972-8890-24-7) http://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_publicacoes&PUBLICACOESpub_boui=126369330&PUBLICACOESmodo=2
- 2011 Cabral, M. S. (2011). "Capítulo 4?Ensaio Clínico". In Gilda Cunha, Margarida Eiras e Nuno Teixeira (coord.): Bioestatística e Qualidade na Saúde. Li del, Lisboa, pp. 95-145. <http://www.bertrand.pt/ficha/bioestatistica-e-qualidade-na-saude?id=11687583>
- 2011 Pereira, C. and Telles Antunes, M. (2011). "Vítimas do terramoto de 1755 no Convento de Jesus (Academia das Ciências de Lisboa) e seu significado". In Memórias da Academia das Ciências de Lisboa, Tomo XLIII, Volume II Lisboa: Imprensa Nacional Casa da Moeda <http://e-terra.geopor.pt/artigos/mta/mta.pdf>
- 2011 Silva-Fortes, C. (2011). "Testes de Diagnóstico e Curvas ROC". Em Bioestatística e Qualidade na Saúde. Cunha, G., Eiras, M. e Teixeira, N. (Eds). LIDE L. <http://www.bertrand.pt/ficha/bioestatistica-e-qualidade-na-saude?id=11687583>
- 2011 Dionísio E., M.P.G. Dias, C. Martins, M. Pereira, L. Pereira-da-Silva, D. Virella, A.L. Papoila, M. Alves, G. Cordeiro Ferreira (2011). "Porcentagem de massa gorda medida por pletismografia por deslocamento de ar, pregas cutâneas e bioimpedância eléctrica bipolar, em crianças e adolescentes com excesso de peso ou obesidade". Portuguese Journal of Nephrology and Hypertension 25, N1, p 55 http://www.spnephro.pt/RPNH/PDFs/n1_2011/artigo_11.pdf
- 2011 Paulino, C.D., Pestana, D., Branco, J., Singer, J., Barroso, L. e Bussab, W. (2011). "Glossário Inglês-Português de Estatística", 2ª edição eletrónica http://glossario.spestatistica.pt_Electronic_publication
- 2011 Silva A.R., Camões T., Neves R., Pereira-da-Silva L., Moreira A.C., Virella D., Papoila A.L., Alves M., Sereilha M., Mendes L., Cordeiro Ferreira G. (2011). "Qual o efeito do consumo de ácidos gordos polinsaturados de cadeia longa durante a gravidez na composição corporal do recém-nascido de termo? Resultados preliminares". Revista da Associação Portuguesa de Nutrição Entérica e Parentérica 5:72-9. <http://revista.apnep.pt/index.php/abril-2011>
- 2012 Marques, T.A., Buckland, S.T., Borchers, D.L., Rexstad, E. and Thomas, L. (2012). Conventional Distance Sampling (version 1). StatProb: The Encyclopedia Sponsored by Statistics and Probability Societies <http://statprob.com/encyclopedia/ConventionalDistanceSampling.html>
- 2012 Oliveira, T.A., Oliveira, A. and Pérez-Bonilla, A. (2012). Data Mining and Quality in Service Industry: Review and some applications. In J. Faulin, A. Juan, S. Grasman & M. Fry (eds.), Decision Making under Uncertainty in the Service Industry, CRC/Taylor & Francis, 84-105 <http://www.crcpress.com/product/isbn/9781439867341>
- 2012 Santos, R., Pestana, D., and Martins, J.P. (2012). Extensions of the Dorfman's theory. In Oliveira, P. M. G. Temido, C. Henriques and M. Vicci (eds), Recent Developments in Modeling and Applications in Statistics, P.E. Oliveira et al (eds.), Springer-Verlag, Berlin, 179-189. http://link.springer.com/chapter/10.1007%2F978-3-642-32419-2_19
- 2012 Trenholm, S., Juan, A.A., Simosa, J., Oliveira, A. and Oliveira, T.A. (2012). Long-Term Experiences in Mathematics E-Learning in Europe and the US: A Comparative Study Regarding Differing Higher-Education Models. Invited Chapter Book in IGI Global Publisher -Math-E-Learning: Teaching Mathematics Online: Emergent Technologies and Methodologies, 238-258. <http://www.igi-global.com/chapter/long-term-experiences-mathematics-learning/57942>
- 2012 Turkman, K.F (2012). Discrete-Continuous Time Extremes of Stationary Processes, p 565-582. Handbook of statistics-vol 30, 2012. Time Series-Methods and Applications. Ed. C.R.Rao and SubbaRao, Elsevier-North Holland. <http://www.sciencedirect.com/science/article/pii/B978044453858100020X>
- 2012 Aleixo, S.M., and Rocha, J.L. (2012), "Generalized Models from Beta (p,2) Densities with Strong Allee Effect: Dynamical Approach", Journal of Computing and Information Technology, Vol. 20, No. 3, 201-207 <http://cit.srce.unizg.hr/index.php/CIT/article/view/2098>
- 2012 Araújo Santos, P. and Fraga Alves, M.I. (2012). "A new class of independence tests for interval forecasts evaluation". Computational Statistics and Data Analysis 56, issue 11 p. 3366-3380 http://ac.els-cdn.com/S0167947310003762/1-s2.0-S0167947310003762-main.pdf?_tid=4731b062-8767-11e3-8630-00000a0f02&acdnat=1390836519_a48fe23a478b6e09b531f1946b8d212
- 2012 Beirlant, J., Caeiro, F. and Gomes, M.I. (2012). "An overview and open research topics in the field of statistics of univariate extremes". Revstat 10: 1, 1-31 <http://www.ine.pt/revstat/pdf/rs120101.pdf>
- 2012 Branco M.S., Pestana, D., and Pereira, C. (2012). "Medico-Legal Age Estimation in Living Individual from a Portuguese Population: Third Molar Mineralization." J. Forensic Res. 3 (5):149-157. doi:10.4172/2157-7145.1000149 http://www.omicsonline.org/2157-7145/2157-7145-3-1_49.php?aid=6501
- 2012 Brilhante, F., Gomes, M.I. and Pestana, D. (2012). "Extensions of Verhulst Model in Population Dynamics and Extremes". Chaotic Modelling and Simulation (CMSIM) 4, 575-591. http://www.cmsim.eu/papers_pdf/october_2012_papers/4_CMSIM_2012_Brilhante_Gomes_Pestana_4_575-591.pdf
- 2012 Campos P.A., B. Valente, R.B. Campos, L. Gonçalves, V.R. Rosário, L. Varandas, H. Silveira (2012). "Plasmodium falciparum infection in pregnant women attending antenatal care in Luanda, Angola", Rev. http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0037-86822012000300017&lng=en&nrm=iso&tlng=e

