

# CURRICULUM VITAE

COMPLETE

Francisco Louzada

ICMC-USP

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## 1 General

Francisco Louzada is a Professor of Statistics at University of São Paulo (USP), Brazil, and Director of Technology Transfer and Executive Director of External Relations of the Center for Research, Innovation and Dissemination of Mathematical Sciences in Industry (CEPID-CeMEAI). His main interests are survival analysis, data mining and statistical inference. He is Ph.D. from University of Oxford, UK, M.Sc. from USP, Brazil, and B.Sc. from UFSCar, Brazil. He is single and joint author of 05 books, 19 booklets and 202 publications in statistical peer reviewed journals and book chapters. He has supervised 163 students (post-docs, PhDs, masters and undergraduates). He is Editor-in-Chief of the Brazilian Journal of Probability and Statistics (BJPS), and Editor-in-Chief of the Springer book series SpringerBriefs in Statistics - ABE. He has served as President of the Brazilian Statistical Association (ABE). Prof. Louzada has provided conducting, training and technological transferring of statistical methodologies for 45 companies and institutions.

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Complete CV at <http://lattes.cnpq.br/0994050156415890>

### **Main Positions**

Full Professor of Statistics at University of São Paulo, at the Institute for Mathematical Science and Computing (ICMC-USP)

Research Productivity Fellow of the CNPq - Level 1B

Director of the Centre for Mathematical and Statistical Sciences Applied to Industry (CeMEAI)

Director of Technology Transfer and Executive Director of External Relations of the Center

for Research, Innovation and Dissemination of Mathematical Science in Industry (CEPID-CeMEAI)

Director of the Centre for Assessment of Risk (CER-ICMC-USP)

Before: Director of the Centre for Assessment of Risk (CER-UFSCar) for 10 years, Assistant Professor at UFSCar for 21 years, Director for Graduate Studies in Statistics at UFSCar for 10 years, and Director for Under-Graduate Studies in Statistics at Universidade Federal de São Carlos (UFSCar) for 2 years.

### **Editorial Positions**

Editor in Chief – Brazilian Journal of Probability and Statistics (ABE/IMS)

Editor – Sankhya A (Springer)

Editorial Advisory Board – Journal of Applied Statistics (Taylor & Francis), Biometrical Brazilian Journal/Revista Brasileira de Biometria (UNESP)

Associate Editor – Communications in Statistics Series: Theory and Methods, Simulation and Computation, Data Analysis and Case Studies, Quality Tech. & Quantitative Management - QTQM (Taylor & Francis), Journal of Statistical and Econometric Methods (Scienpress), Revista Brasileira de Estatística (IBGE/ABE)

Book Editorial Board – SpringerBriefs in Statistics - ABE (Springer), Fisher Project of Statistical Books (Blucher)

Before: Editor-in-Chief of the Brazilian Journal of Statistics for 6 years, Editor of the Technical Reports of the DEs-UFSCar 15 years.

### **Service**

President of the Brazilian Statistical Association (ABE), Member of the Internal Committee for Assessment of the Federal University of São Carlos, Member of the University Council of the Federal University of São Carlos, Member of the Indicators Study Group on Higher Education (GEIES-INEP), Financial support requester for more than 10 conferences (total grant of more than R\$ 800.000,00).

Before: Past-President of the Brazilian Statistical Association for 2 years, Past-Secretary of the Brazilian Chapter of the International Society for Bayesian Analysis for 2 years.

### **Academic Record**

PhD in Statistics (1998, Oxford, UK), MSc in Computational Mathematics (1991, Universidade de São Paulo - USP, Brazil), BA in Statistics (1988, Universidade Federal de São Carlos - UFSCar, Brazil).

### **Current Research Interests**

Classical & Bayesian Inference, Classification, Data Mining, Hazard Models, Survival Analysis.

### **Publication Record**

More than 200 single & joint author papers published/accepted in statistical peer reviewed journals, 05 books and 19 booklets in statistical related subjects.

### **Products – Softwares & Systems**

SAD; SIGERES; SAO – Modules: Institution, Event, Hotel, Restaurant, Library; SPC Online – Modules: Univariate Analysis, Multivariate Analysis, Capability; iSports, R package BayesDccGarch, R package Optimal Theta Method.

