

Annex to the 2024 Report

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CEAUL REPORT

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Palmela Pereira C (2024). "The Importance Of Dentistry In Human Identification: Forensic Odontology", 10th International Congress of the School of Dental Medicine University of Zagreb, Zagreb, Croatia, March 8-9,

URL: <https://ascro.hr/wp-content/uploads/2024/03/9-abstracts-SDMZG-2024-1.pdf>

Palmela Pereira C (2024). "Theory and Practice in Age Estimation in the Living", 26th Triennial Meeting IALM,

Athens, Greece, March 8-9, URL: https://convin.gr/assets/files/misc/IALM2024_Abstract%CE%92ook.pdf

Plenary talks (National)

(3)

Andrade G, Coelho A, Silva NR, **Silva C** (2024). "Validação da versão portuguesa do questionário de adesão MyMeds em doentes cardíacos", 15^o Congresso Nacional de Psicologia da Saúde, Egas Moniz School of Health & Science, 31th January to 3rd February.

Gomes MI (2024). “Breve Historial da Escola de Extremos e Aplicações em Portugal (PORTSEA)”, 37º Encontro do Seminário Nacional de História da Matemática, Academia das Ciências de Lisboa, Lisbon, Portugal, June 28-29, URL: <https://sites.google.com/view/37snhm/programa>, Abstract available at:

https://www.researchgate.net/publication/381854921_Breve_Historial_da_Escola_de_Extremos_e_Aplicacoes_em_Portugal_PORTSEA.

Palmela Pereira C (2024). “Archaeological Collection from Academy of Sciences of Lisbon related to the Earthquake of Lisbon 1755: Dental Morphology”, Colloquium Dental Anthropology in Archaeological Human Remains from Portuguese, Brazilian and Croatian Collections, Semana C&T 2024 - Academia das Ciências de Lisboa (ACL)/Centro de Estatística e Aplicações da Universidade de Lisboa (CEAUL), Academia das Ciências de Lisboa, November 18, URL:

<https://webstorage.cienciaviva.pt/public/pt.cienciaviva.www/iniciativas/uploads/29/6836/LhplKVRcXcyk8Njgg357ZySeQ.pdf>

Invited talks (International)

(24)

Borges A, **Cordeiro C**, **Ramos MR**, Carvalho M (2024). “Detecting anomalies in emission trends: A statistical approach for environmental policy in Portugal”, CFE-CMStatistics 2024 (18th International Joint Conference on Computational and Financial Econometrics and Computational and Methodological Statistics), London, 14-16 December, URL: <https://www.cmstatistics.org/CFECMStatistics2024/>

Borges A, **Cordeiro C**, **Ramos MR** and Carvalho M (2024). “Detecting anomalies in emission trends: “A statistical approach for environmental policy in Portugal”, CFE-CMStatistics 2024, London, 14-16 December, URL: <https://www.cmstatistics.org/CFECMStatistics2024/>

Cordeiro, C (2024). “Time Series Forecasting with Bootstrap Magic”, 7th Internacional Conference on Mathematics and Statistics (IcoMS 2024), Amarante, 23-25 June, URL: <https://www.icoms.org/history.html>

Frank Röttger & Abdelaati Daouia, invited discussant **de Haan L** (2024). “EVTA meeting”, Extreme Value Theory and Applications, Tilburg University, The Netherlands, October 16,

Felgueiras M, **Martins JP**, **Santos R** (2024). “Applications of pseudo convex mixtures on failure rates”, 14th International Conference on Statistics, Mathematics and Computation (WSMC14), Lisbon, November 22-23, URL: <https://sites.google.com/view/wsmc14>

Felqueiras M, Martins JP, Santos R (2024). “*Gaussian Mixtures with common Variance*”, 4th International Conference on Applied Mathematics, Computational Science and Systems Engineering, London, April 28 - May 1, URL: <https://www.amcse.org/>

Figueiredo FO, Figueiredo AM and **Gomes MI** (2024). “*Control Charts for Zero-inflated Data*”, ENSPM2024: Encontro Nacional da Sociedade Portuguesa de Matemática, Universidade do Minho, Braga, July, 10-12, URL: <https://enspm2024.spm.pt>

Figueiredo FO and Figueiredo AM (2024). “*EU countries progress in some key areas of sustainable development: a three-way data analysis*”, Workshop in Statistics and Mathematical Computation WSMC 2014, Universidade Aberta, Lisboa, 22-23 November 2024, URL: <https://sites.google.com/view/wsmc14>

Gomes MI, Canto e Castro L, Dias S and Reis P (2024). “*Revisiting the Building of Accurate Reliability Bounds for Large Coherent Systems and Penultimate Behaviour of Extremes*”, III Institute of Mathematical Statistics (IMS) International Conference on Statistics and Data Science (ICS DS), Nice, France, December, 16-19, URL: <https://sites.google.com/view/ims-icsds2024/>, Abstract available at: https://www.researchgate.net/publication/387959849_Revisiting_the_Building_of_Accurate_Reliability_Bounds_for_Large_Coherent_Systems_and_Penultimate_Behaviour_of_Extremes

Henriques-Rodrigues L, **Gomes MI** and Caeiro F (2024). “*New Classes of Reduced-Bias Generalized Hill Estimators*”, III Institute of Mathematical Statistics International Conference on Statistics and Data Science, Nice, France, December 16-19, URL: <https://sites.google.com/view/ims-icsds2024/>

Martins JP, Felqueiras M, Santos R, Amorim A (2024). “*Bile acid loss syndrome screening: a protocol using Pooled Samples*”, 4th International Conference on Applied Mathematics, Computational Science and Systems Engineering, London, April, URL: <https://www.amcse.org/>

Martins JP (2024). “*Metanálise: Como Fazer? Experiência Prática*”, Simpósio Internacional de Ensino e Pesquisa Em Saúde / 4^o Workshop Café Virtual dos Comitês de Ética em Pesquisa, Faculdade CERES de Medicina de São José do Rio Preto, Brazil, September 26-28, URL: <https://www.even3.com.br/5-sieps-e-4-workshop-cafe-virtual/>

Pereira H, Fonseca RJ and **Mouriño H** (2024). “*Kaplan-Meier Estimates and Markov Models in Health Economic Analysis: A Statistical Approach to Business Decisions*”, International Day of Women in Statistics and Data

Science (IDWSDS), A free virtual 24-hour conference, October, 8th, 2024, URL: <https://www.idwsds.org/>, Invited Session in Statistics Helping the Growth of Business.

Oliveira A, **Seijas-Macias JA**, **Oliveira TA** (2024). “*Analysing the distribution of two uncorrelated normally distributed variables with computational simulations*”, 53th International Biometrical Colloquium (IBC2024), Poznan, Poland, September 8-11, 2024, URL: <https://kzmi.up.lublin.pl/ibc53/>

Oliveira A (2024). “*Learning Analytics and Artificial Intelligence in E-learning Environments*”, 2nd International Congress & Exhibition on Current Trends on Science Technology Education, Oludeniz, Turkey, April 21-24, 2024, URL: <https://www.sciteed.org/>

Palmela Pereira C (2024). “*Forensic Odontology: New Proposal of SC inside TC106-Dentistry*”, INTERPOL Disaster Victim Identification Conference, Lyon Interpol Building, Lyon, France, 13-16 May, Ref.: 2024/77/OSA/FPDM/DVI/EK/eo.

Palmela Pereira C (2024). “*Identificação Humana Por Evidências Dentárias: Como Concluir?*”, 16^o CBOL, Aracaju, Brasil, 12-15 November.

Palmela Pereira C (2024). “*Forensic Odontology in 2024: Artificial Intelligence and ISO standards. Artificial Intelligence in Forensic Odontology: Balancing Forensic Odontologist Expertise and Machine Intelligence*”, 10th International Conference of INPAFO, Seema Dental College and Hospital, Rishikesh, India, 13-15 December.

Mendonça S and **Pestana D** (2024). “*Laplace Transforms: Connecting Additive Positive Stable and Extreme Value Stable Fréchet Random Variables*”, WSMC14 - 14th International Conference on Statistics, Mathematics and Computation, Universidade Aberta, Lisbon, Portugal, November 22-23, 2024, URL: <https://sites.google.com/view/wsmc14/home>

Santos R, **Felqueiras M** and **Martins JP** (2024). “*Simulation Assessment of Expectation-Maximization Algorithm in Pseudo-convex Mixtures Generated by the Exponential Distribution*”, 4th International Conference on Applied Mathematics, Computational Science and Systems Engineering, London, United Kingdom, April 29, URL: <https://www.amcse.org/>

Augusto D, Rodrigues A, Carvalho R, Correia M, Nushi V, Salvado F, **Santos R** and **Palmela Pereira C** (2024). “*VGG16-Based Intelligent Image Analysis In Forensic Odontology: Age Classification, Sex Classification And*

Comparative Dental Evidence Identification", IOFOS e-Symposium Artificial Intelligence – Where are we in Forensic Odontology?, Digital, December 7, URL: <https://iofos.eu/i-o-f-o-s-e-symposium-on-artificial-intelligence-where-are-we-in-forensic-odontology/>

São João R (2024). "*Diagnostic Models for Temporomandibular Disorders*", Clinical Medicine Research eConference, Online, April, 22-23, URL: <https://e2clinicalmedicine.theresearchcatalyst.com/>

Silva GL, Krainski E, Rustand D, and Rue H (2024). "*Joint Spatiotemporal Analysis Of Multiple Responses: An Application To Forest Fires In Portugal*", V Workshop on Data Science, Federal University of Lavras, Brazil, 21-23 October 2024, URL: <https://des.ufla.br/eventos/v-workshop-em-data-science>, <https://www.youtube.com/@departamentodeestatisticau1017>

Sousa L (2024) "*The Impact of multiple simultaneous testing in omics studies*", 15th Conference on Dynamical Systems Applied to Biology and Natural Sciences (DSABNS), NOVA University, Portugal, February 6-9. URL: <https://sites.google.com/view/dsabns2024/keynote-speakers>

Invited talks (National)

(5)

Palmela Pereira C (2024). "*O Crime De Violência Doméstica E O Papel Dos Profissionais De Saúde Oral*", 37as Jornadas de Medicina Oral da FMDUL, Faculdade de Medicina Dentária da Universidade de Lisboa, May 28-29.

Palmela Pereira C (2024). "*A relevância da metodologia DVI na casuística DVI recente portuguesa: Medicina Dentária Forense*", 9.º Curso de Formação em Disaster Victim Identification (DVI), INMCLF, Coimbra, March 11-14.

Palmela Pereira C (2024). "*A relevância da metodologia DVI na casuística DVI recente portuguesa: Medicina Dentária Forense*", 10.º Curso de Formação em Disaster Victim Identification (DVI), INMCLF, Coimbra, September 30 - October 3.

Palmela Pereira C (2024). "*Papel do médico dentista no diagnóstico de maus-tratos infantis: enquadramento normativo*", Unidade Pré-clínica 3 (Odontopediatria I) do Mestrado Integrado em Medicina Dentária, Faculdade de Medicina da Universidade de Coimbra, Coimbra, March 12.

Silva C (2024). “*Percursos em Educação Digital e Inovação no ensino da Estatística: Criação de um MOOC*”, Encontro Nacional da Sociedade Portuguesa de Matemática, Braga, Portugal, July 10-12 , URL: <https://enspm2024.spm.pt/>

Contributed talks (International) **(42)**

Aleixo SM, Enguiça RM, Sedas FR, Ferreira PM, Silva AC (2024). “*Regression Models in Lubricant Oil Quality Assessment*”, 24th International Conference on Computational Science and Its Applications (ICCSA 2024), Hanoi, Vietnam, July 1-4, URL: <https://2024.iccsa.org/index.html>. Also, poster presentation at AMIM'24, Foz do Arelho, Portugal, October 4-5, URL: <https://ecmiindmath.org/2024/08/04/amim24-autumn-meeting-of-industrial-mathematics/>

Aleixo SM, Pereira BM, Fernandes TJ, Rodrigues J and Pina M (2024). “*Cluster Analysis for Two HoReCa Channels of a Large Grocery Retail Company*”, 24th International Conference on Computational Science and Its Applications (ICCSA 2024), Hanoi, Vietnam, July 1-4, URL: <https://2024.iccsa.org/index.html>.

Bianchi I, Calosi L, Castiglione F, Grassi S, Nardi E, Rodrigues A, Fonseca I, Aquino J, **Palmela Pereira C** and Pinchi V (2024). “*Post-Mortem Changes In Dental Pulp: Mutations And Histological Alteration As Measures For Post-Mortem Interval (PMI) Estimation*”, 26th Triennial Meeting IALM, Athens, Greece, May 21-23, URL: https://convin.gr/assets/files/misc/IALM2024_Abstract%CE%92ook.pdf.