- Soc. Bras. Med. Trop., Vol 45, Nº3, pp. 369-374
- 2012 Carvalho, M., Amaral Turkman, M.A. and Swash, M. (2012). "Motor unit firing in amyotrophic lateral sclerosis and other upper and lower motor neuron disorders". CLINICAL NEUROPHYSIOLOGY Volume: 123 Issue: 11 Pages: 2312-2318 <http://www.ncbi.nlm.nih.gov/pubmed/22627021>
- 2012 De Zea Bermudez, P. and Mendes, Z. (2012). "Extreme value theory in medical sciences: modeling total high cholesterol levels". Journal of Statistical Theory and Practice 6:3, 468-491. <http://www.tandfonline.com/doi/abs/10.1080/15598608.2012.695673?journalCode=ujsp20#preview>
- 2012 Felgueiras, M. (2012). "Explaining the seismic moment of large earthquakes by heavy and extremely heavy tailed models". GEM - International Journal on Geomathematics, Volume 3, Issue 2, 209-222 <http://link.springer.com/article/10.1007%2Fs13137-012-0042-5>
- 2012 Ferreira A., de Haan L. and Zhou C. (2012). "Exceedance probability of the integral of a stochastic process". Journal of Multivariate Analysis 10:1, 24 1-257 <http://www.sciencedirect.com/science/article/pii/S0047259X11001886>
- 2012 Ferreira, M., Gomes, M.I. and Leiva, V. (2012). "On an extreme value version of the Birnbaum-Saunders distribution". Revstat 10:2, 181-210 <http://www.ine.pt/revstat/pdf/rs120202.pdf>
- 2012 Figueiredo, A., Figueiredo, F., Monteiro, N.P. and Straume, O.R. (2012). "Labor adjustments in privatized firms: a Statis approach". Structural Change and Economic Dynamics 23, 108-116 http://ac.els-cdn.com/S0954349X11000713/1-s2.0-S0954349X11000713-main.pdf?_tid=4ae1eb4a-67ac-11e2-91-a5-00000aab0f27&acdnat=1359200226_f4ea677df8f7def42d7c348259673229
- 2012 Figueiredo, A., Monteiro, F., Fortes, A.M., Bonow-Rex, M., Zyprian, E., Sousa, L. e Pais, M.S. (2012). "Cultivar-specific kinetics of gene induction during downy mildew early infection in grapevine" <http://rd.springer.com/article/10.1007/s10142-012-0261-8#>
- 2012 Fortes, C.S., Amaral Turkman, M.A. and Sousa, L. (2012). "Arrow Plot: a new graphical tool for selecting up and down regulated genes and genes differentially expressed on sample subgroups". BMC Bioinformatics 13:147 (10.1186/1471-2105-13-147) <http://www.biomedcentral.com/1471-2105/13/147>
- 2012 Gomes, M.I., Ferreira, M. and Leiva, V. (2012). "The Extreme Value Birnbaum-Saunders Model, its Moments and an Application in Biometry". Biometrical Letters 49:2, 81-94. <http://www.au.poznan.pl/bl/index.php?p=abstract&a=2012.49.2.1>
- 2012 Gomes, M.I., Figueiredo, F. and Neves, M. (2012). "Adaptive estimation of heavy right tails: the bootstrap methodology in action". Extremes 15, 463-489 , DOI: 10.1007/s10687-011-0146-6 <http://link.springer.com/article/10.1007%2Fs10687-011-0146-6>
- 2012 Gomes-Santos, C.S.S., Itoe, M.A., Afonso, C., Henriques, R., Gardner, R., Sepúlveda, N., Simões, P.D., Raquel, H., Almeida, A.P., Moita, L.F., Frischknecht, F., Mota, M.M. (2012). "Highly Dynamic Host Actin Reorganization around Developing Plasmodium Inside Hepatocytes". PLoS One 2012, 7(1), e29408. <http://dx.doi.org/10.1371/journal.pone.0029408>
- 2012 Gonçalves, L., C. Pascoal, A.M. Pires, M.R., Oliveira M.R. (2012), "Sample size for estimating a binomial proportion: comparison of different methods" , Journal of Applied Statistics, Vol39, Nº11, pp. 2453-2473 <http://www.tandfonline.com/doi/abs/10.1080/02664763.2012.713919>
- 2012 Gonçalves, L., A. Subtil, M.R. Oliveira, V.E. Rosário, P. Lee, M.F. Shao (2012). "Bayesian latent class models in malariadiagnosis", PLoS ONE, 7, Nº7 , e40633. <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0040633>
- 2012 Gonçalves, M.H., Cabral, M.S., and Azzalini, A. (2012). "The R package bld for the Analysis of Binary Longitudinal Data". Journal of Statistical Software, 46 (9) 1-17. <http://www.jstatsoft.org/v46/i09/paper>
- 2012 Gonçalves-Pereira, M., vanWijngaarden, B., Xavier, M., Papoila, A.L., Caldas-de-Almeida, J.M., Schene, A.H. (2012). "Caregiving in severe mental illnesses: the psychometric properties of the Involvement Evaluation Questionnaire in Portugal". Annals of General Psychiatry 28, 11-19. doi: 10.1186/1744-859X-11-8. PMID:22455541 <http://www.ncbi.nlm.nih.gov/pubmed/22455541>
- 2012 Gouveia, E. R., Maia J. A., Beunen, G. P., Blimkie, C. R., Gouveia, B. R., Velosa S. F., and Freitas D. L. (2012). "Uma Comparação da Aptidão Funcional de Mulheres Idosas Portuguesas e Brasileiras." Revista Mineira de Educação Física 2(7):1208-18 <http://www.mediafire.com/view/?j6zegiby11b8cbw>
- 2012 Henriques, D., Basto-Fernandes, V., Seco, A., Felgueiras, M., and Pereira, A. (2012). "LOSTE -Location Oriented System Technology for the Elder". Proc edia Technology, Vol.5, 575-580. Elsevier http://www.sciencedirect.com/science?_ob=ArticleListURL&method=list&ArticleListID=84438030&sort=r&st=13&view=c&acct=C000057411&version=1&urlVersion=0&userid=2460300&md5=6fc569700e07182a8bb0b9a3c3717911&searchtype=a
- 2012 Inácio, V., de Carvalho, M. and Amaral Turkman, M.A. (2012). Discussion of "Probabilistic index models" by Thas, O., de Neve, J., Clemente, L., Ottoy, J.P., Journal of the Royal Statistical Society B, Vol. 74, Issue 4, p 659 <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9868.2011.01020.x/full>
- 2012 Inácio, V., González-Manteiga, W., Febrero-Bande, M., Gude, F., Alonzo, T.A. and Cadarso-Suarez, C. (2012). "Extending induced ROC methodology to the functional context", Biostatistics, 13, 594-608 <http://biostatistics.oxfordjournals.org/content/13/4/594.short>
- 2012 Manjurano, A., Clark, T.G., Nadim, B., Mtove, G., Wangai, H., Sepúlveda, N., Campino, S.G., Maxwell, C., Olomi, R., Rockett, K.R., Jeffreys, A., MalariaGen consortium, Riley, E. M., Reyburn, H., Drakeley, C. (2012). "Candidate human genetic polymorphisms and severe malaria in a Tanzanian population". PLoS One 7(10), e47463 <http://dx.doi.org/10.1371/journal.pone.0047463>
- 2012 Marques, T.A., Munger, L.; Thomas, L.; Wiggins, S. & Hildebrand, J.A. (2012). "Erratum to Estimating North Pacific right whale (Eubalaena japonica) density using passive acoustic cue counting". http://www.int-res.com/articles/esr_oa/n016p095.pdf

- Endangered Species Research DOI: 10.3354/esr0032513, p. 163, 2011. 16: 95
- 2012 Marques, T.A., Thomas, L., Martin, S.W., Mellinger, D.K., Jarvis, S., Morrissey, R.P., Ciminello, C. & DiMarzio, N. (2012). "Spatially explicit capture and recapture methods to estimate minke whale abundance from data collected at bottom mounted hydrophones". *Journal of Ornithology* 152: 445-455. DOI: 10.1007/s10336-010-0535-7 <http://link.springer.com/article/10.1007%2Fs10336-010-0535-7>
- 2012 Martins, P.C., Valente, J., Papoila, A.L., Caires, I., Araújo-Martins, J., Mata, P., Lopes, M., Torres, S., Rosado-Pinto, J., Borrego, C., Annesi-Maesano, I. and Neuparth, N. (2012). "Airways changes related to air pollution exposure in wheezing children". *European Respiratory Journal* 39(2), 246-53. doi: 10.1183/09031936.00025111 <http://erj.ersjournals.com/content/39/2/246.full>
- 2012 Monteiro, F., Sebastiana, M., Figueiredo, A., Sousa, L., Cotrim, H.C. e Pais, M.S. (2012). "Labellum transcriptome reveals alkene biosynthetic genes involved in orchid sexual deception and pollination-induced senescence". *Functional and Integrative Genomics* 12(4), 693-703. (DOI 10.1007/s10142-012-0288-x) <http://www.ncbi.nlm.nih.gov/pubmed/22706647>
- 2012 Pereira, A., Felisberto, F., Maduro, L., Felgueiras, M. (2012). "Fall Detection on Ambient Assisted Living using a Wireless Sensor Network", *Advances in Distributed Computing and Artificial Intelligence Journal*, 1, 53-62 <http://adcaij.usal.es/issues/issue01.pdf>
- 2012 Pereira, C., Telles Antunes, M., Pestana, D., Mendonça, M.C., and Santos, J.C. (2012). "An Unidentified Skeletal Assemblage from a Post-1755 Mass Grave of Lisbon: Dental Morphology and Population Affinity". *Bulletin International Association of Paleontology*, 6(1):12-26 <http://hrcak.srce.hr/84117?lang=en>
- 2012 Pestana, P. (2012). "Lindenmayer Systems and the Harmony of Fractals", *Chaotic Modeling and Simulation Journal*, 1, 91-99. http://www.cmsim.eu/papers_pdf/january_2012_papers/9_CMSIM_2012_Pestana_1_91-99.pdf
- 2012 Pestana, P., and Pestana, D. (2012). "Philip Glass' Façades—A Case Study on the Complexity of Music Scores", *Chaotic Modeling and Simulation (CMSIM)* 4 : 607–621 http://www.cmsim.eu/papers_pdf/october_2012_papers/7_CMSIM_2012_P_Pestana_D_Pestana_4_607-621.pdf
- 2012 Pinto, A.E., Silva, G.L., Pereira, T., Cabrera, R.A., Santos, J.R. and Leite, V. (2012). "S-phase fraction and ploidy as predictive markers in primary disease and recurrence of papillary thyroid carcinoma". *Clinical Endocrinology*, 77, 302-309 <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2265.2012.04363.x/abstract>
- 2012 Prada, S., Menezes de Sequeira, M., Figueira, C., and Vasconcelos, R. (2012). "Fog precipitation in high altitude the tree heath forest (*Erica arborea* L.) of Paul da Serra massif (Madeira island)". *Hidrological Processes*, 26, 202-212. doi:10.1002/hyp.8126 <http://onlinelibrary.wiley.com/doi/10.1002/hyp.8126/abstract>
- 2012 Seijas-Macias, A., Oliveira, A. (2012). An approach to distribution of the product of two normal variables. *Discussiones Mathematicae Probability and Statistics*, vol. 32, 1/2, pp87-98. <http://www.discuss.wmie.uz.zgora.pl/ps>
- 2012 Soares, M.O. and Canto e Castro, L. (2012). "Continuous time simulation and discretized models for cost-effectiveness analysis". *Pharmacoeconomics* 30: 12, 1101-1117. <http://www.ncbi.nlm.nih.gov/pubmed/23116289>
- 2012 Sousa, M., Servidoni, M.F., Vinagre, A.M., Ramalho, A.S., Bonadia, L.C., Felício, V., Ribeiro, M.A., Uliyakina, I., Marson, F.A., Kmit, A., Cardoso, S.R., Ribeiro, J.D., Bertuzzo, C.S., Sousa, L., Kunzelmann, K., Ribeiro, A.F. and Amaral, M.D. (2012). "Measurements of CFTR-Mediated Cl⁻ Secretion in Human Rectal Biopsies Constitute a Robust Biomarker for Cystic Fibrosis Diagnosis and Prognosis". *PLOS ONE* 7(10), e47708 <http://www.ncbi.nlm.nih.gov/pubmed/23082198>
- 2012 Subtil A., M.R. Oliveira, L. Gonçalves (2012) "Conditional dependence diagnostic in the latent class model: A simulation study", *Statistics and Probability Letters*, Vol 82, pp. 1407-1412 <http://www.sciencedirect.com/science/article/pii/S016771521200123X>
- 2012 Thomas, L. & Marques, T. A. (2012). "Passive acoustic monitoring for estimating animal density". *Acoustics Today* 8: 35-44 http://asadl.org/at/resource/1/atcodk/v8/i3/p35_s1?isAuthorized=no
- 2012 Toure, O., Konate, S., Sissoko, S., Niangaly, A., Barry, A., Sall, A., Diarra, E., Poudiougou, B., Sepúlveda, N., Campino, S. G., Rockett, K. R., Clark, T. G., Thera, M., Doumbo, O. in collaboration with MalariaGEN Consortium (2012). "Candidate polymorphisms and severe malaria in a Malian population". *PLoS One* 2012, 7(9): e43987 <http://dx.doi.org/10.1371/journal.pone.0043987>
- 2012 Turkman, K.F. (2012) Book Review: Extreme value methods with applications to Finance. *Journal of Time Series Analysis*, vol. 33:6 pp. 964, DOI:10.1111/j.1467-9892.2012.00801 <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9892.2012.00801.x/full>
- 2012 Ursu, E. and Turkman, K.F. (2012) "Periodic autoregressive model identification using genetic algorithms". *J. of Time Series Analysis*, Vol. 33:3, pp398-405. On-line DOI: 10.1111/j.1467-9892.2011.00772. <http://onlinelibrary.wiley.com/doi/10.1111/jtsa.2012.33.issue-3/issuetoc>
- 2012 Ward, J. A., L. Thomas, S. Jarvis, N. DiMarzio, D. Moretti, Marques, T.A., C. Dunn, D. Claridge, E. Hartvig & P. Tyack (2012). "Passive Acoustic Density Estimation of Sperm Whales in the Tongue of the Ocean, Bahamas". *Marine Mammal Science* 28: E444–E455. DOI: 10.1111/j.1748-7692.2011.00560.x <http://onlinelibrary.wiley.com/doi/10.1111/mms.2012.28.issue-4/issuetoc>
- 2012 Aleixo, S.M., and Rocha, J.L. (2012). "Generalized Models from Beta (p,2) Densities with Strong Allee Effect: Dynamical Approach" In *Proceedings of the ITI 2012, 34th International Conference on Information Technology Interfaces*, Eds. V. Luzar-Stiffler, I. Jarec, Z. Bekic, 2012, 319-324, 34th International Conference on Information <http://www.ceaul.fc.ul.pt/artigos/2012/p030.pdf>