### **Students Record**

Ongoing: 3 Posdocs, 9 PhDs, 8 Masters, 16 Undergraduates. Complete: 9 Pos Docs, 19 PhDs, 38 Masters, 80 Undergraduates.

### **Research Presentation Record**

More than 150 presentations (most in several parts of Brazil, but various abroad). Latterly, most are invited.

### **Consulting**

Consulting, training and technology transfer to companies and institutions of different areas, among which: Corrêa da Costa e Associados (including project for Infoglobo, Net, Sercomtel), GISMARKET, StatSoft South America (including project for Companhia Siderúrgica de Tubarão, Companhia Vale do Rio Doce, Aço Minas, Cenpes-Petrobrás, Sachs, SunCoke, FCC, UOL), Ecolyser, UNIBANCO-AIG, Mineração Jundú, UNILEVER, Clariant, Banco do Brasil, Itaú-Unibanco, Editora Abril S.A., Banco ABN AMRO Real S.A., Aliança do Brasil S.A., Santander Banespa S.A., SERASA-Experian, Curado & Associados, UOL, Eletrolux, Educativa, DataEduc, Instituto Nacional de Estudos e Pesquisas Anísio Teixeira (INEP) under contract of ONU/PNUD, CPA-UFSCar, Grupo Stefane, Eco das Letras, Reenvolta Cooperativa, Escola Meninos da Vila-São Carlos, Reitoria-UFSCar, United Nations (UN), World Health Organization (WHO), Bill and Melinda Gates Foundation, Vitreous Materials Laboratory-UFSCar, Câmara de Comércio e Indústria Brasil-Alemanha, Smart Coach.

Conducting work on Big Data Analysis, Sampling, Business Intelligence, TRI, Customer Relationship Management, Customer Satisfaction, Data Mining, Design of Experiments, Determination of Attrition Score, Determination of Behaviour Score, Determination of Collection Score, Determination of Credit Score, Determination of premium for Safety and Health Plans, Evaluation of Clinical Trials, Forecasting, Fraud Detection, Industrial reliability, Multivariate Analysis, Precision Marketing, Regression Modelling, Risk Analysis, Sampling, Segmentation, Statistical Modeling, Statistical Quality Control, Survival Analysis, Time Series Analysis.

### **Distinctions (including the ones together with my co-authors)**

2016 Best LACSC Paper Award, 1st Latin American Conference On Statistical Computing (LACSC), Gramado, Brazil; 2016 Third Place, Competition "Best PhD Thesis", 61<sup>o</sup> RBRAS, Salvador, Brazil; 2015 Jan Tinbergen Award, International Statistical Institute, 60th ISI World Statistics Congress, Brazil; 2015 NSG Research Award, Nippon Sheet Glass (NSG) Foundation for Materials Science and Engineering, Japan; 2014 Patron of the 2nd Class Degree in Statistics, ICMC, USP, Brazil; 2014 King Abdulaziz Univerisity Award for Scientific Publication, King Abdulaziz Univerisity, Saudi Arabia; 2013 Patron of the 1st Class Degree in Statistics, ICMC, USP, Brazil; 2013 Elected Member of the International Statistical Institute (ISI), Netherlands; 2012 Medal of Honor, Universidade Federal de São Carlos, Brazil; 2012 Honorable Mention, Competition "Best Work of Undergraduate Research", 20o SINAPE, ABE, Brazil; 2010 SOBRAPO World Cup 2010 Football Forecast Competition - Track B, com o CER World Cup Model, Brazil; 2010 Honorable Mention, Competition "Best Work of Undergraduate Research", 19o SINAPE, ABE, Brazil; 2010 Medal of Honor, Universidade Federal de São Carlos, Brazil; 2007 Homenagem da Secretaria Municipal de Educação e Cultura, Prefeitura Municipal de Guariba, Brazil; 2001 Francisco Aranda-Ordaz Award (honorable Mention), International Bernoulli Society, Cuba; 2000 Patron of the 1997 Class Degree in Statistics, UFSCar,

Brazil; 1999 Young Investigator Award, Universidade Federal de São Carlos, Brazil; 1999 Medal of Honor, Câmara Municipal, Guariba, Brazil; 1998 Arnold Prize, Royal Statistical Society (RSS) Congress, Glasgow, UK; 1998 College Book Graduate Prize, Saint Peter's College, Universidade de Oxford, UK.