Brandão J, Lopes MB and **Carrasquinha E** (2024). “*Refining Gene Selection and Outlier Detection in Glioblastoma Based on a Consensus Approach for Regularized Survival Models*”, 11th International Work-Conference on Bioinformatics and Biomedical Engineering (IWBBIO 24), Gran Canaria, Spain, July 15-17, URL: <https://iwbbio.ugr.es/2024/index.html>

Caeiro F and **Gomes MI** (2024). “*Estimation of the Extreme Value Index with Probability Weighted Moments*”, CFE-CMStatistics 2024, King's College, London, UK, December 14-16, URL: <https://www.cmstatistics.org/CFECMStatistics2024/>, Abstract available at: <http://www.cmstatistics.org/CFECMStatistics2024/docs/BoA.pdf?20241126025247>

Caeiro F and **Gomes MI** (2024). “*A Generalized Jackknife Estimator of a Negative Extreme Value Index*”, IX Workshop on Computational Data Analysis and Numerical Methods, Universidade of Évora, Portugal, September

5-7, URL: <https://www.wcdanm2024.uevora.pt/>, Abstract available at: https://www.wcdanm2024.uevora.pt/wp-content/uploads/2024/10/BoA_WCDANM_2024.pdf

Cantú W, Freire C, Rodrigues S, Ferreira S, **Santos R** and Valongo A (2024). “Co-creation Based on Design Thinking as a Trend: the Case of ‘Link Me Up – 1000 Ideas’ Projects”, 25th Annual International Conference of Global Business and Technology Association (GBATA 2024), Lisbon, July 10, URL: <https://easychair.org/smart-program/GBATA2024Conference/>.

Coelho L, Lopes AS, Serrano L, Gaspar M, Vieira M and **Santos R** (2024). “Future Work Skills for Sustainable Packaging Solutions: a Conceptual Framework”, 16th annual International Conference on Education and New Learning Technologies (EDULEARN24), Palmas, Spain, July 3, URL: <https://iated.org/edulearn/>

Coelho L, Lopes AS, Serrano L, Gaspar M, Vieira M and **Santos R** (2024). “Advancing Workforce Skillsets for Sustainable Packaging: a Collaborative Portuguese Initiative”, 17th annual International Conference of Education, Research and Innovation (ICERI2024), Seville, Spain, November 12, URL: <https://iated.org/iceri/>

Cordeiro C, Prata Gomes D, Coelho C, **Neves M** (2024). “Statistical analysis and modelling of extremes in time series”, CFE-CMStatistics 2024 - 18th International Joint Conference on Computational and Financial Econometrics and Computational and Methodological Statistics, London, December 14-16, URL: <https://www.cmstatistics.org/CFECMStatistics2024/>

de Zea Bermudez P, Pereira S, Páscoa P and Gouveia CM (2024). “Compound Extremes and Their Role in Wildfire Dynamics: Insights from Portugal”, 18th PLINIUS Conference on Mediterranean Risks, Chania, Greece, September 30 – October 3, URL: <http://meetingorganizer.copernicus.org/Plinius18/session/50959#Orals>

Ferreira S, **Santos R**, Valongo S, Rodrigues S, Freire C and Cantú W (2024). “Co-creation Innovation in HEIs as a Tool to Develop New Students’ Competences and Skills”, 25th Annual International Conference of Global Business and Technology Association (GBATA 2024), Lisbon, July 12, URL: <https://easychair.org/smart-program/GBATA2024Conference/>

Figueiredo FO, Figueiredo AM and **Gomes MI** (2024). “Control Charts for Zero-inflated Models”, JOCLAD 2024, ESTG-Politécnico de Leiria, Portugal, April 18-20, URL: <https://sites.google.com/view/joclad2024/apresenta%C3%A7%C3%A3o>, Abstract available at: <http://drive.google.com/file/d/14OJYHqrWLOW1uAixtSNo3kE-NGci5KVK/view>

Figueiredo FO, Figueiredo AM and **Gomes MI** (2024). “Control charts for data sets with an excessive number of zeros”, SMTDA 2024 - 8th Stochastic Modeling Techniques and Data Analysis International Conference and Demographics 2024 Workshop, Chania, Crete, Greece & online, June 4-7,

URL: <http://www.smta.net/smta2024.html>

Figueiredo FO and Figueiredo AM (2024). “Multivariate analysis of some circular economy indicators”, Workshop on Computational Data Analysis and Numerical Methods, WCDANM 2024, University of Évora, Évora, Portugal, September 5-7, URL: <https://www.wcdanm2024.uevora.pt/>

Figueiredo FO and Figueiredo AM (2024). “EU progress towards the SDGs 2030: a multivariate glance”, 22nd International Conference of Numerical Analysis and Applied Mathematics (ICNAAM2024), Galaxy Hotel, Heraklion Greece, September 11-17, URL: https://history.icnaam.org/icnaam_2024/icnaam.org/index.html.

Gomes MI, Caeiro F and Henriques-Rodrigues L (2024). “Further Results on the Location Invariant Estimation of the Weibull Tail Coefficient”, SMTDA 2024, Chania, Crete, Greece, June 4-7, URL: <http://www.smta.net/>,

Abstract available at:

http://www.researchgate.net/publication/381316275_Further_Results_on_the_Location_Invariant_Estimation_of_the_Weibull_Tail_Coefficient

Henriques-Rodrigues L, Caeiro F and **Gomes MI** (2024). “A Comparative Study of Several Classes of Reduced-bias Extreme Value Index Estimators with Applications”, IX Workshop on Computational Data Analysis and Numerical Methods, Universidade de Évora, Portugal, September 5-7,

URL: <https://www.wcdanm2024.uevora.pt/>, Abstract available at: https://www.wcdanm2024.uevora.pt/wp-content/uploads/2024/10/BoA_WCDANM_2024.pdf

Henriques-Rodrigues L, Caeiro F and **Gomes MI** (2024). “Accounting for Bias in Extreme Value Index Estimation: Applications in Environmental Science”, 2nd International Workshop on Mathematics and Physical Sciences, Universidade of Évora, Portugal, July 10-11, URL: <https://www.2iwmps24.uevora.pt/>, Abstract available at: <https://www.2iwmps24.uevora.pt/wp-content/uploads/2024/06/Liqia-Henriques-Rodrigues.pdf>

Lopes AS, Sargento A, **Santos R** and Andrade R (2024). “The Role of Unemployment in Explaining Local Income disparities”, Regional Innovation Ecosystems and Sustainable Development, School of Technology and Management, Polytechnic University of Leiria, June 27, URL: <https://www.apdr.pt/congresso/2024/index.html>

Martins AM, Juan LFV, Santos M, **Martins JP** (2024). “*Immunogenicity as a Predictor of Influenza Vaccine Efficacy*”, 24th International Conference Computational and Mathematical Methods in Science and Engineering, Rota, Spain, July 2-7, URL: <https://cmmse.usal.es>

Martins R (2024). “*An Underrated Prior Distribution for Proportions. The Logistic–Normal for Dynamical Football Predictions*”, IWSM: International Workshop on Statistical Modelling 2024, Durham, UK, July 14-19, URL: <https://maths.dur.ac.uk/iwsm2024/>

Miranda C, Souto de Miranda M and **Gomes MI** (2024). “*New Approaches to Extremal Index Estimation*”, ICAMCS 2024: International Conference on Applied Mathematics and Computer Science, Venice, Italy, September 28-30, URL: <http://icamcs.co/index.php>

Mujal-Colilles A, Mendo T, Stounerberg J, Glemarec G, Egekvist J, Mugerza E, **Rufino MM**, Swift R and James M (2024). “*Detecting mooring sites used for SSF*”, ICES Annual Meeting, UK, September 9-12. URL: <https://www.ices.dk/events/asc/2024/Pages/default.aspx>

Neves M, Prata Gomes D and **Cordeiro C** (2024). “*Geostatistics for spatial extremes: recent approaches*”, Geostats2024, Ponta Delgada - Azores, September 2-6, URL: <https://geostats2024.com/>

Nushi V, Rodrigues A, Augusto D, **Santos R**, Oliveira A, Francisco A, Salvado F, Brkic H and **Palmela Pereira C** (2024). “*Dental Age Assessment Through Learning Machine Approach*”, 76th Annual AAFS Scientific Conference, Denver, Colorado, United States of America, February 19-24, URL: <https://www.aafs.org/article/76th-annual-conference-what-you-need-know>

Oliveira A (2024). “*Evaluación del conocimiento en la educación a distancia: desafíos en el contexto de la Inteligencia Artificial (IA)*”, Oitavas Jornadas de Experiencias e Innovación Docente en Estadística y Matemáticas, UNED, Úbeda, Spain, October 17-19, URL: https://multiweb.uned.es/w39781/actividad_programa

Oliveira A (2024). “*Challenges in distance learning with Generative Artificial Intelligence*”, The 4th International Conference on Robotics, Automation and Intelligent Control, Dubai (Online), November 20-22, URL: <https://www.icraic.org/>

Palmela Pereira C (2024). “*The age Assessment Procedure and Results of the Age Assessment: Where is the Dental Age Assessment?*”, 76th Annual AAFS Scientific Conference, Denver, Colorado, United States of America, February 19-24, URL: <https://www.aafs.org/article/76th-annual-conference-what-you-need-know>

Páscoa P, Pereira S, Gouveia CM and **de Zea Bermudez P** (2024). “*The link between temperature and wind extremes with fire activity in Portugal in the 21st century*”, 18th PLINIUS Conference on Mediterranean Risks, Chania, Greece, September 30 – October 3, URL:

<http://meetingorganizer.copernicus.org/Plinius18/session/50959#Orals>

Pereira H, **São João R**, Pereira A (2024). “*Fundraising nas Instituições Particulares de Solidariedade Social: os Casos da ABEP, ADESBA e APPDA-LEIRIA*”, XXI AECA International Meeting - Managing uncertainty: economic, social and environmental dimensions, Faro, Portugal, September 19-20,

URL: <https://xxiencuentro.aeca.es/>

Pereira A, **São João R**, Ferreira L (2024). “*Análise dos Ativos Intangíveis com Origem em Investigação & Desenvolvimento e do Valor Acrescentado Bruto na Indústria Portuguesa do Vestuário*”, XXI AECA International Meeting - Managing uncertainty: economic, social and environmental dimensions, Faro, Portugal, September 19-20, URL: <https://xxiencuentro.aeca.es/>.

Prata Gomes D, **Cordeiro C**, **Neves M** (2024). “*Statistical analysis of extreme geostatistical data: Challenges and advances*”, CFE-CMStatistics 2024 - 18th International Joint Conference on Computational and Financial Econometrics and Computational and Methodological Statistics, London, December 14-16,

URL: <https://www.cmstatistics.org/CFECMStatistics2024/>

Prata Gomes D and **Neves M** (2024). “*More Accurate Extremal Index Estimation with Jackknife Techniques*”, IX Workshop on Computational Data Analysis and Numerical Methods (WCDANM), University of Évora, Évora, September 5-7, URL: <https://www.wcdanm2024.uevora.pt/>

Receveur A, Albouy C, Leprieur F, Ellingsen KE, Keith D, Kleisner KM, McLean M, Mérigot B, Mills KE, Mouillot D, **Rufino MM**, Trindade-Santos I, Van Hoey G and Auber A (2024). “*Long-term changes in taxonomic and functional composition of European marine fish communities*”, ICES Annual Meeting, Newcastle, UK, September 9-12. URL: <https://www.ices.dk/events/asc/2024/Pages/default.aspx>

Rocha JL, **Carvalho S** and **Coimbra B** (2024). “*Influencers Detection in a Weighted Social Network based on an Evidential Centrality Measure*”, 17th International Conference on Non Linear Analysis and Modeling: Theory and Applications, CHAOS 2024, Heraklion, Crete, Greece, June 11-14,

URL: <http://www.cmsim.org/chaoschania2024.html>

Rocha JL, **Carvalho S** and **Coimbra B** (2024). “*SIR and SIS Epidemic Dynamics on Social Random Networks*”, 6th European Congress on Infectious Diseases, Amsterdam, Netherlands, October 3-4, URL: <https://crgconferences.com/infectiousdiseases/2024/>

Rocha JL, Taha A-K and Abreu S (2024). “*Lambert W functions in the analysis of nonlinear dynamics of a 2D gamma-Ricker model*”, International Workshop on Nonlinear Maps and their Applications, NOMA'24, University of Porto, Portugal, January 17-19, URL: <https://www.noma24.uevora.pt/>.