- Technology Interfaces, ITI 2012, Cavtat/Dubrovnik, Croácia
- Andreozi, V. (2012). "Beyond MCMC in fitting complex Bayesian models: The INLA method. Thematic Session Beyond the Basics Statistics in Epidemiology on European Congress of Epidemiology". 5-8 September, Porto, Portugal. European Journal of Epidemiology, Volume 27, suppl 1, pp: S7, 2012. <http://link.springer.com/article/10.1007%2Fs10654-012-9722-6>
- 2012 Araújo, L.B., Oliveira, M.M., Dias, T.T., Oliveira, A. and T.A. Oliveira (2012). "Tucker3 method in biometrical research: analysis of experiments with three factors, using R". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1728-1731, ISBN 978-0-7354-1089-3 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756506>
- 2012 Brilhante, F., Gomes, M.I. and Pestana, D. (2012). "A non-parametric double-bootstrap method for an adaptive MOP EVI-estimation". In T. E. Simos, G. P. sihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1708-1711, ISBN 978-0-7354-1089-3 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756501>
- 2012 Brilhante, F., Gomes, M.I. and Pestana, D. (2012). "Extension of Panjer's iterative procedures and multifractals", 123-130, In Skiadas, C. et al., Proceedings 5th Chaotic Modeling and Simulation International Conference http://www.cmsim.org/images/1_CHAOS2012_Proceedings_Papers_A-B.pdf
- 2012 Brilhante, M.F., Gomes, M.I. and Pestana, D. (2012). "Extensions of Verhulst Model in Population Dynamics and Extremes". In Skiadas, C. et al., Proceedings 5th Chaotic Modeling and Simulation International Conference, 115-122 http://www.cmsim.org/images/1_CHAOS2012_Proceedings_Papers_A-B.pdf
- 2012 Caeiro, F. and Gomes, M.I. (2012). "A reduced bias estimator of a 'scale' second order parameter". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1114-1117, ISBN 978-0-7354-1089-3 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756343>
- 2012 Cordeiro, C. and Neves, M. (2012). "How bootstrap can help in forecasting time series with more than one seasonal pattern". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1712-1715, ISBN 978-0-7354-1089-3 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756502>
- 2012 Felgueiras, M.; Martins, J.; Santos, R. (2012). "Pseudo-convex Mixtures". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.) Numerical Analysis and Applied Mathematics ICNAAM 2012, American Institute of Physics, AIP Conf. Proc. 1479, 1125-1128, 2012 (doi: 10.1063/1.4756346) <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756346>
- 2012 Felgueiras, M.; Santos, R. (2012). "Exploring Pareto Scale Mixtures". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.) Numerical Analysis and Applied Mathematics ICNAAM 2012, American Institute of Physics, AIP Conf. Proc. 1479, 1121-1124. (doi: 10.1063/1.4756345) <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756345>
- 2012 Gomes, M.I., Caeiro, F. and Henriques-Rodrigues, L. (2012). "PORT-PPWM extreme value index estimation", 259-270. In Colubi, A., Fokianos, K., Kontoghiorghes, E.J. and González-Rodríguez, G. (eds.). Proceedings of COMPSTAT 2012 http://www.compstat2012.org/Proceedings_COMPSTAT20_12.pdf
- 2012 Neves, M., Gomes, M.I., Figueiredo, F. and Prata-Gomes, D. (2012). "Modelling extreme events: sample fraction adaptive choice in parameter estimation". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1110-1113, ISBN 978-0-7354-1089-3 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756342>
- 2012 Oliveira, T.A. (2012). Preface of the "Symposium on BE-SMART-biometry and extremes: Statistical modelling and R techniques". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1707. ISBN 978-0-7354-1089-3 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756500>
- 2012 Oliveira, A., Oliveira, T.A. and Mejza, S. (2012). "Joint regression analysis and AMMI model applied to oat improvement". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1720-1723, ISBN 978-0-7354-1089-3. <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756504>
- 2012 Oliveira, T.A. and Oliveira, A. (2012). "Ineffectiveness of the FIM in selecting optimal BIB designs for testing block effects". In Colubi, A., Fokianos, K., Kontoghiorghes, E.J. and González-Rodríguez, G. (eds.). Proceedings of COMPSTAT 2012, 701-712 http://www.compstat2012.org/Proceedings_COMPSTAT20_12.pdf
- 2012 Pestana, P., and Pestana, D. (2012). "Philip Glass' Façades—a Case Study on the Complexity of Music Scores", Proceedings of Chaos 2012 —5th Chaotic Modeling and Simulation International Conference, Atenas, p. 459-467 http://www.cmsim.org/images/1_CHAOS2012_Proceedings_Papers_M-P.pdf
- 2012 Ramos, M.R., Carolino, E., Oliveira, T.A., Bicho, M. (2012). "Two-way MANCOVA: An application to public health". In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2012, AIP Conference Proceedings 1479, American Institute of Physics, 1716-1719 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4756503>