## **2 Research Projects And Products** (Last 5 years)

### **2.1 Academic Projects**

1. FAPESP. CEPID (2013 a 2017). Center for Mathematics Sciences Applied for Industry. Status: in progress. Coordinator: José Alberto Cuminato (ICMC-USP). Position: Technology Transfer Coordinator / Executive Director of External Relations. Amount: US\$ 5 million.
2. USP. INFRA 2012/2015. LABINTE - Laboratório Integrado de Sistemas Complexos, Modelagem de Risco e Visualização de Dados. USP Program for Expansion and Improvement of Research Infrastructure. Status: in progress. Position: Coordinator. Amount: US\$ 200.000,00
3. ICMC-USP. Echoing numbers (2014-2016). Eco do Números: Módulo Introdutório de Estatística. Position: Coordinator. Programa de Incentivo às Ações de Extensão do ICMC. Amount: R\$ 2.000,00.
4. FAPESP. Financial support for Research (2011 a 2013). Métodos de Classificação e Predição Bayesiana para Dados de Sobrevivência de Longa Duração Usando Modelagem de Partição. Status: finalized. Position: Coordinator/participant. Amount: R\$ 26.000,00.
5. Projeto Universal CNPq. Financial support for Research (2010 a 2012). Modelos de Sobrevivência Bivariados de Longa Duração induzidos via Funções de Dependência. Status: finalized. Position: Coordinator. Amount: R\$ 13.500,00.

### **2.2 Projects for Conference Organization**

1. FAPESP. Congress Financial Support. 22th National Symposium on Probability and Statistics (2016). Status: in progress. Position: Coordinator. Amount: R\$ 227.098,00.
2. CNPq. Congress Financial Support. 22th National Symposium on Probability and Statistics (2014). Status: finalized. Position: Coordinator. Amount: R\$ 20.000,00.
3. FAPESP. Congress Financial Support. International Society for Business and Industrial Statistics (ISBIS) Satellite Conference (2015) with focus on Quality Control and Improvement. Status: in progress. Position: Coordinator. Amount: R\$ 27.723,00.
4. FAPESP. Congress Financial Support. 3rd Workshop on Probabilistic and Statistical Methods (2015). Status: finalized. Position: Coordinator. Amount: R\$ 29.339,50.

5. CNPq. Congress Financial Support. 21th National Symposium on Probability and Statistics (2014). Status: finalized. Position: Coordinator. Amount: R\$ 42.000,00.
6. FAPESP. Congress Financial Support. 21th National Symposium on Probability and Statistics (2014). Status: finalized. Position: Coordinator. Amount: R\$ 296.060,00.
7. FAPESP. Congress Financial Support. 2nd Workshop on Probabilistic and Statistical Methods (2014). Status: finalized. Position: Coordinator. Amount: R\$ 17.188,00.
8. CNPq. Congress Financial Support. Sixth Brazilian Conference on Statistical Modelling in Insurance and Finance (2013). Status: finalized. Position: Coordinator. Amount: R\$ 19.500,00.
9. FAPESP. Congress Financial Support. Workshop on Probabilistic and Statistical Methods (2013). Status: finalized. Position: Coordinator. Amount: R\$ 16.000,00.
10. FAPESP. Congress Financial Support. XII Escola de Modelos de Regressão (2011). Status: finalized. Position: Coordinator. Amount: R\$ 97.000,00.