Rodrigues S, Cantú W, Ferreira S, Freire C, **Santos R** and Valongo A (2024). “*Linking Up Co-Creation Approaches in HEIs, with Multidisciplinary Student Teams, Companies, and Reachers: the Case of the Link Me Pp – 1000 Ideias Project*”, 25th Annual International Conference of Global Business and Technology Association (GBATA 2024), Lisbon, July 10, URL: <https://easychair.org/smart-program/GBATA2024Conference/>.

Rufino MM, Samarão J and Gaspar MB (2024). “*Spatio-temporal dynamics of small-scale fisheries using high resolution tracking data: a case study of the bivalve dredges in Portugal*”, ICES Annual Meeting, UK, September 9-12. URL: <https://www.ices.dk/events/asc/2024/Pages/default.aspx>

Samarão J, Garcia C, Gaspar MB and **Rufino MM** (2024). “*Unveiling the gears used in small-scale fisheries landings with data from a different country, and associated taxa profiles using machine learning.*”, ICES Annual Meeting, UK, September 9-12. URL: <https://www.ices.dk/events/asc/2024/Pages/default.aspx>

Silva GL (2024). “*Joint Mixed Models for Different Format Outcomes*”, XXV Brazilian Symposium on Probability and Statistics, Fortaleza, Brazil, 5-9 August 2024, URL: <https://www.even3.com.br/sinape2024/>

Contributed talks (National)

(14)

Abreu AM, **Sousa-Ferreira I** and **Rocha C** (2024). “*Inclusion of a shared frailty in gap time models*”, CIMA Annual Meeting 2024, Funchal, Portugal, February 2-3, URL: <http://ccm.uma.pt/cima2024/>

Coelho A, **Silva C**, Andrade M (2024). “*Cross-Cultural Adaptation and Psychometric Validation of the MyMEDs Questionnaire for Cardiac and Diabetic Portuguese Patients*”, VI H&TRC BootCamp2024, Tomar, Portugal, 11 September.

Figueiredo AM and **Figueiredo FO** (2024). “*Classification rules for a folded Watson distribution*”, XXXI Meeting of the Portuguese Association for Classification and Data Analysis (JOCLAD 2024), Instituto Politécnico de Leiria, ESTG, Portugal, April 18-20, URL: <https://sites.google.com/view/joclad2024>

Figueiredo FO, Figueiredo AM and **Gomes MI** (2024). “*Control charts for zero-inflated data*”, Encontro Nacional da Sociedade Portuguesa de Matemática, ENSPM 2024, Universidade do Minho, Braga, Portugal, July 10-12, URL: <https://enspm2024.spm.pt/>

Figueiredo FO and Figueiredo AM (2024). “*Control charts for zero-inflated models*”, XXXI Meeting of the Portuguese Association for Classification and Data Analysis (JOCLAD 2024), Instituto Politécnico de Leiria, ESTG, Portugal, April 18-20, URL: <https://sites.google.com/view/joclad2024>

Lau B, Ramos D, Afreixo V, Gomes D, Tavares A, Silva L, **Felqueiras M**, Coelho H, Machado F (2024). “*Comparative Outcomes in Patient Blood Management: Evaluating the Efficacy of Complete versus Incomplete PBM Implementation*”, Research Summit 2024, Aveiro, July 16-19, URL: <https://www.ua.pt/en/researchsummit>

Maggia B, Malafaia E, Cachão M, **Marques CS**, Ferreira AV and Santos (2024). “*The use of photogrammetry in the conservation of endangered geological heritage: the case of Portuguese dinosaur footprints*”, III PaleoPt, Lourinhã, Portugal, Oct 18-19, URL: <https://www.paleontologia.pt/eventos/paleopt/3%C2%BA-paleopt>

Marques CS, Dufourq E, **Pereira S**, Santos VS and Malafaia E (2024). “*How to Improve Classification of Isolated Theropod Teeth Through Machine Learning*”, III PaleoPt, Lourinhã, Portugal, Oct 18-19, URL: <https://www.paleontologia.pt/eventos/paleopt/3%C2%BA-paleopt>

Marques CS, Mota A, Malafaia E, **Pereira S**, Santos VS and Dufourq E (2024). “*Addressing data scarcity in classification of vertebrate footprints using transfer learning with CNNs and procedurally simulated footprints*”, IX Workshop on Computational Data Analysis and Numerical Methods (WCDANM), Évora, Portugal, Oct 5-7, URL: <https://www.wcdanm2024.uevora.pt/>

Neves M, Prata Gomes D and **Penalva H** (2024). “*Computational Methodologies in Statistics of Extremes*”, JOCLAD, ESTG-Politécnico de Leiria, Leiria, 18 - 20 April, URL: <https://sites.google.com/view/joclad2024>

Pestana D and **Santos R** (2024). “*Estrangeiros e Estrangeirados e a Estatística em Portugal*”, 37.º Encontro do Seminário Nacional de História da Matemática, Academia das Ciências de Lisboa, June 28, URL: <https://sites.google.com/view/37snhm>

Ramos D, Lau B, Gomes D, Tavares A, Silva L, Afreixo V, **Felqueiras M**, Coelho H and Machado F (2024). “*Leveraging Machine Learning for Enhanced Patient Blood Management: Opportunities and Challenges*”, Research Summit 2024, Aveiro, July 16-19, URL: <https://www.ua.pt/en/researchsummit>

Rodrigues T, Cardoso J, Mascarenhas-Lemos L, **Martins JP**, **Sousa-Ferreira I**, Maio R and Coelho JLP (2024). “*The SMAD4 genetic status as a molecular prognostic marker in resected pancreatic ductal adenocarcinoma*”, Hospital da Luz Research Congress | 3rd Edition, Lisboa, Portugal, May 20, URL: <https://learninghealth.up.events/activities/view/hospital-da-luz-research-congress-3rd-edition>

Santos R, **Martins JP** and **Felqueiras M** (2024). “*Assessment of Classification Strategies Using Pooled Samples*”, XXXI Jornadas de Classificação e Análise de Dados (JOCLAD 2024), Instituto Politécnico de Leiria, Leiria, April 18, URL: <https://clad.pt/joclad-2024-xxxi-jornadas-de-classificacao-e-analise-de-dados/>

Contributed Poster (International) (22)

Abreu AM and **Sousa-Ferreira I** (2024). “*ecpdist: an R package for the extended Chen-Poisson lifetime distribution*”, IX Workshop on Computational Data Analysis and Numerical Methods, Évora, Portugal, September 5–7, 2024, URL: <https://www.wcdanm2024.uevora.pt/>

Aleixo SM, Gavina A, Borges A, Leite J, Duarte L, Polidoro MJ, Carvalho M, Dias S (2024). *Enhancing Dyeing Processes with Machine Learning: Strategies for Reducing Textile Non-Conformities*, 16th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KDIR 2024), Porto, Portugal, November 17-19, 2024, URL: <https://kdir.scitevents.org/?y=2024>

Augusto D, **Palmela Pereira C**, Ferreira L, Martins M, Rodrigues A, Filipe P and **Santos R** (2024). “*Comparison of Therapy for Vesiculobullous Diseases Pemphigus/Pemphigoid: Observational Study at Unidade Local de Saúde Santa Maria (ULS Santa Maria)*”, 6th Statistics on Health Decision Making: Artificial intelligence, Aveiro, July 4-5, URL: <https://www.ua.pt/pt/estatisticamedica/SHDM>

Augusto D, **Palmela Pereira C**, Flamino C, Salvado F, Coutinho F and **Santos R** (2024). “*Dental Trauma and Forensic Medicine: Is the Civil and Labor Portuguese National Disability Table Update?*”, 6th Statistics on Health Decision Making: Artificial intelligence, Aveiro, July 4-5, URL: <https://www.ua.pt/pt/estatisticamedica/SHDM>

Bianchi I, Rodrigues A, Augusto D, Aquino J, Fonseca I, Pinchi V and **Palmela Pereira C** (2024). "Postmortem Histological Changes of Dental Pulp for Postmortem Interval Estimation: A Pilot Study", 76th Annual AAFS Scientific Conference, Denver, Colorado, United States of America, February 19-24,

URL: <https://www.aafs.org/article/76th-annual-conference-what-you-need-know>

Catarino A, **Felgueiras M** and **Santos R** (2024). "Efficiency of Classification Methodologies based on Group Tests", International Conference on Computational and Mathematical Methods in Science and Engineering (CMMSE 24), Cadiz, Spain, July 3, URL: <https://cmmse.usal.es/cmmse2024/>.

Costa B, **Sousa L**, Rasga C and Vicente A (2024). "Environmental Exposure Index for Early Life Exposure Assessment Tool (ELEAT)", 6th Statistics on Health Decision Making: Artificial intelligence, Aveiro, July 4-5, URL: <https://www.ua.pt/pt/estatisticamedica/SHDM>.

Felgueiras M, **Martins JP** and **Santos R** (2024). "Power function mixtures in reliability", IX Workshop on Computational Data Analysis and Numerical Methods (WCDANM), Évora, September 5-7, URL: <https://www.wcdanm2024.uevora.pt/>

Ferreira S, Santos D and **Santos R** (2024). "Enhancing Student Well-being in Higher Education: A Comprehensive Bibliometric Analysis and a Case Study of Polytechnic University of Leiria", International Conference on Computational and Mathematical Methods in Science and Engineering (CMMSE 24), Cadiz, Spain, July 3, URL: <https://cmmse.usal.es/cmmse2024/>.

Figueiredo AM and Figueiredo FO (2024). "Classification for a folded directional distribution", Workshop on Computational Data Analysis and Numerical Methods, WCDANM 2024, University of Évora, Évora, Portugal, September 5-7, URL: <https://www.wcdanm2024.uevora.pt/>

Figueiredo FO, Figueiredo AM and **Gomes MI** (2024). "Acceptance Sampling Plans for the Detection of Chemical Substances and Off-Flavours", amin'24 autumn meeting of industrial mathematics, Foz do Arelho, Portugal, October 4-5, URL: <https://ecmiindmath.org/2024/08/04/amim24-autumn-meeting-of-industrial-mathematics/>.

Martinho C, Vasconcelos CM, Fernandes C, **Silva C**, Cunha G, Nunes C and Luz C (2024). "Educação Digital no Ensino Superior em Estatística: Colaboração Interinstitucional na Criação de um MOOC", 25^o SINAPE-Simpósio Brasileiro de Probabilidade e Estatística, Fortaleza, Brazil, August 4-9, URL: <https://www.even3.com.br/sinape2024/>

Nunes A, **São João R**, Fradinho M, Gonçalves I, Nunes P (2024). “*New Polysomnographic Parameters In The Evaluation Of Obstrutive Sleep Apnea: Relationship With Cardiovascular Risk*”, 27th Congress of the European Sleep Research Society, Seville, Spain, September 24-27, URL: <https://esrs.eu/event/sleep-europe-2024/>.

Nunes A, **Silva GL**, and **Gonçalves L** (2024). “*Joint Modelling of Longitudinal Binary Responses: A Nonparametric Bayesian Approach Using Acute and Chronic Malnutrition Data*”, 2024 ISBA World Meeting, Venice, Italy, July 1-7, URL: <https://www.unive.it/web/en/2208/home>

Nushi V, Rodrigues A, Oliveira A, Francisco A, **Santos R** and **Palmela Pereira C** (2024). “*How old are you? Are you a minor? Artificial Intelligence on decision making in Forensic Medicine: Where are we?*”, 6th Statistics on Health Decision Making: Artificial intelligence, Aveiro, July 4-5, URL: <https://www.ua.pt/pt/estatisticamedica/SHDM>

Prata Gomes D and **Neves M** (2024). “*Nonparametric Methods for the Extremal Index Estimation*”, International Symposium on Nonparametric Statistics 2024 (ISNPS 2024), Braga, June 25-29, URL: <https://w3.math.uminho.pt/ISNPS2024/>

Rodrigues A, **Palmela Pereira C**, Tropa M, Augusto D, Coutinho F, Salvado F and **Santos R** (2024). “*Outpatient oral surgery. Which NSAIDs/Analgesics to prescribe? A systematic review and meta-analysis*”, 6th Statistics on Health Decision Making: Artificial intelligence, Aveiro, July 4-5, URL: <https://www.ua.pt/pt/estatisticamedica/SHDM>.

Rodrigues A, **Palmela Pereira C**, Matos S, Salvado F, Coutinho F and **Santos R** (2024). “*Retrospective analysis of a case series of patients with traumatic injuries to the temporomandibular joint in Hospital Santa Maria: A Medico-legal Framework for Impairment Assessment*”, 6th Statistics on Health Decision Making: Artificial intelligence, Aveiro, July 4-5, URL: <https://www.ua.pt/pt/estatisticamedica/SHDM>.