- 2012 Rocha, J.L., and Aleixo, S.M. (2012) "Modeling Allee Effect from Beta(p,2) Densities", In Proceedings of the ITI 2012, 34th International Conference on Information Technology Interfaces, Eds. V. Luzar-Stiffler, I. Jarec, Z. Bekic, 2012, 461-466 http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6252854&punumber%3D6252854%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6307955%29%26pageNumber%3D2&pageNumber=3
- 2012 Gonçalves, M.H., Cabral, M. S., and Azzalini, A. (2012). bild: A Package for Binary Longitudinal Data, Version 1.1 <http://CRAN.R-project.org/package=bild>
- 2012 Martins, I., Ye, M., Constantino, M., Fonseca, M.C., and Cadima, J. (2012). "Modelling target volume flows in forest harvesting scheduling subject to maximum area restriction", TOP, July 2012 (publication online 21.7.12), doi: 10.1007/s11750-012-0260-x <http://link.springer.com/article/10.1007/s11750-012-0260-x>
- 2012 Natário, I. (2012). "Probabilidades e Estatística". Arquivo Escolar. <http://arquivoscolar.org/handle/arquivo-e/200>
- 2012 Maio, P., Antunes, J., Pacheco, D., Soares de Almeida, L., and Marques, M. S. (2012). "Nevos Recorrentes – Uma Revisão de 5 Anos". Revista da SPDV 70(2): 183-187. <http://spdv.com.pt/pt/?id=61&mid=7>
- 2012 Matos, A.C. Gaspar, M. Duarte, P. Marques, I. Poças, C. Silva-Fortes, L. Queirós, A. Bivar (2012). "Perimetria de Hiperacuidade Preferencial no estu do do Edema Macular Diabético", Ciência & Tecnologia 8, pp. 31-35 <http://repositorio.ipl.pt>
- 2012 Ribeiro, M.H., Martins, M. A. e Santos, R. (2012). "A Regressão Linear Simples no Ensino Secundário". Gazeta de Matemática 168, p. 42-48. <http://gazeta.spm.pt/fichagazeta?id=168>
- 2012 Pinto, A.E., Pereira, T., Silva, G.L., Ferreira, M.C. and André, S. (2012). "A ploidia de ADN é um biomarcador prognóstico independente no carcinoma ductal invasivo da mama", Aceite para publicação em Acta Médica Portuguesa, 25(6). <http://www.actamedicaportuguesa.com/>
- 2013 Fraga Alves, M.I. and Neves, M. (2013). Extremes in Vimeiro Today: Extended Abstracts. CEaul Editions, ISBN: 978-989-733-023-0, Depósito Legal: 362712 /13 (190 pages). http://www.ceaul.fc.ul.pt/files/evt2013_bookabst_online.pdf
- 2013 Lita da Silva, J., Caeiro, F., Natário, I. and Braumann, C.A. (2013). Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, Springer: Berlin Heidelberg. ISBN 978-3-642-34904-1 (471 pages). http://www.springer.com/statistics/statistical_theory_and_methods/book/978-3-642-34903-4
- 2013 Abreu, A.M. and Rocha, C.S. (2013). A Parametric Cure Model with Covariates. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 37-45 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_3#page-1
- 2013 Alves, M., Rocha, C.S. and Paixão, M.T. (2013). Survival Analysis Applied to the Study of Time from Diagnosis of HIV-1 Infection to AIDS in Portugal. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 47-54. http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_4#page-1
- 2013 Araújo Santos, P. and Fraga Alves, M.I. (2013). A new Independence Test for VaR Violations. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 55-63 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_5
- 2013 Araújo Santos, P. and Fraga Alves, M.I. (2013). Improved Shape Parameter Estimation in a Discrete Weibull Model. In Recent Developments in Modeling and Applications in Statistics, Studies in Theoretical and Applied Statistics, Oliveira, P.E., da Graça Temido, M., Henriques, C. and Vichi, M. (eds.), Springer: Berlin and Heidelberg, pp. 71-80 http://link.springer.com/chapter/10.1007/978-3-642-32419-2_8
- 2013 Bispo, R., Bernardino, J., Marques, T. & Pestana, D. (2013). Discrimination between parametric survival models for removal times of bird carcasses in scavenger removal trials at wind turbines sites. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 65-72 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_6
- 2013 Brilhante, M.F. (2013). Generalized p Values and Random p Values When the Alternative to Uniformity Is a Mixture of a Beta(1,2) and Uniform. In Recent Developments in Modeling and Applications in Statistics, Studies in Theoretical and Applied Statistics, Oliveira, P.E., da Graça Temido, M., Henriques, C. and Vichi, M. (eds.), Springer: Berlin and Heidelberg, pp. 159-167 http://link.springer.com/chapter/10.1007/978-3-642-32419-2_17
- 2013 Brilhante, M.F., Malva, M., Mendonça, S., Pestana, D., Sequeira, F. and Velosa, S. (2013). Uniformity. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 67-75 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_7
- 2013 Caeiro, F. and Gomes, M.I. (2013). Asymptotic Comparison at Optimal Levels of Minimum-Variance Reduced-Bias Tail Index Estimators. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 83-91 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_8
- 2013 Caeiro, F. and Gomes, M.I. (2013). A Class of Semi-parametric Probability Weighted Moment Estimators. In Recent Developments in http://link.springer.com/chapter/10.1007/978-3-642-32419-2_8

- 2013 Modeling and Applications in Statistics, Studies in Theoretical and Applied Statistics, Oliveira, P.E., da Graça Temido, M., Henriques, C. and Vichi, M. (eds.), Springer: Berlin and Heidelberg, pp. 139-147 [2_15](#)
- 2013 Canto e Castro, L., Gomes, D. and Temido, M.G. (2013). Extremal Behavior of the Generalized Integer-valued Random Coefficient Autoregressive Process. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 93-101 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_9
- 2013 Carrasquinha, E., Gonçalves, M.H., Cabral, M.S. (2013). Generalized Linear Mixed Effects Model in the Analysis of Longitudinal Discrete Data. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, pp. 113-120. http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_11
- 2013 Cordeiro, C. (2013). Responsible for the Portuguese translation in Zdenek Broz, Z. and Dostal, P. "Multilingual Dictionary of Forecasting", CERM Academic Publishing house. <http://www.amazon.com/Multilingual-Dictionary-Fore-casting-Zdenek-Broz-ebook/dp/B00BM3FBAY>
- 2013 Cordeiro, C. and Neves, M. (2013). Predicting and Treating Missing Data with Boot.EXPOS. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 131-138. http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_13
- 2013 Correia, C., Sepúlveda, N. and Paulino, C.D. (2013). Bayesian Genetic Mapping of Binary Trait Loci (2013). In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 139-146. http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_14
- 2013 Felgueiras, M. (2013). Pareto Scale Mixtures. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 281-288. http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_29
- 2013 Fraga Alves, M.I. and Araújo Santos, P. (2013). Conditional EVT for VAR Estimation: Comparison with a new Independence Test. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 183-191 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_19
- 2013 Fraga Alves, M.I. and Araújo Santos, P. (2013). DPOT Methodology: an Application to Value-at-Risk. In Recent Developments in Modeling and Applications in Statistics, Studies in Theoretical and Applied Statistics, Oliveira, P.E., da Graça Temido, M., Henriques, C. and Vichi, M. (eds.), Springer: Berlin and Heidelberg, pp. 81-88. http://link.springer.com/chapter/10.1007/978-3-642-32419-2_9
- 2013 Fraga Alves, M.I., de Haan, L. and Neves, C. (2010). How far can Man go? In Advances in Theoretical and Applied Statistics, Studies in Theoretical and Applied Statistics, N. Torelli, F. Pesarin, and A. Bar-Hen (eds.), Springer-Verlag: Berlin and Heidelberg, pp. 187-197 http://link.springer.com/chapter/10.1007/978-3-642-35588-2_18
- 2013 Gomes, M.I., Figueiredo, F. and Neves, M.M. (2013). Adaptive Choice of Thresholds and the Bootstrap Methodology: an Empirical Study. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 203-211 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_21
- 2013 Gomes, M.I. and Henriques-Rodrigues, L. (2013). Adaptive PORT-MVRB Estimation of the Extreme Value Index. In Recent Developments in Modeling and Applications in Statistics, Studies in Theoretical and Applied Statistics, Oliveira, P.E., da Graça Temido, M., Henriques, C. and Vichi, M. (eds.), Springer: Berlin and Heidelberg, pp. 117-125 http://link.springer.com/chapter/10.1007/978-3-642-32419-2_13
- 2013 Gomes, M.I., Henriques-Rodrigues, L. and Caeiro, F. (2013). Refined Estimation of a Light Tail: an Application to Environmental Data. In Advances in Theoretical and Applied Statistics, Studies in Theoretical and Applied Statistics, N. Torelli, F. Pesarin, and A. Bar-Hen (eds.), Springer-Verlag: Berlin and Heidelberg, pp. 143-153 http://link.springer.com/chapter/10.1007/978-3-642-35588-2_114
- 2013 Henriques-Rodrigues, L. and Gomes, M.I. (2013). A Note on the PORT Methodology in the Estimation of a Shape Second-Order Parameter. In Recent Developments in Modeling and Applications in Statistics, Studies in Theoretical and Applied Statistics, Oliveira, P.E., da Graça Temido, M., Henriques, C. and Vichi, M. (eds.), Springer: Berlin and Heidelberg, pp. 127-137 http://link.springer.com/chapter/10.1007/978-3-642-32419-2_14
- 2013 Papoila, A.L., Rocha, C., Geraldes, C. and Xufre, P. (2013). Generalized Linear Models, Generalized Additive Models and Neural Networks: Comparative Study in Medical Applications. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 317-324 http://link.springer.com/chapter/10.1007/978-3-642-34904-1_33
- 2013 Pestana, D., Rocha, L., Vasconcelos, R., and Velosa, S. (2013). Publication Bias and Meta-Analytic Syntheses. In Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 347-354 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_36
- Prata Gomes, D., Mexia, J.T. and Neves, M. (2009). Extremal