### **2.3 Consulting/Assessment Projects**

1. Associação Brasileira de Estatística (ABE), StatSoft LatinAmerica. Project. Eco dos Números (Echoing Numbers). Position: Coordinator.
2. Reenvolta Coop, Prefeitura da Cidade de Matão. Project: SISGERES - Sistema de Gestão de Resíduos Sólidos Municipais. Position: Coordinator.
3. ICMC-USP. Project: SAD - Sistema de Avaliação de Disciplinas. Position: Coordinator.
4. INEP (Instituto Nacional de Estudos e Pesquisas Anísio Teixeira) under contract of United Nations (UN/PNUD). Project: A revised methodology for calculating the Preliminary Course Concept (CPC). Position: Coordinator.
5. CEPID-CEMAI-FAPESP. Project: SPC Online System – Module Multivariate. Position: Coordinator.
6. CER. Project: SPC Online System – Module Multivariate. Position: Coordinator.
7. CEPID-CEMAI-FAPESP. SAO Restaurant, SAO Hotel, SAO Institucional, SAO Eventos, SAO Election. Position: Coordinator.
8. CNPq, CAPES, CER. Project: Statistical modeling for prediction of survival in women with breast cancer. Position: Participant.
9. CAPES, CNPq, CER. Project: Detection of Sport Talents. Position: Coordinator.
10. CAPES, CNPq, CER. Project: Statistical Modeling for Malaria Data. Position: Coordinator.
11. FAPESP, CNPq, CER. Project: Statistical Modeling for Leptospirosis Notification Data. Position: Participant.

12. CER. Project: Determination of the Predictive Capacity of Diagnostic Tests For Chagas Disease. Position: Coordinator.
13. CER. Project: Statistics Applied to Sports 2014 – Brazilian, English, Spanish leagues and Word Cup Tournament. Position: Coordinator.
14. WHO, FMRP-USP, Melinda Gates Foundation. Project: BOLD - Research and Development of Innovative Tools for Better Outcomes in Labor Difficulty. Position: Participant.

## **2.4 Completed Consulting/Assessment Projects**

1. 2015. CPA-UFSCar. Project: Sampling and analysis of institutional data of the year 2010, 2011, 2012, 2013, 2014 of the UFSCar for evaluating courses, disciplines and graduate students, via a online and real time assessment instrument developed by the CER team.
2. 2015. CEPID-CeMEAI-FAPESP. ICMC Library. SAO Library. Position: Coordinator.
3. 2015. INEP (Instituto Nacional de Estudos e Pesquisas Anísio Teixeira) under contract of United Nations (UN/PNUD). Project: A revised methodology for calculating the Preliminary Course Concept (CPC).
4. 2015. Project: SPC Online System – Module Univariate.
5. 2014. CER, CPA-UFSCar, ABE. Web Statistical System (Sistema de Avaliação Online – SAO) – Module SAO Institucional. Position: Coordinator.
6. 2014. German Brazilian Chamber of Commerce and Industry. Project: Online Inquiry form.
7. 2013. SERASA EXPERIAN. Project: Probabilistic Networks Applied to Credit Scoring. Position: Coordinator.
8. 2011. Rectory-UFSCar. Project: Construindo Pontes Institucionais Para Construção do Campus UFSCar Lagoa do Sino.
9. 2010. UOL. Project: Probabilistic Networks Applied to Fraud Modeling in Virtual Environments
10. 42 Satisfaction Surveys: Satisfaction Survey 36a CNMAC, Gramando (up coming), Satisfaction Survey 22o SINAPE, Porto Alegre (up coming), Satisfaction Survey 13th EBEB, Belo Horizonte (2016), Satisfaction Survey 60th WSC ISI 2015, Rio de Janeiro (2015), Satisfaction Survey 67a SBPC. São Carlos (2015), 14a EMR, Campinas (2015), 35a CNMAC, Natal (2014), III Jornada Internacional de Probabilidad y Estadística, Peru (2014), 21o SINAPE (2014), 59o RBRAS (2014), 13o EBEB (2014), 2nd Workshop on Probabilistic and Statistical Methods USP-ICMC (2014), Club Bar - Guaribinha Clube (2013), BIN@BRAZIL (2013), 12o MGEST (2013), 15o ESTE (2013), 58o RBRAS and 15o SEAGRO (2013), I Encontro Luso-Galaico de Biometria (2013), I Encontro Português de Biometria (2013), 15a Escola de Séries Temporais e Econometria (2013), 1a Semana de Pós-Graduação em Ciência Política da UFSCar (2013), VI Brazilian Conference on Statistical Modelling In Insurance and Finance (2013), 13a Escola de Modelos e Regressão