Serra JT, **Silva C**, Sidat M, Belo S, Ferreira P, Ferracini N, Kaminstein D and Conceição C (2024). “*Epidemiology and risk factors for Schistosoma spp. infection in adult population of Chókwe district*”, ASTMH 73rd Annual Meeting, New Orleans, Louisiana, USA, November 13-17, URL: <https://www.astmh.org/annual-meeting/past-meetings#Past%20Annual%20Meetings>.

Serra JT, Kaminstein D, **Silva C**, Sidat M, Belo S and Conceição C. (2024). “*Point-of-care ultrasonography for Schistosoma haematobium-associated urinary tract morbidity evaluation in the adult population of Mozambique*”,

ASTMH 73rd Annual Meeting, New Orleans, Louisiana, USA, November 13-17,

URL: <https://www.astmh.org/annual-meeting/past-meetings#Past%20Annual%20Meetings>.

Silva C, Saraiva J, Valentim-Coelho C, Vaz F, Semreen MH, Soares NC, Penque D and **Antunes M** (2024).

“Longitudinal Analysis of Red Blood Cells Omics Data from COVID-19 Vaccination”, 6th Statistics on Health Decision Making: Artificial intelligence, Aveiro, July 4-5, URL: <https://www.ua.pt/pt/estatisticamedica/SHDM>.

Valongo A and **Felgueiras M** (2024). “Flipped Classrom in Statistics”, 24th CMMSE, Rota, Spain, July 2-8,

URL: <https://cmmse.usal.es/cmmse2024/>

Contributed Poster (National)

(3)

Camacho P, Ribeiro E, Pereira B, Ginete C, Nascimento J, Barrão S, Henriques J, Rosa P, Raposo C, Almeida A, Fernandes R, Sadio S, **Silva C** and Brito M (2024). “A expressão de Metiltransferases na Degenerescência macular da idade: potencial biomarcador”, Jornadas Científicas da Saúde da Lusofonia (LusoSaúde) da Rede Académica das Ciências da Saúde da Lusofonia, Escola Superior de Saúde Santa Maria, Porto, Portugal (online), November 10, URL: <https://www.santamariasaude.pt/jornadas-lusosaude-racs/>

Magalhães A, Duarte C, Lourenço D, **Figueiredo FO** and Campos P (2024). “Uma Análise Multidimensional da Utilização da Internet” (com alunos da Turma 11.º E da Escola Clara de Resende), SEI.ence, evento para apresentação dos trabalhos do projeto SEI 2023/2024, Alfândega do Porto, Sala dos Despachantes, Porto, May 16. URL: <https://www.porto.pt/pt/noticia/jovens-dao-azo-a-imaginacao-e-apresentam-projetos-cientificos-no-science>

Santos D, **Santos R** and Ferreira S (2024). “Screening for Depression and Anxiety Using the SMILE Well-being Score”, XXXI Jornadas de Classificação e Análise de Dados (JOCLAD 2024), Escola Superior de Tecnologia e Gestão do Politécnico de Leiria, April 19, URL: <https://clad.pt/joclad-2024-xxxi-jornadas-de-classificacao-e-analise-de-dados/>

Seminar by Invitation

(19)

Cordeiro C (2024). “Resampling strategies for improving time series forecasts.”, Seminário do Centro de Investigação em Matemática e Aplicações, Departamento de Matemática, Programa de Doutoramento em Matemática, online, April 24.

Cordeiro, C (2024). “*Evaluating Bootstrap Techniques in Time Series Forecasting*”, Seminários do Grupo de Probabilidades e Estatística, CIDMA, online, September 18.

Martins JP, Nascimento AP (2024). “*Revisão Sistemática e Meta-Análise em Saúde*”, V Ciclo de Seminários em Bioestatística e Bioinformática Aplicadas à Saúde, Porto, October 2,
URL: <https://formacao.ess.ipp.pt/v1/principal/home/index.php?m=107>

Martins JP (2024). “*Investigação em Saúde*”, Course Habilidades de Pesquisa Científica III, Faculdade CERES de Medicina de São José do Rio Preto, Brazil, May 15.

Martins R (2024). “*An underrated prior distribution for proportions. The Logistic–Normal for dynamical football predictions*”, Programa Interinstitucional de Pós-Graduação em Estatística da Universidade de São Paulo (USP) e da Universidade Federal de São Carlos (UFSCar), Universidade Federal de São Carlos (UFSCar), May 17,
URL: <https://lists.ime.usp.br/pipermail/abe/2024-May/010393.html>.

Palmela Pereira C (2024). “*Forensic Odontology in Portugal*”, University of Athens, Dental School, Greece, May 23.

Ramos SF (2024). “*A Matemática e a Indústria presented in Workshop os dados nas empresas: oportunidades e desafios*”, Workshop organized by the Centro de Apoio tecnológico à Indústria Metalomecânica, July 11.

Rocha JL and Taha A-K (2024). “*Lambert W Functions in the Analysis of Nonlinear Dynamics and Bifurcations of a 2D gamma-Ricker Population Model*”, Seminar in Département Génie Electrique et Informatique, INSA - Toulouse, Institut National des Sciences Appliquées de Toulouse, Université de Toulouse, France, May 7,
URL: <https://www.insa-toulouse.fr/>

Rocha JL and Taha A-K (2024). “*Allee Effect Dynamics and Lambert W Functions on a 2D gamma-Ricker Diffeomorphism*”, Seminar in Département Génie Electrique et Informatique, INSA - Toulouse, Institut National des Sciences Appliquées de Toulouse, Université de Toulouse, France, November 28, URL: <https://www.insa-toulouse.fr/>

Santos R (2024). “*Estatística Aplicada à Investigação em Enfermagem Comunitária e de Saúde Pública*”, Epidemiologia e Bioestatística do Mestrado em Enfermagem Comunitária, Escola Superior de Enfermagem de Vila Real, Universidade de Trás-os-Montes e Alto Douro, Vila Real, December 13.

Santos R (2024). “*Age Estimation and Artificial Intelligence*”, International Workshop on Age Estimation organised by the International Organization for Forensic Odonto-Stomatology (I.O.F.O.S.), Faculty of Medicine of University of Lisbon, Lisbon, Portugal, April.

São João R (2024). “*Statistics and Health Data Analysis with SPSS*”, Joint seminar GADES Solutions and CEaul, Cisco Webex (online), October 30, URL: <https://gades-solutions.com/seminario-estatistica-e-analise-de-dados-em-saude-com-spss/>

São João R (2024). “*Data Science with R*”, Joint seminar GADES Solutions and CEaul, Cisco Webex (online), Mars 13 and October 3, URL: <https://ceaul.org/data-science-com-r-2/>, <https://ceaul.org/data-science-com-r-3/>

São João R (2024). “*Statistics and Health Data Analysis with SPSS*”, Joint seminar GADES Solutions and CEaul, Cisco Webex (online), April 24, URL: <https://gades-solutions.com/seminario-estatistica-e-analise-de-dados-em-saude-com-spss/>

Silva GL (2024). “*Bayesian Regression for Proportion of Wildfire Burned Areas*”, Bayesian Statistics Group Seminars, Department of Statistics and Operational Research, University of Lisbon, Portugal, May 23.

Silva GL (2024). “*Don't go to Halloween without Bayes Rules!*”, Longitudinal Studies Group Seminars, Department of Biostatistics and Informatics, University of Colorado, USA, Oct.31.

Silva GL (2024). “*So you think you can penalize splines?*”, Longitudinal Studies Group Seminars, Department of Biostatistics and Informatics, University of Colorado, USA, Nov. 21.

Sousa-Ferreira I and Abreu AM (2024). “*Multiplicative and additive shared frailty models for gap time data*”, CIMA Seminar, taught within the scope of the Doctoral Program in Mathematics, at the School of Science and Technology of the University of Évora., Évora, February 28, URL: <https://www.cima.uevora.pt/index.php/about?view=article&id=307:multiplicative-and-additive-shared-frailty-models-for-gap-time-data&catid=38>

Sousa-Ferreira I (2024). “*An additive shared frailty model using the non-central chi-squared distribution with zero degrees of freedom*”, Joint Seminar CEaul & CEMAT, Lisboa, Portugal, January 24, URL: <https://ceaul.org/an-additive-shared-frailty-model-using-the-non-central-chi-squared-distribution-with-zero-degrees-of-freedom/>

SUPERVISION

Ph.D. Theses

(3)

Cordeiro C (Supervisor) and **Sepúlveda N** (Co-supervisor): André Fonseca. "From data to discovery: designing new pipelines for the analysis of high-throughput antibody data in Malaria and Chronic Fatigue Syndrome".

Doctorate in Biotechnological Sciences, specialising in Molecular Biotechnology, Universidade do Algarve, July 19 July, URL: <https://sapientia.ualg.pt/entities/publication/c3a945dd-522c-4317-921d-613213a7d5cc>

de Zea Bermudez P (Supervisor): Sandra Cláudia Matias Rodrigues. "A 3D model-based approach for spatial bat risk assessment at wind farms", PhD in in Statistics and Operations Research Specialty in Biostatistics and Bioinformatics, Faculdade de Ciências, Universidade de Lisboa, Sep. 16, URL:

<http://hdl.handle.net/10400.5/98537>

Oliveira TA (Supervisor), **Oliveira A** and Mukherjee A (Co-supervisors): Maria da Conceição Dias Leal.

"Modeling Spatio-Temporal Data of COVID-19 in Portugal with Temporal Disaggregation: A Statistical and Epidemiological Approach", PhD in Applied Mathematics and Modeling. Public exam date: October 11, URL:

<https://repositorioaberto.uab.pt/entities/publication/b1d6aeaa-b01c-4fa8-8587-12fe6fcd3fce>

Master Dissertations

(40)

Antunes M and **Pereira S** (Supervisors): Raquel Batista Correia. "Modelação do comportamento dos clientes nas farmácias: uma abordagem de análise de sobrevivência com base em modelos para eventos recorrentes". Feb. 20.

Antunes M and Soares P (Supervisors): Maria Leonor Caleiro. "Association between severity and therapeutic response of asthmatic children with the adrenoreceptor B(Beta)2 gene - a study of the PACMAN cohort". Nov. 6.

Antunes M and Constantino M (Supervisors): Alba Cristina Martín González. "Can effective cooperation between teammates enhance overall team performance? Gender-Based Analysis of Football Passing Networks". Dec. 18.

Brás-Geraldes C and Filipe Cal (Supervisors): Cristina Robu. "The Use of Artificial Intelligence in the Recognition of Railway Assets Based on High-Resolution Drone Images", Master in Applied Mathematics for Industry, Instituto Superior de Engenharia de Lisboa, July, URL: <http://hdl.handle.net/10400.21/21429>

Carrasquinha E and **Alpuim T** (Internal Supervisors), Fernandes C (External Supervisor): Alexandre Sobreira. "Renewal Models in Inpatient Coverage for Tailor-Made Products". Master in Data Science, Faculty of Sciences, University of Lisbon, Dec. 19.

Carrasquinha E (Internal Supervisor), Lopes M (External Supervisor): João Brandão. "Dimensionality reduction in survival models based on gene expression data: an application to brain cancer". Master in Biostatistics, Faculty of Sciences, University of Lisbon, Dec. 3.

Carrasquinha E (Supervisor): David Bulha. "Dimensionality Reduction Methods: An Application to Gene Expression Data in Cancer Diseases". Master in Biostatistics, Faculty of Sciences, University of Lisbon, April 30.

Cordeiro C and António N (Supervisors): Sara Lopes. "A Novel Approach to Hotel Demand Forecasting: Hybrid-Ensemble Models". Master in Data Science and Advanced Analytics, specialisation in Business Analytics, Universidade Nova de Lisboa, Oct. 30, URL: <https://run.unl.pt/handle/10362/175050>

de Zea Bermudez and Mouta T (Supervisors): Ricardo Jorge da Rocha Machado. "Modelação da distribuição espacial de algumas espécies de tubarões de profundidade - uma abordagem com recurso a processos pontuais espaciais" Master in Statistics and Operations Research, Faculdade de Ciências, Universidade de Lisboa, Jan.15.URL: <http://hdl.handle.net/10451/63894>

Diamantino F and **Telhada J**: (Supervisors): Joana Conde. "Estudo sobre a dinâmica de inscrições em unidades curriculares – caso de estudo no DEIO". Master in Mathematics Applied to Economics and Management, Faculty of Sciences, University of Lisbon, July 16., URL: <http://hdl.handle.net/10400.5/95456>

Domingues, TD (Supervisor): Maria João Pinela. Eficácia da Medicina Tradicional Chinesa no Tratamento da Lombalgia. Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Dec. 30.