- 2013 Behaviour of Stationary processes: the Calibration Technique in the Extremal Index Estimation. In *Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics*, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 381-389 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_40
- 2013 Ramos, S.M., Turkman, A.A. & Antunes, M. (2013). Semi-parametric building of the optimal screening region in supervised classification. In *Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics*, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 391-399 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_41#page-1
- 2013 Santos, R., Pestana, D., Martins, J.P. (2013) Extensions of the Dorfman's Theory. In *Recent Developments in Modeling and Applications in Statistics, Studies in Theoretical and Applied Statistics*, Oliveira, P.E., da Graça Temido, M., Henriques, C. and Vichi, M. (eds.), Springer: Berlin and Heidelberg, pp. 179-189 http://link.springer.com/chapter/10.1007/978-3-642-32419-2_19
- 2013 São João, R., Papoila, A.L., Ligeiro, D., Trindade, H. (2013). HLA allele and haplotype frequencies of the Portuguese Bone Marrow Donors registry. In *Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics*, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 417-426. http://link.springer.com/chapter/10.1007/978-3-642-34904-1_44
- 2013 Silva-Fortes, C., Amaral Turkman, M.A., Lança, L., Silva, R. and Marques, G. (2013). An Application of MRMC ROC Curves on Radiology. In *Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics*, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 445-451 http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_47#page-1
- 2013 Teles J. and Amaral Turkman, M.A. (2013). Some remarks about Gibbs variable selection performance. In *Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics*, J. Lita da Silva et al. (eds.), Springer: Berlin and Heidelberg, pp. 453-461. http://link.springer.com/chapter/10.1007%2F978-3-642-34904-1_48#page-1
- 2013 Afonso, A.A., Justo, L.N., Queirós, A.C., Fesel, C., Cabral, M.S., Silva, M.G., Porrata, L., Markovic, S., Pires, A.E., João, C. (2013). Treatment with Low Doses of Polyclonal Immunoglobulin Improves B Cell Function During Immune Reconstitution in a Murine Model. *J Clin Immunol.* 33 (2):407-19 <http://rd.springer.com/article/10.1007/s10875-012-9802-0>
- 2013 Antunes J., da Costa J.B., Guimarães M., Vaz-Pinto I., Soares-Almeida L., Filipe P. (2013). Post-Kala-azar dermal leishmaniasis due to *Leishmania donovani* in Europe--case report. *Int. J Dermatol.* 52(12), pp.1584-6. PubMed PMID: 24261735 <http://dx.doi.org/10.1111/j.1365-4632.2011.05354.x>
- 2013 Araújo Santos, P. and Fraga Alves, M.I. (2013). Forecasting Value-at-Risk with a duration-based POT method. *Mathematics and Computers in Simulation* 94, pp. 295-309 <http://dx.doi.org/10.1016/j.matcom.2012.07.016>
- 2013 Araújo Santos, P., Fraga Alves M.I. and Hammoudeh, S. (2013). High quantiles estimation with Quasi-PORT and DPOT: An application to value-at-risk for financial variables. *The North American Journal of Economics and Finance* 26, pp. 487-496 <http://www.sciencedirect.com/science/article/pii/S1062940813000326>
- 2013 Bernardino, J., Bispo, R., Costa, H. and Mascarenhas, M. (2013). Estimating bird and bat fatality at wind farms: a practical overview of estimators, their assumptions and limitations. *New Zealand Journal of Zoology*, 40:63-74 http://www.tandfonline.com/doi/abs/10.1080/03014223.2012.758155#_UtZpE7CYbCY
- 2013 Bispo, R., Bernardino, J., Marques, T., and Pestana, D. (2012). "Modeling carcass removal time for avian mortality assessment in wind farms using parametric survival analysis". *Environmental and Ecological Statistics*, vol. 20, 1: 147-165. doi: 10.1007/s10651-012-0212-5. <http://link.springer.com/article/10.1007%2Fs10651-012-0212-5>
- 2013 Branco, S., Campino, L., Maia, C., Cristovão, J., Alves-Pires, C., Gonçalves, L., Afonso, M.O. (2013). Entomological and ecological studies in a new potential zoonotic leishmaniasis focus in Torres Novas municipality, Central Region, Portugal, *Acta Tropica*, 125, pp. 339-348 <http://www.sciencedirect.com/science/article/pii/S0001706X12003865>
- 2013 Brilhante, F., Gomes, M.I. and Pestana, D. (2013). A Simple Generalization of the Hill Estimator. *Computational Statistics & Data Analysis* 57:1, pp. 518-535. <http://dx.doi.org/10.1016/j.csda.2012.07.019>
- 2013 Brilhante, F., Gomes, M.I. and Pestana, D. (2013). Multifractals tied to extensions of Panjer's iterative procedures. *Chaotic Modelling and Simulation (CMSIM)* 3(1), pp. 39-50. http://www.cmsim.eu/papers_pdf/january_2013_papers/4_Jan_2013_Brilhante_Gomes_Pestana_39-50.pdf
- 2013 Cai, J., L. de Haan and C. Zhou (2013). "Bias correction in extreme value statistics with index around zero". *Extremes*, vol. 16 issue 2 pp. 173-201 <http://link.springer.com/article/10.1007%2Fs10687-012-0158-x>
- 2013 Cardoso, F.S., Ricardo, L.B., Oliveira, A.M., Canena, J.M., Horta, D.V., Papoila, A.L., Deus, J.R. (2013). C-reactive protein prognostic accuracy in acute pancreatitis: timing of measurement and cutoff points. *European Journal of Gastroenterology & Hepatology*, 25(7), 784-9 <http://www.ncbi.nlm.nih.gov/pubmed/23492986>
- 2013 Carvalho, J., Marques, T.A. and Vicente, L. (2013). Population status of *Pan troglodytes verus* in Lagoas de Cufada Natural Park, Guinea-Bissau. *PLoS One*, 8:e71527 <http://dx.doi.org/10.1371/journal.pone.0071527>
- Castagliola, P. and Figueiredo, F. (2013). The median chart with

- 2013 estimated parameters. *European Journal of Industrial Engineering* 7:5, pp. 594-614. http://www.inderscience.com/info/inarticle.php?art_id=57382
- Clarke, L.A., Sousa, L., Barreto, C. and Amaral, M.D. (2013). Changes in transcriptome of native nasal epithelium expressing F508del-CFTR and intersecting data from comparable studies. *Respiratory Research* 14:38 http://respiratory-research.com/content/pdf/1465-9_921-14-38.pdf
- Conceição, T., Diamantino, F., Coelho, C., de Lencastre, H., Aires-de-Sousa, M. (2013) Contamination of Public Buses with MRSA in Lisbon, Portugal: A Possible Transmission Route of Major MRSA Clones within the Community. *PLoS ONE* 8(11): e77812. doi:10.1371/journal.pone.0077812 <http://dx.plos.org/10.1371/journal.pone.0077812>
- Craveiro I., Ferrinho, P., de Sousa, B. and Gonçalves, L. (2013) Healthcare access and the patterns of maternal health care utilization among poor and non-poor women living in urban areas in Portugal, *Health*. Vol.5, No.12, 1954-1964 <http://dx.doi.org/10.4236/health.2013.512265>
- de Carvalho, M., Turkman, K.F., Rua, A. (2013). Dynamic threshold modelling and the US business cycle. *Journal of the Royal Statistical Society, Series C*. 62, pp. 535-550 http://onlinelibrary.wiley.com/doi/10.1111/rssc.12_008/pdf
- Dias S.S., Andreozzi V., Martins R.O. (2013). Analysis of HIV/AIDS DRG in Portugal: a hierarchical finite mixture model. *Eur. J. Health Econ.* 14(5), p p. 715-23. <http://link.springer.com/article/10.1007%2Fs10198-012-0416-5>
- Dionísio, M., Cordeiro, C., Remuñán-López, C., Seijo, B., Rosa da Costa, A.M. and Grenha, A. (2013). Pullulan-based nanoparticles as carriers for trans mucosal protein delivery. *European Journal of Pharmaceutical Sciences*, Vol. 50, N°1, pp. 102-113. <http://www.sciencedirect.com/science/article/pii/S0928098713001450>
- Figueira, C., Menezes de Sequeira, M., Vasconcelos, R., Prada, S. (2013) Cloud water interception in the temperate laurel forest of Madeira Island. *Hydrological Sciences Journal*, 58, Issue 1, 152-161 <http://dx.doi.org/10.1080/02626667.2012.742952>
- Figueiredo, F. and Gomes, M.I. (2013). The Skew-Normal Distribution in SPC. *Revstat* 11:1, pp. 83-104 <http://www.ine.pt/revstat/pdf/rs130105.pdf>
- Figueiredo I., Natário I., Moura T., Carvalho M.L. (2013). Modelling the dynamics of the deep-water shark *Centroscymnus coelolepis* off mainland Portugal. *Aquatic Living Resources*, 26, pp. 355-364. <http://dx.doi.org/10.1051/alr/2013064>
- Fournier-Prunaret, D., Rocha, J. Leonel, Caneco, A., Fernandes, S., and Grácio, C., Synchronization and Basins of Synchronized States 2-Dimensional Piecewise Maps Issued of Coupling Between 3-Pieces One-Dimensional Map, *International Journal of Bifurcation & Chaos*, 23, 8 (2013), 1350134 1-18 <http://www.worldscientific.com/doi/abs/10.1142/S0218127413501344>
- Gil, S., Leal, R., Duarte, A., McGahie, D., Sepúlveda, N., Cartaxeiro, C., Niza, M.M.R.E. and Tavares, L. (2013). Relevance of Feline Interferon omega for clinical improvement and reduction of viral excretion in retroviral-infected cats from a rescue shelter. *Research in Veterinary Sciences*, 94, pp. 753-763. <http://dx.doi.org/10.1016/j.rvsc.2012.09.025>
- Goela, P.C., Icely, J., Cristina, S., Newton, A., Moore, G. and Cordeiro, C. (2013). Specific absorption coefficient of phytoplankton off the Southwest coast of the Iberian Peninsula: A contribution to algorithm development for ocean colour remote sensing. *Continental Shelf Research* 52, pp. 119-132 <http://www.journals.elsevier.com/continental-shelf-research/recent-articles/>
- Gomes, M.I., Henriques-Rodrigues, L., Fraga Alves, M.I. and Manjunath, B.G. (2013). Adaptive PORT-MVRB Estimation: an Empirical Comparison of two Heuristic Algorithms. *J. Statist. Comput. and Simul.* 83:6, pp. 1129-1144 <http://dx.doi.org/10.1080/00949655.2011.652113>
- Gomes, M.I., Martins, M.J. and Neves, M. (2013). Generalized Jackknife-based Estimators for Univariate Extreme-Value Modelling. *Communications in Statistics: Theory and Methods* 42:7, pp. 1227-1245. <http://dx.doi.org/10.1080/03610926.2012.725263>
- Gonçalves-Pereira, M., Trancas, B., Papoila, A. and Caldas-de-Almeida, J.M. (2013). Empathy as related to motivations for medicine in a sample of first-year medical students. *Psychological Reports*, 112, pp. 73-88 <http://www.ncbi.nlm.nih.gov/pubmed/23654028>
- Gonçalves-Pereira, M., Xavier, M., van Wijngaarden, B., Papoila, A.L., Schene, A.H., Caldas-de-Almeida, J.M. (2013). Impact of psychosis on Portuguese caregivers: a cross-cultural exploration of burden, distress, positive aspects and clinical-functional correlates. *Social Psychiatry and Psychiatric Epidemiology*, 48 (2), pp. 325-335. <http://www.ncbi.nlm.nih.gov/pubmed/22648702>
- Hammoudeh, S., Araújo Santos, P. and Al-Hassan, A. (2013). Downside risk management and VaR-based optimal portfolios for precious metals, oil and stocks. *The North American Journal of Economics and Finance* 25, pp. 318-334. <http://dx.doi.org/10.1016/j.najef.2012.06.012>
- Inacio Vanda, Alejandro Jara, Timothy E. Hanson, and Miguel de Carvalho (2013). Bayesian Nonparametric ROC Regression Modeling. *Bayesian Analysis* 8, 6 23-646, DOI:10.1214/13-BA825 <http://ba.stat.cmu.edu/journal/2013/vol08/issue03/carvalho.pdf>
- Langrock, R., Marques, T.A., Baird, R. & Thomas, L. (2013). Modeling the diving behavior of whales: a latent-variable approach with feedback and semi-Markovian components. *Journal of Agricultural, Biological, and Environmental Statistics*. <http://dx.doi.org/10.1007/s13253-013-0158-6>
- P. Lefere, C. Silva, S. Gryspeerdt, A. Rodrigues, R. Vasconcelos, R. Teixeira, F.H. De Gouveia (2013). Teleradiology based CT colonography to screen a population group of a remote island, at average risk for colorectal cancer. *European Journal of Radiology* 82:6, e262-e26. <http://www.sciencedirect.com/science/article/pii/S0720048X13000806>