(2013), 2a Semana da Estatística UFSCar (2012), Workshop on Probabilistic and Statistical Methods USP-ICMC (2012), 3o Encontro Nacional de Engenheiros Físicos (2012), 8o Simpósio Brasileiro de Engenharia Física (2012), 20o SINAPE (2012), Escola Meninos da Vila - São Carlos (2012), Percepção Arquitetônica do Espaço de Trabalho, UFSCar (2011), Cursos REUNI UFSCar (2011), III ESAMP (2011), Disciplinas UFSCar (2010), Avaliação dos Egressos UFSCar (2010).

11. 07 Sport Forecasts: Brasileirão 2014 (2014), FIFA World Cup (2014), Spanish League 2014 (2014), English League 2014 (2014), Brasileirão 2013 (2013), Brasileirão 2011 (2011), FIFA World Cup (2010).

## 2.5 Products

1. SAD: Sistema de Avaliação de Disciplinas - ICMC, 06/2016
2. Sistema de Votação de Mudança de Estatuto, Associação Brasileira de Estatística (ABE), 05/2016
3. SIGERES: Sistema de Gestão de Resíduos Sólidos Municipais, 03/2016
4. SAO Library. Link: <http://mwstat.com/icmc>
5. R package BayesDccGarch. Version 1.0 available on CRAN.
6. R package Optimal Theta Method. Version 1.0 to be available on CRAN.
7. SPC Online System - Module Univariate Analysis. Link: <http://mwstat.com/cep>
8. SAO Restaurant. Link to the questionnaire: [www.mwstat.com/restaurante](http://www.mwstat.com/restaurante), link to the online report: [www.mwstat.com/restaurante/log-rel.php](http://www.mwstat.com/restaurante/log-rel.php), password: admin
9. SAO Hotel
10. SAO Institucional – Customized to UFSCar. Link: <http://www.avaliacao.ufscar.br>
11. SAO Event (The SAO Event has been intensively used for evaluate the degree satisfaction of delegates in various congresses in Brazil and abroad).
12. iSports. Link: <http://www.mwstat.com/isports/>

## 3 Publications

### 3.1 Books

1. Polpo de Campos, A., Louzada, F., Ramos Rifo, L., Stern, J. M., Lauretto, M. (Eds.) Interdisciplinary Bayesian Statistics. New York: Springer, 2015. 366p.
2. Migon, H. S. ; Gamerman, D. ; Louzada, F. Statistical Inference: An Integrated Approach, Second Edition. London: Chapman & Hall/CRC, 2014, 385p.

3. Louzada, F. ; Diniz, C. ; Ferreira, P. ; Ferreira, E. Controle Estatístico de Processos - Uma abordagem prática para cursos de Engenharia e Administração. 1. ed. Rio de Janeiro: LTC Editora, 2013. 269p.
4. Louzada-Neto, F. ; Diniz, C.A.R. . Técnicas Estatísticas em Data Mining. Lima, Peru: Instituto de Matematicas y Ciencias Afines, IMCA, 2002. 102p.
5. Louzada-Neto, F. ; Mazucheli, J. ; Achcar, J.A. . Análise de Sobrevivência e Confiabilidade. Lima, Peru: Instituto de Matematicas y Ciencias Afines, IMCA, 2002. v. 1. 107p.