Martins R (Supervisor): Daniel Cabral. "Estimation of Goal Times in Football Matches" Master in Statistics and Operations Research, Faculdade de Ciências, Universidade de Lisboa, Dec.19.

Martins R (Supervisor): Daniela Sousa. "Estimation of Time to Injury Occurrence in Football Players". Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Dec. 6.

Martins R (Supervisor): Erick Chatalov. "Optimizing the Assessment of Data-Limited Skates in Portuguese Ports Through Bayesian Statistics and an Empirical Catch Rule". Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Dec. 23.

Martins R (Supervisor): Érica Ribeiro. "Estimation of Pagellus bogaraveo Biological Parameters: Application of Bayesian State-Space Models". Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Oct. 10.

Martins R (Supervisor): Tiago Vieira. "Epidemiological Study on Kidney Transplantation from Non-Heart-Beating Donors: Risk Factors and Survival Analysis". Master in Statistics and Operations Research, Faculdade de Ciências, Universidade de Lisboa, May 15.

Martins JP (Supervisor): Ana Pereira. "Vaccination promotion strategies in the elderly: systematic review and meta-analysis". Master in Pharmacy - Pharmacotherapy and Pharmacoepidemiology, Escola Superior de Saúde do Instituto Politécnico do Porto, Nov. 15. URL: <http://hdl.handle.net/10400.22/29590>

Martins JP (Supervisor): Catarina Melim. Reabilitação motora da deglutição pós AVC: duração dos efeitos da tDCS vs rTMS – Revisão sistemática com meta análise. Master in Speech and Language Therapy, Escola Superior de Saúde do Instituto Politécnico do Porto., Sep. 11.

Martins JP (Supervisor): Ana Gonçalves. "Liderança e motivação no contexto organizacional: a perspetiva dos Estudantes do Ensino Superior". Master in Management of Organizations - Public Management, Instituto Superior de Contabilidade e Administração do Instituto Politécnico do Porto, July 26, URL: <http://hdl.handle.net/10400.22/26030>

Martins JP: Raquel Reis. "Impacto do Conflito trabalho-família e Burnout em médicos veterinários a trabalhar em Portugal". Master in Organization Management - Health Units Management, Escola Superior de Saúde do Instituto Politécnico do Porto, Nov. 27 URL: <http://hdl.handle.net/10400.22/29542>

Martins JP: Mariana Moreira. "Liderança e motivação no contexto organizacional: o caso do Porto de Leixões". Master in Management of Organizations - Public Management, Instituto Superior de Contabilidade e Administração do Instituto Politécnico do Porto, Nov. 8, URL: <http://hdl.handle.net/10400.22/26818>

Mouriño H (Internal Supervisor), Langohr K (External Supervisor): Matilde Martins da Palma Francisco. "Statistical approaches to correct for baseline values in clinical trials". Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Feb. 1, URL: <http://hdl.handle.net/10451/63483>

Oliveira, A (Supervisor): Carla Alexandra da Silva Sarmento. "Study on the Risk of Water Shortage using the nonparametric model Singular Spectral Analysis", Master in Statistics, Mathematics and Computation, Universidade Aberta. Date of the public exam: January 30, 2024. URL: <http://hdl.handle.net/10400.2/15761>

Palmela Pereira C: (Supervisor) and **Santos R** (Co-Supervisor): Mariana Delicado Dias Feijão Correia. "Avaliação da precisão do desempenho de redes neuronais convolucionais para a diagnose sexual". Master in Dental Medicine, Faculdade de Medicina Dentária da Universidade de Lisboa, Oct. 9, URL: <http://hdl.handle.net/10400.5/96414>

Palmela Pereira C: (Supervisor) and **Santos R** (Co-Supervisor): Raquel Alexandra de Jesus Carvalho. "Desenvolvimento de um Algoritmo baseado em Inteligência Artificial para Identificação de Cadáveres por Evidências Dentárias". Master in Dental Medicine, Faculdade de Medicina Dentária da Universidade de Lisboa, Oct. 9, URL: <http://hdl.handle.net/10400.5/96417>

Palmela Pereira C (Supervisor), Salvado F (Co-Supervisor) **Santos R** (Research Team): Patrícia da Silva Pereira Antunes. "Estimativa da idade óssea pelo método de Greulich-Pyle para determinação da responsabilidade criminal". Master in Dental Medicine, Faculdade de Medicina Dentária da Universidade de Lisboa, Oct. 9, URL: <http://hdl.handle.net/10400.5/96386>

Palmela Pereira C (Supervisor): Francisco Salvado (Co-Supervisor), **Santos R** (Research Team): Maria Vitória Ribeiro Pereira Lameiro. "Avaliar a acurácia da idade óssea das vértebras cervicais para estimativa de idade". Master in Dental Medicine, Faculdade de Medicina Dentária da Universidade de Lisboa, July 9, URL: <http://hdl.handle.net/10400.5/96365>

Ramos SF (Supervisor): Tiago Fernandes Martins. "Previsão de indicadores de gestão". Master in Mathematics Engineering, Faculdade de Ciências da Universidade do Porto, July 22, URL: <https://hdl.handle.net/10216/160008>

Ramos SF (Co-supervisor): Nuno Miguel de Antunes Machado. "Perceções da indústria 4.0 nas empresas portuguesas." Master in Mechanical Engineering – Industrial Management, Instituto Superior de Engenharia do Porto, Oct. 10, URL: <http://hdl.handle.net/10400.22/26748>

Rocha JL: and **Carvalho S** (Supervisors): Beatriz Coimbra. "Influencers Dynamics in Viral Marketing Networks", Master in Applied Mathematics for Industry (MMAI), Instituto Superior de Engenharia de Lisboa, Sep., URL: <http://hdl.handle.net/10400.21/21357>

Rufino MM (Supervisor): João Samarão, “Work on small scale fisheries landings gear definition using ML”. Master in Analysis and Engineering of Big Data - Nova School of Science and Technology. May 30.

Santos R and **Felqueiras M** (Supervisors): André Filipe Almeida Catarino. "Metodologias de classificação baseadas em testes compostos" Master in Data Science, School of Technology and Management, Polytechnic University of Leiria, Nov. 22, URL: <http://hdl.handle.net/10400.8/10278>

São João R (Supervisor): Hugo Pereira. “Fundraising:uma estratégia das instituições particulares de solidariedade social-os casos da ABEP, ADESBA e APPDA-Leiria”, Master in Management of Social Economy Organisations, School of Management and Technology of the Polytechnic Institute of Santarém, Feb.9, URL: <http://hdl.handle.net/10400.15/4789>

Santos R and Ferreira S (Supervisors): Daniel Augusto Bertoldo Santos. “Characterization of the lifestyle and well-being of students from the Polytechnic of Leiria”, Master in Data Science, School of Technology and Management, Polytechnic University of Leiria, 2024., May 14, URL: <http://hdl.handle.net/10400.8/9802>

Santos R and **Martins JP** (Supervisors): Ariana Isabel Nogueira dos Reis. “Influence of parenting styles and hormonal levels in the development of narcissism: a meta-analysis”. Master in Data Science, School of Technology and Management, Polytechnic University of Leiria, Nov. 12, URL: <http://hdl.handle.net/10400.8/10479>

Silva C, Coelho A, Andrade G (Supervisors): Sofia Isabel Afonso. “The Impact of Therapeutic Adherence on the Adaptation and Validation of the Treatment Burden Questionnaire (TBQ) for the Portuguese Population”. Master in Health Technology Management and Assessment, Escola Superior de Tecnologia da Saúde de Lisboa, Instituto Politécnico de Lisboa, Dec, URL: <http://hdl.handle.net/10400.21/21445>

Sousa L and Semedo T (Supervisors): Carlota Ribeiro Teles. “Microbial Diversity and Discrimination of *Queijo de Azeitão* and *Queijo de Nisa* PDO cheeses based on Metagenomic data”. Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Nov. 29.

Sousa L and Vieira F (Supervisors): Andreia Beatriz Soares Ferreira. “Análise estatística de dados longitudinais: efeito do ciclo menstrual e dos contraceptivos orais na composição corporal em estudantes universitárias do sexo feminino”. Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Dec. 5.

Sousa L and Patrício R (Supervisors): João Luís Miranda Louro. "Estimation of the nesting abundance of the green sea turtles (*Chelonia mydas*) on Poilão Island". Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Dec. 17.

Sousa L and Rasga C (Supervisor): Beatriz Isabel Santos Costa. "Environmental Exposure Index for Early Life Exposure Assessment Tool". Master in Biostatistics, Faculdade de Ciências, Universidade de Lisboa, Dec. 20.

Other Advisory Work

(22)

Aleixo SM: Supervision of the curricular internship of the Degree in Mathematics Applied to Technology and Business, concluded on September 16, 2024, by Carolina Duarte, together with the guidance of Professor Iola Pinto (DM/ISEL/IPL) and Engineer Paulo Miguel Ferreira e Engineer André Carmo Silva (ATQP/GALP). Internship developed at GALP, in the Department of Technical Advisory and Product Quality, entitled "Modeling and Optimization of Laboratory Data of Lubricants in Service".

Brás-Geraldes C: Supervision of internship "Analysis and Forecasting of Television Audiences in Portugal", student Gonçalo Pereira, LMATE curricular internship developed at Media Capital Group, (joint supervision with Rocha J. Leonel, DM-ISEL), July, URL: <https://www.isel.pt/en/curso/bsc-degree/mathematics-applied-technology-and-enterprise>.

Brás-Geraldes C: Supervision of internship "Otimização da predição da propagação do sinal de rádio na Linha da Beira-Baixa", student Lopes T, LMATE curricular internship developed at Solvit, (joint supervision with Carlos Leandro, DM-ISEL),

Domingues, TD: Program "Ser Cientista": supervisor of the project "Testes viscoelásticos na prevenção da hemorragia pós-parto". 22 to 26 July 22-26, Faculdade de Ciências da Universidade de Lisboa.

Martins R: Participation in the CEAUL Project: "Be a Researcher," aimed at undergraduate and Master's students as an introduction to research; Theme: Predicting football outcomes, July 1-15. URL: <https://ceaul.org/se-investigador-edicao-2024/>

Palmela Pereira C: Supervisor of the Curricular internship in Forensic Anthropology from the course Criminal and Forensic Lab TESP (ípluso), by Beatriz Cascalheira Morais at the Academia das Ciências de Lisboa. The curricular internship was developed under the protocol CEAUL/ACL for the bone collection related to the earthquake 1755. Feb – July.

Palmela Pereira C: Supervisor of the Curricular internship in Forensic Anthropology from the course Criminal and Forensic Lab TESP (ipluso), by Bianca Catarina Costa de Sousa at the Academia das Ciências de Lisboa. The curricular internship was developed under the protocol CEAUL/ACL for the bone collection related to the earthquake 1755. Feb – July.

Palmela Pereira C: Supervisor of the European master's degree by Rebecca Bonvini from the University of Genoa, Italy in the field Forensic Odontology. The research project was related with IPM Estimation and Pulp, developed in the Faculdade de Medicina e de Medicina Dentária Universidade de Lisboa, Sept. 2024 – Feb. 2025.

Ramos SF (Supervisor): Hugo Marujo Carrasco. "Chatbot de Apoio ao Cliente", Degree in Systems Engineering, Instituto Superior de Engenharia do Porto, July 3, URL: [Chatbot de Apoio ao Cliente](#)

Ramos SF(Supervisor): Tomás Laurentino Silva Lopes. "Estudo das Arquiteturas de Queues e Criação de Dashboards em Power BI", Degree in Systems Engineering, Instituto Superior de Engenharia do Porto, July 3, URL: [Estudo das Arquiteturas de Queues e Criação de Dashboards em Power BI](#)

Rocha JL and **Carvalho S**: Supervision of the project "Economics of Complexity: Integrating Time Series Analysis with Graph Theory", student Fábio Miguel Gonçalves, Curricular Project for the Postgraduate Programme in Mathematics in Data Science, (joint supervision with Carvalho S, DM-ISEL), June, URL: <https://www.isel.pt/curso/pos-graduacao/pos-graduacao-em-matematica-para-ciencia-de-dados>

Rocha JL: Supervision of internship "Analysis and Forecasting of Television Audiences in Portugal", student Gonçalo Pereira, LMATE curricular internship developed at Media Capital Group, (joint supervision with Geraldes, DM-ISEL), July, URL: <https://www.isel.pt/en/curso/bsc-degree/mathematics-applied-technology-and-enterprise>

Rocha JL: Supervision of the short-term internship "POLITICS IN SOCIAL MEDIA: nacional statistical network analysis of ADN - Alternativa Democrática", Sê Investigador Programme, 5th Edition, CEAUL, Catarina Canastra, Irina Sopterean and Joana Rato, master's and bachelor's students at FC-UL, 8-19 July 2024 (joint supervision with Carvalho S, DM-ISEL)., URL: <https://ceaul.org/se-investigador-edicao-2024/#:~:text=8%20a%2019%20julho%202024&text=A%205..inscri%C3%A7%C3%A3o%20pode%20ser%20prenchido%20aqui>.