- 2013 Maiga, B., Dolo, A., Touré, O., Dara, V., Tapily, A., Campino, S., Sepúlveda, N., Risley, P., Corran, P., Rockett, K.A., Kwiatkowski, D.P. (2013). The MalariaGEN Consortium, Clark, T.G., Troye Blomberg, M. and Doumbo, O.K. (2013). Human candidate polymorphisms in sympatric ethnic groups differing in malaria susceptibility in Mali. *PLoS One* 8:e75675. <http://dx.doi.org/10.1371/journal.pone.0075675>
- 2013 Marques, T.A., Buckland, S.T., Bispo, R. & Howland, B. (2013). Accounting for animal density gradients using independent information in distance sampling surveys. *Statistical Methods & Applications*, 22:67-80 <http://link.springer.com/article/10.1007%2Fs10260-012-0223-2>
- 2013 Marques, J.T., Pereira, M. R., Marques, T.A., Santos, C.D., Santana, J., Beja, P. and Palmeirim, J.M. (2013). Optimizing sampling design to deal with mist-net avoidance in amazonian birds and bats. *PLoS One*, 8:e74505. <http://dx.doi.org/10.1371/journal.pone.0074505>
- 2013 Marques, T.A., Thomas, L., Martin, S. W., Mellinger, D.K., Ward, J.A., Moretti, D., Harris, D. and Tyack, P. (2013). Estimating animal population density using passive acoustics. *Biological Reviews*, 88:287-309. <http://dx.doi.org/10.1111/brv.12001>
- 2013 Martin, S. W., Marques, T.A., Thomas, L., Morrissey, R.P., Jarvis, S., Dimarzio, N., Moretti D. and Mellinger, D.K. (2013). Estimating minke whale (*Balaenoptera acutorostrata*) bearing sound density using passive acoustic sensors. *Marine Mammal Science*, 29: 142-158. <http://dx.doi.org/10.1111/j.1748-7692.2011.00561.x>
- 2013 Martins Hugo, Marlene Carreiras, M. Margarida Ribeiro, Paulo Sousa, Carina Silva-Fortes (2013). The influence of the blood pressure on the venous cerebral flow measured by magnetic susceptibility (SWI) technique. *J. Biomedical Science and Engineering*, 6, pp. 426-434. <http://www.highbeam.com/doc/1P3-2998087431.html>
- 2013 Martins, I., Ye, M., Constantino, M., Fonseca, M.C., and Cadima, J. (2012). "Modelling target volume flows in forest harvesting scheduling subject to maximum area restriction", *TOP*, July 2012 (publication online 21.7.12), doi: 10.1007/s11750-012-0260-x <http://link.springer.com/article/10.1007/s11750-012-0260-x>
- 2013 Martins, J.P., Felgueiras M., Santos, R. (2013). Meta-analysis techniques applied in prevalence rate estimation, *Discusiones Mathematicae. Probabilidad y Statistics* 33, p. 79-97. <http://dx.doi.org/10.7151/dmps.1151>
- 2013 Mazedo Gil, P.R. and Figueiredo, F. (2013). Firm size distribution under horizontal and vertical innovation. *Journal of Evolutionary Economics* 23:1, p p. 129-161. <http://link.springer.com/article/10.1007/s00191-011-0246-0>
- 2013 Oliveira Sofia L. J., Turkman M.A. Amaral, Pereira José M.C. (2013) An analysis of fire frequency in tropical savannas of northern Australia, using a satellite-based fire atlas. *International Journal of Wildland Fire* 22, pp. 479-492. <http://www.publish.csiro.au/nid/114/paper/WF12021.htm>
- 2013 Pacheco D, Travassos AR, de Almeida L.S., Silva R., Filipe P. (2013). Solitary T-cell pseudolymphoma of the breast, treated by PUVA. *Eur J Dermatol*. 23(3):397-8. PubMed PMID: 23747803. <http://dx.doi.org/10.1684/ejd.2013.2043>
- 2013 Paulino, C.D., Silva, G.L. and Branco, M. (2013). A fully Bayesian parametric approach for cytogenetic dosimetry. *Brazilian Journal of Probability and Statistics*, 27, 1, pp. 70-83. <http://projecteuclid.org/euclid.bjps/1350394630>
- 2013 Penalva, H., Neves, M. and Nunes, S. (2013). Topics in Data Analysis Using R in Extreme Value Theory. *Advances in Methodology and Statistics* 10:1, pp. 17-29. <http://www.stat-d.si/mz/Articles.html>
- 2013 Pereira C.P., Caldas R., and Pestana D. (2013). Legal Medical Age Estimation in Portuguese Adult Cadavers: Evaluation of the Accuracy of Forensic Dental Invasive and Non-Invasive Methods. *J Forensic Sci Criminol* 1: 1-6. <http://www.anexpublishers.com/articles/JFSC/volum-e-1-issue-2/Legal-medical-age-estimation-in-portuguese-adult-cadavers-evaluation-of-the-accuracy-of-forensic-dental-invasive-and-non-invasive-methods.pdf>
- 2013 Pereira, E., Figueira, C., Aguiar, N., Vasconcelos, R., Vasconcelos, S., Calado, G., Barandão, J., Prada, S. (2013) Microbiological and mycological beach sand quality in a volcanic environment: Madeira archipelago, Portugal. *Science of the Total Environment* 461-462, pp. 469-479 <http://www.sciencedirect.com/science/journal/00489697/461-462>
- 2013 Pereira P., Turkman, K.F., Amaral Turkman, M.A., Sa, A. and J.M.C. Pereira (2013) Quantification of annual wildfire risk; A spatio-temporal point process approach. *Statistica*, 73, pp. 55-68. <http://rivista-statistica.unibo.it/article/view/3985/3423>
- 2013 Pestana, D. (2013). *Statistics Quantum Satis*, *Acta Medica Portuguesa*, 26(5), 499-504. <http://www.actamedicaportuguesa.com/revista/index.php/amp/article/view/4946/0>
- 2013 Pinto, A.E., Areia, F., Pereira, T., Cardoso, P., Aparício, M., Silva, G.L., Ferreira, M.C. and André, S. (2013). Clinical relevance of the reappraisal of negative hormone receptor expression in breast cancer. *SpringerPlus*, 2, 375. <http://www.springerplus.com/content/2/1/375>
- 2013 Pinto, A.E., Pereira, T., Santos, M., Branco, M., Dias, A., Silva, G.L., Ferreira, M.C. and André, S. (2013). DNA ploidy is an independent predictor of survival in breast invasive ductal carcinoma: a long-term multivariate analysis of 393 patients. *Annals of Surgical Oncology*, 220, pp. 1530-1537 <http://link.springer.com/content/pdf/10.1245%2Fs10434-012-2804-6>
- 2013 Prada, S., Menezes de Sequeira, M., Figueira, C., Vasconcelos, R. (2013). Reply to Comment on "Cloud water interception in the high altitude tree heath forest (*Erica arborea* L.) of Paul da Serra Massif (Madeira, Portugal)". *Hydrological Processes* 27 (10) pp. 1518-1522 <http://onlinelibrary.wiley.com/doi/10.1002/hyp.9715/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false>
- 2013 Robles, R.P., Diéguez, E.D., Ballabriga, M.C.J., Caldeira da Silva, P., Papoila, A.L. and Virella, D. (2013). The Role of Sensory Modulation Deficits and Behavioral Symptoms in a Diagnosis for Early Childhood. *Child Psychiatry & Human Development* 44 (3): pp. 400-411. <http://www.ncbi.nlm.nih.gov/pubmed/23053616>