### **3.2 Books of Short-courses in Congresses**

1. Diniz, C. A. R.; Louzada, F. Métodos Estatísticos para Análise de Crédito. 1. ed. São Paulo: 6th Brazilian Conference on Statistical Modelling in Insurance and Finance, 2013. v. 1. 129p.
2. Diniz, C. A. R.; Louzada, F. Modelagem Estatística para Risco de Crédito. 1. ed. São Paulo: 21th SINAPE - Associação Brasileira de Estatística (ABE), 2012. v. 1. 178p.
3. Diniz, C. A. R. ; Louzada-Neto, F. . Modelagem estatística em detecção de fraude. Salvador: 10a Escola de Modelos de Regressão - Associação Brasileira de Estatística, 2007. v. 1. 109 p.
4. Diniz, C. A. R. ; Louzada-Neto, F. . Data Mining Via Software Statistica. São Carlos: Monografia Bacharelado em Estatística UFSCar 30 Anos, 2006. v. 1. 90 p.
5. Louzada-Neto, F. ; Mazucheli, J. ; Achcar, J.A. . Tópicos em análise de sobrevivência e confiabilidade. 1. ed. Manaus: Departamento de Estatística - Universidade do Amazonas, 2003. v. 1. 166 p. B
6. Louzada-Neto, F. ; Mazucheli, J. ; Achcar, J.A. . Uma Introdução à Análise de Sobrevivência e Confiabilidade.. Maringá: 3a Jornada Regional Estatística, 2002. 137 p.
7. Diniz, C.A.R. ; Louzada-Neto, F. . Data Mining e Estatística. , 2002. v. 1. 36 p.
8. Louzada-Neto, F. ; Mazucheli, J. ; Achcar, J.A. . Curso Una Introducción al Análisis de Sobrevivencia y Confiabilidad. Antofagasta: Sciedad Chilena de Estadística, 2001. v. 1. 114 p.
9. Diniz, C.A.R. ; Louzada-Neto, F. . Data Mining: Uma Introdução. 1. ed. Caxambú: 14th SINAPE - Associação Brasileira de Estatística (ABE), 2000. v. 1. 134 p.

### **3.3 StatSoft South America Booklet Colection**

1. Diniz, C. A. R. ; Louzada-Neto, F. . Controle Multivariado de Processos: Princípios Gerais e Aplicação no Software Statistica. São Caetano do Sul: StatSoft South America, 2008. 97p.
2. Louzada-Neto, F. ; Diniz, C. A. R.. Séries Temporais. São Caetano do Sul: StatSoft South America, 2003. 80p.



3. Louzada-Neto, F. ; Diniz, C. A. R.. Data Mining DM. São Caetano do Sul: StatSoft South America, 2003. 80p.
4. Diniz, C. A. R. ; Louzada-Neto, F. . Modelos Lineares e Não-Lineares. São Caetano do Sul: StatSoft South America, 2003. 77p.
5. Diniz, C. A. R. ; Louzada-Neto, F. . Análise do Processo. São Caetano do Sul: StatSoft South America, 2003. 160p.
6. Diniz, C. A. R. ; Louzada-Neto, F. . Análise Multivariada em Ambiente Mining. São Caetano do Sul: StatSoft South America, 2003. 91p.
7. Louzada-Neto, F. ; Diniz, C. A. R.. Modelagem para Detecção de Fraudes. São Caetano do Sul: StatSoft South America, 2003. 135p.
8. Diniz, C. A. R. ; Louzada-Neto, F. . Planejamento de Experimentos DOE. São Caetano do Sul: StatSoft South America, 2003. 144p.
9. Louzada-Neto, F. ; Diniz, C. A. R.. Controle Estatístico de Processo CEP. São Caetano do Sul: StatSoft South America, 2003. 78p.

### **3.4 Divulation Booklet**

1. Yasmim Reis; Fernando Chamer; Jorge Luis Bazan-Gusman; Francisco Louzada. Estatística. Associação Brasileira de Estatística (ABE), 2015, 12p.

### **3.5 Book Chapters**

1. Bazan, J. L. ; Louzada, F. . Explorando algumas propostas para os Indicadores da Educação Superior no Brasil. Projeto Dez Anos do SINAES, INEP, forthcoming (453).
2. Louzada, F. ; Bazan, J. L. . Uma revisão sistemática da literatura a respeito dos Indicadores da Educação Superior no Brasil. Projeto Dez Anos do SINAES, INEP, forthcoming (444).
3. Martino, L. ; Elvira, V. ; Luengo, D. ; Louzada, F. . Parallel Metropolis chains with cooperative adaptation. Proceedings of the 41st IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2016), Shanghai, China. forthcoming (446). Free available online version: arXiv:1509.07993.
4. Martino, L. ; Plata, J. ; Louzada, F. .A Monte Carlo Scheme for Node-Specific Inference Over Wireless Sensor Networks, IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM), 2016. Shanghai, China. forthcoming. Free available online version: <http://vixra.org/pdf/1603.0180v4.pdf>.
5. Martino, L. ; Elvira, V. ; Luengo, D. ; Louzada, F. . Adaptive Population Importance Samplers: A General Perspective. IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM), 2016. Rio de Janeiro, Brazil.