Rocha JL: Supervision of the report "Affiliation Networks: Interconnections between Boards of Directors", students Fábio Franco, Fábio Gonçalves and José Casimiro, UC of Graphs and Networks of the MMAI, (joint supervision with Carvalho S, DM-ISEL) January, URL: <https://www.isel.pt/curso/mestrado/mestrado-em-matematica-aplicada-para-industria>

Rocha JL: Supervision of the report "Football Player Transfer Networks", students Diogo Deus, Francisco Sedas and Fábio Batalha, UC of Graphs and Networks of the MMAI, (joint supervision with Carvalho S, DM-ISEL) January, URL: <https://www.isel.pt/curso/mestrado/mestrado-em-matematica-aplicada-para-industria>

Rocha JL: Supervision of the report "Message Affinity Model", students Beatriz Vieira, Cátia Pinto and Sofia Rocha, UC of Graphs and Networks of the MMAI, (joint supervision with Carvalho S, DM-ISEL) January, URL: <https://www.isel.pt/curso/mestrado/mestrado-em-matematica-aplicada-para-industria>

Rocha JL: Supervision of the report "The Role of Hubs in the Dissemination of Viral Messages in Social Networks", student Sofia Rocha, LMATE Maths Subjects UC, (joint supervision with Carvalho S, DM-ISEL) January, URL: <https://www.isel.pt/en/curso/bsc-degree/mathematics-applied-technology-and-enterprise>

Rufino MM: Program 'Summer short stayings in statistics research' (Estágios de Verão do CEAUL - Sê Investigador) 2024. João Fernandes, Applied Maths degree student at FCUL. Development of a function to connect official landings to boat trips profiles in small scale fisheries. July 1-15. URL: <https://ceaul.org/se-investigador-edicao-2024/>

Rufino MM: Supervision of the project (seminar) of the student Gonçalo Ritto, from the master in Analysis and Engineering of Big Data - Nova School of Science and Technology. Project on the development of automatic identification and measure of bivalve shells, using image analysis tools (ImageJ, python and R), Apr. 1 – July 18.

Rufino MM: Supervision of the professional practice of the master student Sarah Lea Mayr, from the International Master of Science in Marine Biological Resources (IMBRSea, Erasmus Mundus programme). Project on validation of data obtained in bivalve's citizen science using shape analysis. Biogeographical large scale patterns of a bivalve species, Apr. 8 – May 31.

Silva C, Sousa L and Pinto V (Supervisors) "Study of the Association Between Clinical and Genetic Variables and the Presence of Hereditary Cardiac Pathology, as part of the "Sê Investigador" program in the CEAUL summer internships, July 1-15. URL: <https://ceaul.org/se-investigador-edicao-2024/>

Silva GL (Postdoctoral supervision): Bruno Ramos Santos. "Over-coverage in Population Registers: Measurements, Determinants and Consequences", Project in Statistics, CEAUL and DMIST - University of Lisbon, associated with Department of Sociology at Stockholm University, Sweden, Jan. 11 – Dec 31.

PROJECTS RUNNING IN 2024

Financed Projects

(13)

Antunes M, Silva GL. *CINDERELLA - Comparing Decision on Match of Expectations and Aesthetics using a Conventional Versus a Cloud Based Healthcare Platform based Approach in Breast Cancer Patients Proposed for Locoregional Treatment: A Prospective Randomized Trial.* Financed By: HORIZON-RIA. Participating institutions: Champalimaud Foundation, Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência, CANKADO, Universitätsklinikum Heidelberg, Ospedale San Raffaele SRL, FCIências.ID, Università Commerciale Luigi Bocconi, Sheba Medical Center, Gdanski Uniwersytet Medyczny. Project Ref: 101057389. Principal investigator: Cardoso MJ - Champalimaud Clinical Centre. URL: <https://cinderellaproject.eu/>

de Zea Bermudez P, da Câmara C, Gouveia CM and Nunes A. *MEDCEX - Compound extremes in Mediterranean temperature, wind, and wildfires.* Financed by FCUL funds for the Development of I&D projects. Participating institutions: FCUL. Principal investigator: de Zea Bermudez P.

Gomes MI. *HiTEc - Text, Functional and other High-dimensional Data in Econometrics: New models, Methods, Applications.* Financed By: European Cooperation in Science and Technology (COST). Participating institutions: FCIências.ID, COST and many other institutions from European countries. Project Ref: COST ACTION CA21163. Principal investigator: Colubi A - Frederick University, Nicosia, Cyprus. URL: <http://www.hitecaction.org/>

Martins JP. *Implementação, monitorização e avaliação de metodologias inovadoras no ensino da leitura e escrita- pré-escolar e 1.º Ciclo.* Financed By: Fundo Europeu de Desenvolvimento Regional. Participating institutions: CiiL/ESS - Instituto Politécnico do Porto. Principal investigator: Sucena A - CiiL/ESS - Instituto Politécnico do Porto.

Rufino MM. *MOPPA - Programa de monitorização da pequena pesca e apanha.* Financed By: Mar2030. Participating institutions: IPMA, MARE. Project Ref: Na. Principal investigator: Miguel Gaspar e Ana Moreno - IPMA.

Rufino MM. MAP.SSF - *MAP-SSF: Mapping Small Scale Fisheries. Assessing small-scale fishing activity and pressure on Europe's marine ecosystems.* Financed By: European Environmental Agency. Participating institutions: IPMA, AZTI, IEO, IFREMER, St. Andrews, UPC. Project Ref: EEA/BHR/24/001. Principal investigator: Rufino and Mateo - AZTI and IPMA.

Santos R. Embalagem do Futuro® - *Embalagem do Futuro® + Ecológica + Digital + Inclusiva: PPS19 – “Human Resources Training and Upskilling – Skills for the Future”.* Financed By: Plano de Recuperação e Resiliência (PRR) - Projetos Mobilizadores de Agendas de Inovação. Participating institutions: 79 entities. Project Ref: 02-C05-i01.02-2022.PC644931699-00000042. Principal investigator: Coelho L. - VANGEST - Engenharia Financeira e Gestão, S.A., URL: <https://embalagemdofuturo.pt/>

São João R. *New Polysomnographic Parameters In The Assessment Of Obstructive Sleep Apnoea Syndrome: Severity And Cardiovascular Risk.* Financed By: Luz Health - Luz Setúbal Hospital. Participating institutions: Luz Health - Luz Setúbal Hospital. Principal investigator: Nunes A - Sleep Unit - Pulmonology Department, Luz Setúbal Hospital.

São João R. *Factors That May Lead To A Different Response To The Bronchodilation Test Using The 2005 Criteria Versus The 2021 Criteria.* Financed By: Luz Health - Luz Setúbal Hospital. Participating institutions: Luz Health - Luz Setúbal Hospital. Principal investigator: Nunes A - Sleep Unit - Pulmonology Department, Luz Setúbal Hospital.

Silva C. DifCaya - *Differential transcription profiles of key modulatory effectors of fetal hemoglobin after exposure to Carica Papaya extracts.* Financed By: IDICA - IPL. Participating institutions: ESTeSL-IPL, HTRC, IMM-JLA, Faculty of Pharmacy of Romania. Project Ref: IPL/IDI&CA2024/DifCaya_ESTeSL. Principal investigator: Silva C - ESTeSL-IPL.

Silva C. INSYDE_AMD - *Interplay Between INflammatory GeneS and Methylation in Age-Related Macular DEgeneration Progression.* Financed By: IDICA - IPL. Participating institutions: ESTeSL-IPL, HTRC, IRT. Project Ref: IPL/IDI&CA2024/INSYDE_AMD_ESTeSL. Principal investigator: Camacho P - ESTeSL-IPL.

Silva GL. HEP - *Modeling Seizures in Patients with Focal Epilepsy.* Financed By: (American) National Institutes of Health. Participating institutions: University of Colorado Denver. Project Ref: 1R01NS133040-01. Principal investigator: Juarez-Colunga E – Colorado School of Public Health, USA.

Sousa L and Pedro S. EMOTION - *authEntic cheesoMics: from big data, through labOratory, towards the fuTure of protected desIgnation of OrigiN*. Financed By: FCT. Participating institutions: FCIências.ID, Instituto de Biologia Experimental e Tecnológica (IBET), Instituto Superior de Agronomia (ISA/ULisboa). Project Ref: PTDC/OCE-ETA/1785/2020. Principal investigator: Semedo T - FMV-ULisboa.

URL: https://www.fct.pt/apoios/projectos/consulta/vglobal_projecto.phtml.en?idProjecto=159741&idElemConcurso=14550.

ORGANIZATION OF CONFERENCES, SEMINARS AND INVITED SESSIONS

CEAUL Seminars

(24)

Martins R: Responsible for the organization of the thematic seminars at CEAUL,

URL: <http://ceaul.org/eventos/seminarios/>.

Title	Speaker/Institution	Local	Date
Mixed model with multivariate time series covariates and PCA to quantify the statistical association between Pollutants and Asthma	Ciências ULisboa, C6, 4th floor, SASLab (Room 6.4.29) & ZOOM – 15:30	Ciências ULisboa, C6, 4th floor, SASLab (Room 6.4.29) & ZOOM – 15:30	11-DEC-2024
Approximated Gaussian random field under different parameterizations for MCMC	Joaquin Cavieres, University of Göttingen, Germany	ZOOM – 14:30	11-DEC-2024
Ensaios clínicos bayesianos – pequeno workshop baseado num ensaio muito conhecido	Miguel Pereira, Cogitars, UK	ZOOM – 14:30	04-DEC-2024
Statistics, Information Technology (IT) and Forensic Dental Medicine	Cristiana Palmela Pereira, CEAUL, Faculdade de Medicina Dentária da Universidade de Lisboa	Ciências ULisboa, C6, Piso 4, SASLab (Room 6.4.29) – 15:30	02-DEC 2024

Impact of misdiagnosis in case-control association studies: the case of myalgic encephalomyelitis/chronic fatigue syndrome	João Torrado Malato, CEAUL, University of Lisbon, Portugal and Warsaw University, Poland	Ciências ULisboa, C8, Piso 2 (Room 8.2.23) & ZOOM – 14:30	27-NOV-2024
Dependence modelling of extreme hydrological events in current and future climates	Luis Gimeno-Sotelo, University of Vigo, Spain	Ciências ULisboa, C6, Piso 4, SASLab (Room 6.4.29) – 11:00 and ZOOM	22-NOV-2024
Computational Methods for Healthcare Access Modeling	Nicoleta Serban, H. Milton Stewart School of Industrial and Systems Engineering at the Georgia Institute of Technology, USA	Ciências ULisboa, C6, Piso 4, SASLab (Room 6.4.29) & ZOOM – 14:30	20-NOV-2024
Addressing data scarcity in classification of vertebrate footprints using transfer learning and procedurally simulated footprints	Carolina Marques, CEAUL, FCUL	Ciências ULisboa, C6, Piso 4, SASLab (Room 6.4.29) – 15:30	18-NOV-2024
One way to estimate an out-of-sample quantile of an unknown distribution through extreme value theory	Claudia Neves, King's College London, DEIO and CEAUL, University of Lisbon	Ciências ULisboa, C6, Piso 4, SASLab (Room 6.4.29) & ZOOM – 14:30	06-NOV-2024
Modelação de Espaço de Estados em Meteorologia: Melhoria das Previsões a Curto Prazo e Perspetivas Climáticas a Longo Prazo	Marco Costa, Universidade de Aveiro	ZOOM – 14:30	30-OCT-2024
Sperm Whale Scale, Measuring Northeast Atlantic Sperm Whales	Seán O'Callaghan, Marine and Freshwater Research Centre (MFRC) at the Atlantic Technological University (ATU), Galway, Ireland	Ciências ULisboa – 14:00	17-OCT-2024
Avanços em Ciência de Dados no Paradigma de Análise de Dados Simbólicos (Symbolic Data Analysis – SDA)	Renata M. C. R. Souza, Universidade Federal de Pernambuco	Instituto Superior Técnico, Sala FA2 – 16:30	08-OCT-2024