- Springer.
- 2013 Rocha, J. Leonel, and Aleixo, S.M. (2013). An Extension of Gompertzian Growth Dynamics: Weibull and Fréchet Models, *Mathematical Biosciences and Engineering*, 10, 2 (2013), 379-398. (DOI 10.3934/mbe.2013.10.379) http://www.aims sciences.org/journals/displayArticle_snew.jsp?paperID=8172
- 2013 Rocha, J. Leonel, and Aleixo, S.M. (2013). Dynamical Analysis in Growth Models: Blumberg's Equation, *Discrete & Continuous Dynamical Systems - Series B*, 18, 3(2013), 783-795. (DOI 10.3934/dcdsb.2013.18.783) https://www.aims sciences.org/journals/displayArticle_snew.jsp?paperID=8131
- 2013 Rocha, J. Leonel, Fournier-Prunaret, D., and Abdel-Kaddous Taha (2013). Strong and Weak Allee Effects and Chaotic Dynamics in Richards' Growths, *Discrete & Continuous Dynamical Systems - Series B*, 18, 9 (2013), 2397-2425. https://www.aims sciences.org/journals/displayArticle_snew.jsp?paperID=8992
- 2013 Sepúlveda, N., Campino, S.G., Assefa, S., Sutherland, C., Pain, A. and Clark, T.G. (2013). A Poisson mixture modelling approach to detecting copy number variation in whole sequence coverage data. *BMC Genomics*, 14:128 <http://dx.doi.org/10.1186/1471-2164-14-128>
- 2013 Soto, K., Papoila, A.L., Coelho, S., Bennett, M., Ma, Q., Rodrigues, B., Fidalgo, P., Frade, F. and Devarajan, P. (2013). Plasma NGAL for the Diagnosis of AKI in Patients Admitted from the Emergency Department Setting. *Clinical Journal of the American Society of Nephrology*, 8, pp. 2053-63. <http://www.ncbi.nlm.nih.gov/pubmed/24009223>
- 2013 Timóteo, A.T., Lousinha, A., Labandeiro, J., Miranda, F., Papoila, A.L., Oliveira, J.A., Ferreira, M.L. and Ferreira, R.C. (2013). Serum uric acid: a forgotten prognostic marker in acute coronary syndromes? *European Heart Journal: Acute Cardiovascular Care*, 2(1), pp. 44-52. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3760573/>
- 2013 Timóteo, A.T., Papoila, A.L., Lopes, J.P., Oliveira, J.A., Ferreira, M.L., Cruz Ferreira, R. (2013). Is it possible to simplify risk stratification scores for patients with ST-segment elevation myocardial infarction undergoing primary angioplasty? *Revista Portuguesa de Cardiologia* 32, pp. 967-73. ISSN: 0870-2551 <http://www.ncbi.nlm.nih.gov/pubmed/24275234>
- 2013 Travassos AR, Soares-de-Almeida L. (2013). Residents' corner July 2013. *DeRmpath & Clinic: Differential diagnosis in subepidermal bullous diseases*. *Eur J Dermatol*. 2013 Jul-Aug;23(4):573-4. PubMed PMID: 24047586 <http://dx.doi.org/10.1684/ejd.2013.2110>
- 2013 Vasconcelos, J., Freire, E., Almendra, R., Silva, G.L. and Santana, P. (2013). The impact of winter cold weather on acute myocardial infarctions in Portugal. *Environmental Pollution*, 183, pp. 14-18. <http://www.sciencedirect.com/science/article/pii/S0269749113000523>
- 2013 Vidal, M., Carvalho, C. & Bispo, R. Use of complementary and alternative medicine in a sample of women with breast cancer. *Journal of Alternative and Complementary Medicine*. <http://sgo.sagepub.com/content/3/3/215824401350249>
- 2013 Caeiro, F. and Gomes, M.I. (2013). On the Selection of the Tuning Parameter of a Moment Estimator of the Extreme Value Index. In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), *Numerical Analysis and Applied Mathematics ICNAAM 2013, AIP Conference Proceedings 1558, American Institute of Physics, ISBN 978-0-7354-1089-3, 801-804*. <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4825616>
- 2013 Caeiro, F. and Gomes, M.I. (2013). The role of bootstrap methodologies in the estimation of a negative extreme value index (6 pages). In *59th ISI World Statistics Congress Proceedings and Bull. Internat. Statist. Inst. LXV (Electronic publication)* <http://www.statistics.gov.hk/wsc/IPS010-P3-S.pdf>
- 2013 Ferreira, A., Cardoso, R.M., Soares, P.M.M. and Belo-Pereira, M. (2013). Estimation of extreme events from spatial rainfall data (5 pages). In *59th ISI World Statistics Congress Proceedings and Bull. Internat. Statist. Inst. LXV (Electronic publication)* Ferreira, A., Cardoso, R.M., Soares, P.M.M. and Belo-Pereira, M. (2013). Estimation of extreme events from spatial rainfall data (5 pages). In *59th ISI World Statistics Congress Proceedings and Bull. Internat. Statist. Inst. LXV (Electronic publication)* <http://www.statistics.gov.hk/wsc/STS007-P1-S.pdf>
- 2013 Gomes, M.I., Ferreira, M. and Leiva, V. (2013). The extreme value Birnbaum-Saunders model in athletics (6 pages). In *59th ISI World Statistics Congress Proceedings and Bull. Internat. Statist. Inst. LXV (Electronic publication)* <http://www.statistics.gov.hk/wsc/STS084-P2-S.pdf>
- 2013 Gomes, M.I., Reis, P., Canto e Castro, L. and Dias, S. (2013). Reliability Control of Complex Systems Through Penultimate Approximations. In Bakhtadze, Natalia; Chernyshov, Kirill; Dolgui, Alexandre; Lototsky, Vladimir (eds.), *Manufacturing Modelling, Management, and Control, Vol. 7, 7th IFAC Conference on Manufacturing Modelling, Management, and Control*, DOI: 10.3182/20130619-3-ru-3018.00191, ISBN: 9783902823359, 916-921 <http://www.ifac-papersonline.net/Detailed/60119.ht ml>
- 2013 Lobo Pereira, J.A., Ferreira, M.C. and Oliveira, T.A. (2013). Assessing Risk Factors for Periodontitis Using Regression. In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), *Numerical Analysis and Applied Mathematics ICNAAM 2013, AIP Conference Proceedings 1558, American Institute of Physics, ISBN 978-0-7354-1089-3, 1901-1904*. <http://dx.doi.org/10.1063/1.4825903>
- 2013 Oliveira, T.A., Oliveira, A. and Correia, H. (2013). Beyond balanced incomplete block designs: Addressing challenges, connections, applications and R (6 pages). In *59th ISI World Statistics Congress Proceedings and Bull. Internat. Statist. Inst. LXV (Electronic publication)* <http://www.statistics.gov.hk/wsc/CPS205-P38-S.pdf>

- Oliveira, A., Oliveira, T.A. and Seijas-Macias, J.A. (2013). The influence of ratios and combined ratios on the distribution of the product of two independent Gaussian random variables (6 pages). In 59th ISI World Statistics Congress Proceedings and Bull. Internat. Statist. Inst. LXV (Electronic publication) <http://www.statistics.gov.hk/wsc/CPS205-P39-S.pdf>
- Poleto, F., Singer, J., Paulino, C.D. and Molenberghs, G. (2013). Semi-parametric Bayesian analysis of binary responses with a continuous covariate subject to non-random missingness. Extended Abstract in 59th World Statistics Congress of the International Statistical Institute, Hong-Kong, 25-30 August 2013. <http://www.statistics.gov.hk/wsc/CPS201-P26-S.pdf>
- Prata Gomes, D. and Neves, M.M. (2013). Reduced bias and threshold choice in the extremal index estimation through resampling techniques. In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2013, AIP Conference Proceedings 1558, American Institute of Physics, ISBN 978-0-7354-1089-3, 805-808. <http://dx.doi.org/10.1063/1.4825617>
- Ramos, M.R. and Cordeiro, C. (2013). Trend tests in time series with missing values: a case study with imputation. In T. E. Simos, G. Psihoyios, Ch. Tsitouras and Z. Anastassi (eds.), Numerical Analysis and Applied Mathematics ICNAAM 2013, AIP Conference Proceedings 1558, American Institute of Physics, ISBN 978-0-7354-1089-3, 1909-1912. <http://dx.doi.org/10.1063/1.4825905>
- Rolha, P.B., Oliveira, T., Oliveira, A. and Rolha, A. (2013). Simple visualization techniques and statistical data analysis in prenatal diagnosis (5 pages). In 59th ISI World Statistics Congress Proceedings and Bull. Internat. Statist. Inst. LXV (Electronic publication) <http://www.statistics.gov.hk/wsc/CPS201-P35-S.pdf>
- Silva, G.L. and Dias, M.I. (2013). A Bayesian spatio-temporal analysis of forest fires in Portugal. Extended Abstract in 59th World Statistics Congress of the International Statistical Institute, Hong-Kong, 25-30 August 2013. <http://www.statistics.gov.hk/wsc/CPS204-P5-S.pdf>
- Silva, G., Gonçalves, L., Oliveira, P., (2013) Programa e Resumos de Biometria 2013, Sociedade Portuguesa de Estatística, ISBN 978-972-8890-29-2. <http://www.ceaul.fc.ul.pt/files/livroresumoseb2013.pdf>
- Agudelo-Romero, P., Erban, A., Sousa, L., Pais, M.S., Kopka, J. and Fortes, A.M. (2013). Search for transcriptional and metabolic markers of grape ripening and insights into specific aroma development in three Portuguese cultivars. PLoS ONE 8(4): e60422. (doi:10.1371/journal.pone.0060422) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3614522/pdf/pone.0060422.pdf>
- J.H.J. Einmahl, L. de Haan and A. Krajina (2013). Estimating extreme multivariate quantile regions. Extremes, 16, 121-146. <http://link.springer.com/journal/10687/16/2/page/1>
- L. de Haan, C. G. de Vries and C. Zhou (2013). The number of active bidders in Internet auctions, Journal of Economic Theory, 148, 1726-1736 <http://www.sciencedirect.com/science/article/pii/S0022053113000835>
- Nunes B, Natário I, Lucília Carvalho, M. (2013). "Nowcasting influenza epidemics using non-homogeneous hidden Markov models". Stat Med. 2013 Jul 10;32 (15):2643-60. doi: 10.1002/sim.5670. <http://www.ncbi.nlm.nih.gov/pubmed/23124850>
- Gonçalves, M.H., and Cabral, M.S. (2013). cold: a package for Count Longitudinal Data. Version 1.0-3. <http://CRAN.R-project.org/package=cold>
- Gonçalves, M.H., Cabral, M.S., and Azzalini, A. (2013). bild: a package for Binary Longitudinal Data, Version 1.1-3. <http://CRAN.R-project.org/package=bild>
- Manjunath, B.G. and Caeiro, F.—with guidance of Gomes, M.I. and Fraga Alves, M.I. (2013). evt0: Mean of order p, peaks over random threshold Hill and high quantile estimates. Version 1.1-3 (24/12/2013). <http://cran.r-project.org/web/packages/evt0/index.html>
- Poleto, F., Singer, J., Paulino, C.D., Correa, F. and Jelihovschi, E. (2013). Package ACD: Categorical data analysis with complete or missing responses. Version 1.5.3 CRAN (Comprehensive R Archive Network). <http://cran.r-project.org/web/packages/ACD/index.html>
- Gomes, M.I., Fraga Alves, M.I. & Neves, C. (2013). Análise de Valores Extremos: uma Introdução. Edições S.P.E. & I.N.E. (viii 267 pages), ISBN: 978-972-8890-30-8 [URL: http://winlib.ine.pt/winlib/cgi/winlib.exe?sk=ey=&pesq=2&doc=30503](http://winlib.ine.pt/winlib/cgi/winlib.exe?sk=ey=&pesq=2&doc=30503)
- Pestana, P. (2013). Automatic Mixing Systems using Adaptive Digital Audio Effects. Escola das Artes, Universidade Católica, 611 páginas. (with Acknowledgement to FCT: PEst-OE/MAT/UI0006/2011) <http://repositorio.ucp.pt/handle/10400.14/10887>
- Santos, Rui (2013) A Estatística Tem uma História. Edições SPE, CEAL. ISBN: 978-972-8890-33-9 e 978-989-733-037-7. Lisboa: INE <http://winlib.ine.pt/winlib/cgi/winlib.exe?skey=98400063A6074191921D5403840BA951&pesq=3&cap>
- Ventura, C., Pestana, D., Pestana, P. and Gomes, M.I. (2013). Glossários de Termos Estatísticos (Alemão/Francês/Inglês-Português). Instituto Nacional de Estatística, Lisboa (iv 334 pages), ISBN: 978-989-25-0248-9 <http://winlib.ine.pt/winlib/cgi/winlib.exe?skey=98400063A6074191921D5403840BA951&pesq=3&nohist>
- Pestana, D. (2013). Estatística, Ciência e Filosofia da Ciência, in Nabais, N., e Pombo, O. (eds.), O Lugar da Filosofia das Ciências na Universidade de Lisboa, CFC, Lisboa, ISBN 978-989-8247-61-2, pp. 137-176 <http://filcc-ulutl.fc.ul.pt/docs/Estat%20Cienc%20e%20Filos%20Cienc.pdf>
- Pestana, D. (2013). Mentiras, Mentiras do Caraças e Estatística, prefácio a Como Mentir com Estatística, Gradiva, pp. 13-37 <http://www.gradiva.pt/?q=C/BOOKSSHOW/7406>
- Pestana, D., Ventura, C., e Sequeira, F. (2013). Tradução Científica,

- 2013 Técnica e de Divulgação nas Áreas de Probabilidade e Processos Estocásticos, Est atística e Aplicações. In Ventura, C., Pestana, D, Gomes, M.I., e Pestana, P.: Glossário de Termos Estatísticos (Alemão/Francês/Inglês/Português), Ins tituto Nacional de Estatística, Lisboa, ISBN: 978-989-25-0248-9, pp. 325-334. <http://winlib.ine.pt/winlib/cgi/winlib.exe?skey=98400063A6074191921D5403840BA951&pesq=3&nohist=>
- 2013 Carvalho, M.L. (2013). Francis Galton. In Dezassete estatísticos para 12 meses, p.4-5. (Editor. Emilia Athaide). Edição da Sociedade Portuguesa de Est atística. ISBN: 978-972-8890-28-5 <http://hdl.handle.net/1822/25089>
- 2013 Carvalho, M.L. (2013). Jerzy Neyman. In Dezassete estatísticos para 12 meses, p.12-13. (Editor. Emilia Athaide). Edição da Sociedade Portuguesa de Est atística. ISBN: 978-972-8890-28-5. URL: <http://hdl.handle.net/1822/25089>.
- 2013 Gomes, M.I. (2013). M.G. Kendall, A.N. Kolmogorov. In E. Athayde, ed., Dezassete Estatísticos para 12 Meses, SPE editions, Lisboa, ISBN: 978-972-8890-28-5. <http://hdl.handle.net/1822/25089>
- 2013 Pestana, D. (2013). Jacques Bernoulli, Sir Ronald Fisher, Marquês de Laplace, Karl Pearson, Abraham de Moivre. In E. Athayde, ed., Dezassete Estatísti cos para 12 Meses, SPE editions, Lisboa, ISBN: 978-972-8890-28-5. <http://hdl.handle.net/1822/25089>
- 2013 Ferreira, F., Galrinho, A., Soares, R., Branco, L., Abreu, J., Feliciano, J. Papoila, A.L., Virella, D., Leal, A. and Cruz Ferreira, R. (2013). Prognostic value of left atrial volume in patients with dilated cardiomyopathy | O volume da aurícula esquerda como marcador ecocardiográfico de prognóstico em doentes com miocardiopatia dilatada. Revista Portuguesa de Cardiologia, 32:865-72. <http://www.elsevier.pt/pt/revistas/revista-portugu-cardiologia-334/artigo/o-volume-da-auricula-es-querda-como-marcador-ecocardiografico-90259405>
- 2012 Figueiredo, F., Gomes, M.I., Henriques-Rodrigues, L. and Miranda, C. (2012). "A computational study of a quasi-PORT methodology for VaR based on second-order reduced-bias estimation". J. Statist. Comput. and Simul. 82:4, 587-602. <http://www.tandfonline.com/doi/pdf/10.1080/00949655.2010.547196>

7. Equipamento

Equipamento	Nº Recibo	Data	Observações
Computador Foco Intel i5 2500	203	07-11-2011	
Impressora HP LaserJet Pro	201	07-11-2011	
Computador Foco Intel i-5 2400	4	18-10-2012	
Impressora, Computador Portátil, Presenter, rato, Headphone	29	17-02-2012	
Impressora HP Serie P3015 Laser	22	14-02-2012	
Apple Ipad2 64	0070122012020000/001109	17-02-2012	
MacBook Pro 17" Quad-core i7	1210020	21-02-2012	
iMac 27 Quad-Core i5	1210023	27-02-2012	
Portátil Acer X5820TG	FT ARW582/000740	17-04-2012	
Monitor Samsung 24" Led, Kit teclado, rato Desttop 3000	77	01-06-2012	
Computador NetBook ASUS, Pen USB	86	20-06-2012	
Monitor LCD 20", Teclado, Rato Genius	71448	06-06-2012	
Disco 3.5" 500GB SATA Western Digital	127	14-09-2012	
Impressora HP DeskJet 3070A WIF	0140032012090000/001751	02-09-2012	
Computador ASUS eeeBOX, MS Windows 7 Home Premium	10338	17-10-2012	
Portátil TOSHIBA C8500	FT AUD534/003617	18-10-2012	
Computador Portátil Samsung NP350V5C	167	28-11-2012	
2 Presenter Logitech Wireless R400	166	28-11-2012	
2 MacBook Pro e 1 MacBook Air	121351	05-12-2012	
Computador Portátil Samsung NP355E5C	F14413005297	21-01-2013	
Computador Portátil ASUS K55VJ I7	FT AUD534/005862	08-03-2013	
Computador Portátil Pbell Ente11B	FTACI062/008160	30-03-2013	
Impressora Samsung LaserPrint, Ups Trust	73	11-06-2013	
Computador Portátil ASUS 5400 CA	89	23-07-2013	
Western Disco 1TB 2.5"E	0070042013090000/067814	22-09-2013	
Apple Superdriver	0070042013090000/067937	24-09-2013	
Airport Time Capsule 3TB	1300/000235	21-10-2013	
Computadoar iMac 27" Quad-core	130302	25-10-2013	
Computador Portátil Sony Vaio Fit SVF 15A1Z2E	1300/000256	01-11-2013	
Computador iMac 27" Quad-core	130395	17-12-2013	
Computador Portátil Sony Vaio Multi-Flip	1300/000357	19-12-2013	

Computador DELL Optiplex 9020

1300/000356

19-12-2013

8. Descrição detalhada das actividades desenvolvidas

Nome

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Descrição

detailed report CEAUL 2011-2013

9. Ficheiros Anexos (opcional)

Nome

Ponto do RF

Descrição