Modelos Estatísticos para Detecção de Fraudes e Aplicações	Heliton Ribeiro Tavares, Faculdade de Estatística / Programa de Pós-Graduação em Matemática e Estatística Universidade Federal do Pará, Brasil	Ciências – ULisboa SASLab (C6, Piso 4, sala 6.4.29) & ZOOM – 11:00	26-JUNE- 2024
Large Scale Inference for Mixed Models	Omiros Papaspiliopoulos, Department of Decision Sciences, Bocconi University, Italy	Ciências – ULisboa C6, Piso 4, sala 6.4.35) & ZOOM – 16:00	26-JUNE- 2024
Modelo Beta-Beta Prime Para Índices E Suas Precisões Com Aplicação À Estimação Em Pequenas Áreas	Fernando Moura, Universidade Federal do Rio de Janeiro, Brasil	Ciências – ULisboa SASLab (C6, Piso 4) & ZOOM – 14:00	06-JUNE- 2024
A New Algorithm For Inference In Hidden Markov Models With Lower Span Complexity	Diogo Pereira, CEMAT, Instituto Superior Técnico	Instituto Superior Técnico, Room P3.10, Mathematics Building & ZOOM – 14.30	15-MAY-2024
Penalised Regression Splines for Spatial Capture-Recapture	Ben Stevenson, University of Auckland, New Zealand	Ciências – ULisboa SASLab (C6, Piso 4) & ZOOM – 14:00	08-MAY-2024
Dynamic Prediction of an Event Using Multiple Longitudinal Markers: A Model Averaging Approach	Taban Baghfalaki, Bordeaux University, Bordeaux, France	ZOOM – 14:00	17-APR-2024
Métodos para a Verificação do Pressuposto de Markov em Modelos Multiestado – Aplicação a Dados Reais Usando a Biblioteca R “MarkovMSM”	Gustavo Soutinho, Faculdade de Economia da Universidade do Porto (FEP) e Instituto Superior de Saúde Pública da Universidade do Porto (ISPUP)	ZOOM – 14:30	13-MAR-2024
Studying Co-Infection Systems with Many Strains Using the Replicator Equation	Erida Gjini, CEMAT, Instituto Superior Técnico	Instituto Superior	05-MAR-2024

		Técnico, Room P3.10, Mathematics Building & ZOOM – 15:00	
New Approaches to Study Over-Coverage In Population Registers	Bruno Santos, Stockholm University, Sweden	Ciências, ULisboa C6, Room 6.4.30 & ZOOM – 14:30	28-FEB-2024
Addressing Robustness in Covariate-Specific ROC Curves	Ana Bianco & Graciela Boente Universidad de Buenos Aires and CONICET, Argentina	IST, room 3.10 (DM, 3rd floor) & ZOOM – 14:30	21-FEB-2024
Air Quality Data Analysis with Symbolic Principal Components	Catarina Padrela Loureiro, Departamento de Matemática, Instituto Superior Técnico	ZOOM – 14:30	07-FEB-2024
An Additive Shared Frailty Model Using the Non-Central Chi-Squared Distribution with Zero Degrees of Freedom	Ivo Sousa-Ferreira, Department of Mathematics, Faculty of Exact Sciences and Engineering, University of Madeira, Portugal e CEAUL – Faculty of Sciences, University of Lisbon, Portugal	ZOOM – 14:30	24-JAN-2024

Other events Organized directly by members of CEAUL

(6)

Aleixo SM: Organization of the MATH24 workshop, at ISEL involving partner entities of the courses anchored in the Department of Mathematics of ISEL: Bachelor's Degree in Mathematics Applied to Technology and Business (LMATE) and Master's Degree in Mathematics Applied to Industry (MMAI), May 9-10,

URL: <https://isel.pt/eventos/math24-networking-workshop>

São João R: Seminar on 'Modelling Human Decision Making in the Context of Multicriteria Decision Making' given by Professor Alexandre Leoneti from the University of São Paulo, as part of the 'ESGTS 2024 Data Science and Artificial Intelligence Seminar Cycle', organised by the Quantitative Methods area lecturers and hosted by Professors Paulo Santos and Ricardo São João from the Department of Computer Science and Quantitative Methods, May 11, URL: <https://www.ipsantarem.pt/divulgacao-de-foto-do-inicio-do-ciclo-de-seminarios-sobre-ciencia-dos-dados-e-inteligencia-artificial/>

São João R: “AI Seminar: A Trio of Perspectives”, organised by Quantitative Methods, Management and Marketing lecturers of ESGTS and hosted by Professors Ricardo São João, Paulo Santos and Dário Félix. The seminar's main speaker was Prof Luiz Moutinho (top 100 scientists in M&B by research.com) who presented the topic ‘Futurey on thinking computing and knowledge Engineering’. The theme ‘Ethics and education in an Ai-Driven World’ was presented by Prof. Dário Félix - The trio of perspectives was completed by Prof. Paulo Santos who addressed the theme ‘CHATGPT: a Statistical Model’, Dec. 12, URL: <https://www.ipsantarem.pt/esgts-ai-seminar-a-trio-of-perspectives/>

São João R: ‘Statistics Can Explain Humour ?’ seminar given by Professor Ricardo São João, as part of the ‘ESGTS 2024 Data Science and Artificial Intelligence Seminar Cycle’, organised by the Quantitative Methods area lecturers and hosted by Professors Paulo Santos and Ricardo São João from the Department of Computer Science and Quantitative Methods. This seminar identified the different types of humour and how they can be measured in psychometric terms using specific instruments and scales. Various multivariate statistical techniques were also used, in particular factor analysis, which provided an answer to the modelling of humour by statistics, Dec. 18, URL: <https://www.ipsantarem.pt/esgts-a-estatistica-explica-o-humor/>

Silva C: Mathematics Afternoon “A Journey Through Mathematical Epidemiology Models,” presented by Henrique Oliveira from Instituto Superior Técnico, at the Lisbon School of Health Technology. The Mathematics Afternoons lecture series is a project created by the Portuguese Mathematical Society, Feb. 20.

Sousa L: Member of the Organizing Committee of the event “Pontes entre Biologia, Estatística, Informática e Matemática”. Faculty of Sciences, Lisbon University, May 15. URL: <https://pontes.campus.ciencias.ulisboa.pt/>

Invited Sessions Organized Directly by CEAUL

(2)

Gomes MI: “New Opportunities and Challenges in Statistics of Extremes”. Invited Session to the Institute of Mathematical Statistics (IMS) III International Conference on Statistics and Data Science (ICSDDS 2024), Nice, France, Dec.16-19, URL: <https://sites.google.com/view/ims-icsdds2024/>

Silva GL: "Joint Models for Longitudinal and Survival Data" Organizer of Invited session by Brazilian Statistics Association, XXV Brazilian Symposium on Probability and Statistics, Fortaleza - Brazil, Aug. 4-9, URL: <http://www.even3.com.br/sinape2024/>

Scientific and Organizing Committees

(32)

Gomes MI: Member of the Program Committee. Institute of Mathematical Statistics (IMS) III International Conference on Statistics and Data Science (ICS DS 2024), Nice, France, Dec. 17-19,

URL: <https://sites.google.com/view/ims-icsds2024/>

Gomes MI: Member of the Scientific Programme Committee. HiTEc & CoDES 2024, HiTEc meeting & Workshop on Complex Data in Econometrics and Statistics, Limassol, Cyprus, March 23-24,

URL: <https://www.cmstatistics.org/hiteccodes2024/committees.php>

Gomes MI and **Pestana D**: Members of the Scientific Committee. Encontro Nacional da SPMet — “Metrologia para a Sustentabilidade”, ISEP, Porto, Portugal, Oct. 25. URL: <https://www.iep.pt/9o-encontro-nacional-da-spmet-metrologia-para-a-sustentabilidade/>

Gomes MI, **Oliveira TA** (Executive Committee), **Oliveira A** and **Oliveira TA** (Organizing Committee), **Felqueiras M**, **Santos R** et al. (Scientific Committee): WSMC14 - 14th International Conference on Statistics, Mathematics and Computation, Nov 22-23, Universidade Aberta, Lisbon, Portugal,

URL: <https://sites.google.com/view/wsmc14/home>

Gomes MI and **Oliveira A**: Member of the Scientific Committee. of 8th Stochastic Modeling Techniques and Data Analysis International Conference, Athens, Greece, June 4-7, URL: <http://www.smtda.net/smtda2024.html>

Felqueiras M: Member of the Scientific Committee of the International Conference on Mathematics and AI for Industries, Lisbon, Nov 25-26., URL: <https://sites.google.com/view/icmai/home>

Felqueiras M: Member of the Scientific Committee of the 6th Statistics on health decision making, Aveiro, July, URL: <https://www.ua.pt/pt/estatisticamedica/6th-SHDM>

Felqueiras M: Member of the Scientific Committee of the 14th International Conference on Health and Social Care Information Systems and Technologies, Madeira, Nov. 13-15, URL: <https://hcist.scika.org/>

Felqueiras M: Member of the Scientific Committee of the 16th International Conference on ENTERprise Information Systems, Madeira, Nov.13-15, URL: <https://centeris.scika.org/>

Felqueiras M: Member of the Scientific Committee of the 12th International Conference on Project Management, Madeira, Nov. 13-15, URL: <https://projman.scika.org/>

Figueiredo FO: Member of the scientific committee of the 5th International Conference on Big Data and Blockchain (BDAB 2024), Vancouver, Canada, Feb. 24-25, URL: <https://sites.google.com/view/bdab-2024/program-committee-members>

Figueiredo FO: Member of the scientific committee of the CMCA 2024 : 13th International Conference on Control, Modelling, Computing and Applications, Sydney, Australia, Mar. 23-24
URL: <https://sites.google.com/view/cmca-2024/program-committee>

Figueiredo FO: Member of the scientific committee of the 3rd International Conference on Computer Science and Information Technology (COMSCI 2024), Virtual Conference, July 13-14, URL: <https://comsci2024.org/>

Figueiredo FO: Member of the scientific committee of the 3rd International Conference on Machine Learning, NLP and Data Mining (MLDA 2024), Virtual Conference, July 13-14,
URL: https://mlda2024.org/?&utm_medium=researchbib

Figueiredo FO: Member of the Scientific Program Committee of the 9th International Conference on Education (EDU 2024), online, July 13-14, URL: <https://edu2024.org/committee>

Figueiredo FO: Member of the scientific committee of the 4th International Conference on Big Data, IoT and Machine Learning (BIOM 2024), Chennai, India, Aug. 17.-18, URL: <https://comit2024.org/biom/committee#>

Figueiredo FO: Member of the Scientific Committee and Organizing Committee of the international conference IX Workshop on Computational Data Analysis and Numerical Methods (WCDANM | 2024), Évora, Sept. 5-7,
URL: <https://www.wcdanm2024.uevora.pt/>

Figueiredo FO: Member of the Scientific Committee of 14th International Conference on Statistics, Mathematics and Computation (WSMC14), Évora, Sept. 5-7, URL: <https://sites.google.com/view/wsmc14>

Martins JP: Member of the Organizing Committee. First Symposium on Biostatistics and Bioinformatics Applied to Health - SBBAH 2024, Porto, May3. URL: <https://sites.google.com/view/sbbah2024/home>

Oliveira A: Member of the Program Committee of Track: Knowledge Discovery and Business Intelligence, 3rd EPIA Conference on Artificial Intelligence, Viana do Castelo, Portugal, Sept. 3-6, URL: <https://epia2024.pt/thematic-tracks/knowledge-discovery-and-business-intelligence/>

Oliveira A: Member of the Scientific Committee of LIII International Biometrical Colloquium, Poznan, Poland, Sept. 8-11, URL: <https://kzmi.up.lublin.pl/ibc53/>

Oliveira A: Member of the Scientific Committee of ICMSA2024 - The 19th IMT-GT International Conference on Mathematics, Statistics and their Applications, Bangi Resort Hotel, Bangi, Selangor, Malaysia, May 27-28, URL: <https://icmsa2024.utar.edu.my/>

Oliveira A: Member of the Scientific Committee of Economics of Natural Resources and the Environment - 10th Conference, Volos, Greece, Dec. 6-7, URL: <http://envecon.econ.uth.gr/main/eng/index.php/main/31-10th-conference/26-conference-committees>

Oliveira A, Ramos MR and Oliveira TA: Members of the Scientific and Organizing Committees. 16th International Workshop on Mathematical E-Learning (E-MATH 2024), Universidade Aberta, Lisbon, Portugal, Nov 21, URL: <https://sites.google.com/view/16emath2024/home>

Palmela Pereira C: Member of the Scientific Board of the 10th International Congress of the School of Dental Medicine University of Zagreb, Zagreb, Croatia, Mar. 8-9, URL: <https://ascro.hr/wp-content/uploads/2024/03/9-abstracts-SDMZG-2024-1.pdf>

Palmela Pereira C: Member of the Scientific Committee of IOFOS e-Symposium Artificial Intelligence – Where are we in Forensic Odontology?, Dec. 7, URL: <https://iofos.eu/i-o-f-o-s-e-symposium-on-artificial-intelligence-where-are-we-in-forensic-odontology/>

Palmela Pereira C: Member of the Scientific Committee of 33rd Meeting of the Portuguese Dental Association (OMD), Nov. 21-23, Lisboa, URL: <https://www.umd.pt/congresso/2024/en/>

Palmela Pereira C: Chair of the Activity in Semana da Ciência e da Tecnologia 2024, protocol CEaul-ACL, Colloquium Dental Anthropology in Archeological remains from Portuguese, Brazilian and Croatian Collections, Academia das Ciências de Lisboa, Nov. 18, URL: <https://ciencias.ulisboa.pt/pt/evento/18-11-2024/dental-anthropology-in-archaeological-human-remains>

Santos R: Member of the Program Committee of the 16th International Conference on Knowledge Discovery and Information Retrieval (KDIR/IC3K 2024), Porto, Portugal, Nov. 17-19,
URL: <https://kdir.scitevents.org/ProgramCommittee.aspx?y=2024>

Santos R: Member of the Program Committee of the GBATA 2024 - 25th Annual International Conference of Global Business and Technology Association, Lisboa, July 9-12, URL: <https://gbata.org/conference/>

Silva C: Member of the Scientific Committee of the International Conference on Advanced Research in Technologies, Information, Innovation and Sustainability - ARTIIS2024, Santiago de Chile, Chile, Oct. 21-23,
URL: <https://www.artiis.org/past-edition/artiis-2024>

Silva C and **Sousa L:** Member of the Scientific Committee of the Computational and Applied Statistics - CAS2024, Hanoi, Vietnam, July 1-4, URL: <https://cas20249.webnode.page/>

ADVANCED TRAINING (15)

Bashir S: "Understanding Statistics". FCUL, September 9-11 (16 hours).

Marques TA: Short-course (3.5 hours) - "An introduction to Spatial Capture-recapture Models of Animal Density with ACRE" Organization: CEaul, May 13, (Professor Ben [Ben Stevenson](#), University of Auckland, New Zealand), URL: <https://ceaul.org/an-introduction-to-spatial-capture-recapture-models-of-animal-density-with-acre/>

Neves MM: collaborated with the Master's program in Agronomy and Natural Resources at the Faculty of Agricultural Sciences, José Eduardo dos Santos University, by teaching the Statistics and Experimental Design module. The course was conducted from January 15 to February 4, 2024, with 34 students in attendance. Jan. 15 - Feb. 4. The thesis preparation phase is now underway.

Palmela Pereira C: Trainer at the Investigators Training Course (CFI) of the Military Judiciary Police (PJM) aims to enable training them to exercise functions of criminal investigator of the PJM, providing them, among others, with extensive knowledge in the field of Criminalistics and Judicial Inspection. Duration of 8 hours (9 am to 5 pm), Dec. 11, Lisboa.

Palmela Pereira C: Trainer at the 6th Investigators Training Course (CFI) of the Civilian Police (PSP) aims to enable training them to exercise functions of criminal investigator of the PSP, providing them, among others, with

extensive knowledge in the field of Criminalistics and Judicial Inspection. Duration of 8 hours (9 am to 5 pm), Jan. 19, Lisboa.

Palmela Pereira C: Coordinator, member of the scientific committee, member of the organizing committee and lecturer of 11 hours in the 30 hours IOFOS Course, International Workshop on Age Estimation, Faculdade de Medicina Universidade de Lisboa, Apr. 3-6, Lisboa.

Palmela Pereira C: Coordinator, member of the scientific committee, member of the organizing committee and lecturer of IOFOS Course, International Course of Personal Identification with dental methods, School of Dental Medicine University of Zagreb, July 1-5, Croatia.

Ramos MR: Short-course (4 hours) - "Statistics Methods for Program Evaluation" Organization: Univ. Aberta and CEAUL, April 29, (Professor Gabriella Campolo – Unioversità degli Studi di Messina, Italy), URL:

<https://ceaul.org/statistical-methods-for-program-evaluation/>

Rufino MM and **Pereira S**: Workshop 'visualization and manipulation of spatial data using R'. Target: general public. Organization GADES and CEAUL. 8h online

São João R: «Assessing the impact of art on the learning process, inclusion and diversity» European Academy of Innovation in Erasmus+ mobility. Apr. 29 -May 3, Timisoara, Romania.

São João R: "Statistics and Data Analysis in Health with SPSS" in partnership with GADES Solutions, Cisco Webex platform (16 hours). May-June and Nov. - Dec., URL: <https://ceaul.org/estatistica-e-analise-de-dados-em-saude-com-spss-6/>and <https://ceaul.org/estatistica-e-analise-de-dados-em-saude-com-spss-7/>

São João R: "Statistics and Data Analysis with R" in partnership with GADES Solutions, Cisco Webex platform (16hours). Mar-Apr and Oct. - Nov. URL: <https://ceaul.org/estatistica-e-analise-de-dados-com-r-3/> and <https://ceaul.org/estatistica-e-analise-de-dados-com-r-4/>

São João R: "Statistics and Data Analysis with R -Advanced Level" in partnership with GADES Solutions, Cisco Webex platform (16hours). June-July, URL: <https://ceaul.org/estatistica-e-analise-de-dados-com-r-nivel-avancado/>

Silva GL and **Alves A**: Short-course (12 hours) - "Introdução à Teoria da Resposta ao Item" Organization: CEAUL, June 24-26, (Professor Heliton Tavares - Federal University of Pará, Brazil), URL: <https://minicursotri.weebly.com/>

Silva GL, Pereira S and **Alves. A**: Short-Course (12 hours) - "Estimação em Pequenas Áreas," Organization: CEAUL - FCUL, June 4-5, (Professor Fernando Moura - Federal University of Rio de Janeiro, Brazil), URL: <https://estimacaopa.weebly.com/>

PRIZES AND AWARDS

(4)

Domingues, TD: Recognition of teaching excellence - honorable mention (academic year 2022/2023) - Faculdade de Ciências, Universidade de Lisboa (assigned in 2024).

Palmela Pereira C: Award with the Diploma Membro Honorário da Associação Brasileira de Ética e Odontologia Legal, 16º CBOL, Aracaju, Brasil, Nov.12-15.

Ramos SF: PAPRE2024 (Programa de Apoio à Publicação em Revistas Científicas de Elevada qualidade - P.PORTO). Publication: Soares C, Moreira MM, Ramos SF, Ramalhosa MJ, Correia M, Švarc-Gajić J, Delerue-Matos C, Barroso MF. A Critical Assessment of Extraction Methodologies for the Valorization of Agricultural Wastes: Polyphenolic Profile and Bioactivity (2023). Processes 11 (6) (2023) 1767.

Sousa-Ferreira I: Merit and Value distinction by the Funchal City Council (CMF) for his outstanding academic achievements and contributions to his community. This distinction is awarded to individuals up to 35 years old who have recently completed a higher education degree and are evaluated based on their academic performance, extracurricular activities that demonstrate civic engagement, and a personal interview assessing social and personal skills. Recipients of this distinction receive financial recognition, promoting personal and professional growth, and rewarding dedication and excellence., URL: <https://www.funchal.pt/apoios-sociais/educacao/bolsas-de-merito-e-de-valor>

CONSULTANCY AND SPONSORSHIP

(6)

Antunes M, de Zea Bermudez P, Pereira S and **Sousa L**: Projeto PRR C21-i07_01 – Regulamento RAPID. The PRR EÓLICAS project aims to carry out the environmental characterization of areas established for the

installation of infrastructure for the generation of offshore wind energy by the Allocation Plan for Oceanic Renewable Energy (PAER) in Continental Portugal. Principal Investigator: **Antunes M.** Institution: Instituto Português do Mar e da Atmosfera – IPMA. June 2024 to April 2026.

Domingues TD. SAS LAB - SAS Lab project: *Programa de Certificação em SAS para alunos Ciências.*

Financed By: FCIências.ID. Participating institutions: FCIências.ID. Principal investigator: Domingues

TD - Domingues TD. URL: https://www.sas.com/pt_pt/events/2023/sas-certification-for-students.html

Martins R: Evaluator of research projects submitted for funding to the Science Fund of the Republic of Serbia.

Palmela Pereira C: Proposed Project Leader of NP (New Work Item Proposal) for ISO/TC 106/SC3/WG5:

Dentistry -Vocabulary for Source Conclusion for Human Identification by Dental Evidence. Reference number:

ISO/CD 21611. Circulation date: 2023-04-20. It was approved for a CD stage 2024, New Orleans 2024. Delegate

of ISO TC 106 - Dentistry. The Proposer of this document was Portugal, by IPQ,

URL: <https://www.iso.org/standard/86829.html?browse=tc>

Palmela Pereira C: Forensic Odontologist expertise for the Courts.

São João R: Consultancy for GADES Solutions

OTHER

(17)

Figueiredo FO: Member of the executive board and representative of CEAUL at PT-MATHS-IN (Portuguese Network of Mathematics for Industry and Innovation).

Figueiredo FO, Ramos SF and **Silva C:** Effective member of the "Technical Commission for Standardization- Applications of Statistical Methods, IPQ/CT 225", a group within the ISO technical committee, as representative of CEAUL.

Marques CS and Oliveira E: Workshop by invitation "Introdução às Redes Neurais Artificiais", XXIV Encontro Nacional de Estudantes de Biologia, Mar. 23.

Marques CS: Class given to MSc students from Biostatistics, “Addressing data scarcity in classification of vertebrate footprints using transfer learning and procedurally simulated footprints”, Faculdade de Ciências, Universidade de Lisboa, Nov. 18.

Marques CS: Participation in the European Researcher’s Night with the activity “Dinossáurios no quintal: decifrando ecossistemas do Jurássico”, Museu Nacional de História Natural e da Ciência, Lisboa, Sept. 27, URL: <https://noitedosinvestigadores.org/programas-locais/programa-lisboa-2024/>

Marques CS: Participation in Verão ULisboa with the activity “Em busca de dinossáurios (e outros vertebrados) no Jurássico de Portugal”. Talk “O uso de novas tecnologias para ajudar a desvendar mistérios de Paleontologia”, July 4.

Martins R: Jury member of the competition "Junior Statistician 2024" organized by the Portuguese Statistical Society (SPE), URL: https://spestatistica.pt/storage/app/media/Regulamento_PEJ_2024.pdf

Palmela Pereira C: President of International Organization for Forensic Odonto-Stomatology (IOFOS), URL: <https://iofos.eu/>

Palmela Pereira C: Portuguese Delegate from the subworking group Forensic Odontology from DVI Working group of INTERPOL. Nominated by the Portuguese Judicial Police 2024.

Palmela Pereira C: Vice-Chair of the Consensus Body of Forensic Odontology from Academy Standards Board (ASB), AAFS 2024, URL: <https://www.aafs.org/academy-standards-board/consensus-bodies>

Palmela Pereira C: IPQ delegated from Portugal on ISO TC 272 - Forensic Sciences and on ISO TC106 - Dentistry, SC3 WG1, WG2 and WG5.

Palmela Pereira C and **Sousa L**: Effective members of "Comissão de Ética de Ciências" (CEC) – Faculdade de Ciências da Universidade de Lisboa.

Ramos SF: Participation in national Committees – National data manager in data manager in the Programme for the International Assessment of Adult Competencies, PIAAC.

Rufino MM: Editor for the Earth System Science Data, Copernicus. IF: 11.815., URL: https://www.earth-system-science-data.net/editorial_board.html 2024

Rufino MM: Editor for the ICES Journal of Marine Science,

URL: https://academic.oup.com/icesjms/pages/Editorial_Board

Silva C: Collaborator at the Department of Health Quality of the Directorate-General of Health.

Contributes to the implementation and monitoring of the National Patient Safety Plan, particularly in the area of Safety Culture. Responsible for processing data from national surveys conducted in both hospitals and health centres. Also responsible for preparing reports for the OECD.

Silva C: Statistical Consultant at the Portuguese Association for Hospital Development.

COMPUTATIONAL APPLICATIONS

(1)

Abreu AM, **Sousa-Ferreira I** and Rocha C: R Statistical Software Package. ecpdist: Extended Chen-Poisson

Lifetime Distribution. R package version 0.2.1.(2024) URL: <https://doi.org/10.32614/CRAN.package.ecpdist>