6. Martino, L. ; Elvira, V. ; Luengo, D. ; Louzada, F. . Weighting a Resampled Particle in Sequential Monte Carlo, IEEE Workshop on Statistical Signal Processing (SSP), 2016. Mallorca, Spain. Free available online version: <http://vixra.org/pdf/1602.0333v1.pdf>.
7. Martino, L. ; Elvira, V. ; Luengo, D. ; Louzada, F. . Alternative Effective Sample Size measures for Importance Sampling, IEEE Workshop on Statistical Signal Processing (SSP), 2016. Mallorca, Spain.
8. Fioruci, J. A. ; Yiqi, B., Louzada, F. ; Cancho, V. G. . Bayesian Approach of the Exponential Poisson Logarithmic Model. In: Interdisciplinary Bayesian Statistics, Polpo de Campos, A., Louzada, F., Ramos Rifo, L., Stern, J.M., Lauretto, M. (Eds.), Springer Proceedings in Mathematics & Statistics, vol. 118, pp 253-262, Springer, 2015.
9. Louzada, F. ; Suzuki, A. ; Salasar, L. E. B. ; Ara, A. ; Leite, J. G. . A Bayesian Approach to Predicting Football Match Outcomes Considering Time Effect Weight. In: Interdisciplinary Bayesian Statistics, Polpo de Campos, A., Louzada, F., Ramos Rifo, L., Stern, J.M., Lauretto, M. (Eds.), Springer Proceedings in Mathematics & Statistics, vol. 118, pp 149-162, Springer, 2015.
10. Macera, M. A. C. ; Louzada, F. ; Cancho, V. G. . The Exponential-Poisson Regression Model for Recurrent Events: A Bayesian Approach. In: Interdisciplinary Bayesian Statistics, Polpo de Campos, A., Louzada, F., Ramos Rifo, L., Stern, J.M., Lauretto, M. (Eds.), Springer Proceedings in Mathematics & Statistics, vol. 118, pp 347-356, Springer, 2015.
11. Prado, S. M. ; Louzada-Neto, F. ; Rinaldo, J. G. S. ; Benzé, B. G. . A new distribution for service model with state dependent service rate. In: Jacek Stando; Yoshiro Imai. (Org.). Informatics & Applications. International Conference. 2ND 2013. (ICIA 2013). 1ed. Lodz, Poland: Institute of Electrical and Electronics Engineers (IEEE), 2013, v. 1, p. 294-299.
12. Saraiva, E. F.; Louzada, F.; Milan, L. A.; Meira, S.; Cobre, J. A Predictive Approach to Identify Genes Differentially expressed. AIP Conf. Proc. 1490, XI Brazilian Meeting on Bayesian Statistics, 314-322, 2012.
13. Louzada-Neto, F. Accelerated Lifetime Testing. In: Springer. (Org.). International Encyclopedia of Statistics. International Encyclopedia of Statistics. 1ed.Kragujevac: Miodrag Lovric, v. 1, p. 3-5, 2011.
14. Achcar, J. A. ; Martinez, E. Z. ; Louzada, F. . Binary data in the presence of misclassifications . Proceedings Of The 16th Symposium Of Iasc On Computational Statistics, Springer-Verlag, v. 1, p. 581-587, 2004.

### 3.6 Papers

2016

1. Martino, L. ; Stern, R. B. ; Louzada, F. . Comments on the paper Efficient Metropolis-Hastings Proposal Mechanisms for Bayesian Regression Tree Models by Matthew T. Prato. Bayesian Analysis. forthcoming (468).

2. Martino, L. ; Elvira, V. ; Luengo, D. ; Corander, J. ; Louzada, F. . Orthogonal parallel MCMC methods for sampling and optimization. *Digital Signal Processing*. forthcoming (430).
3. Ferraudo, G. M. ; Louzada, F. ; Ferreira, J. F. . Inference of the Market Value of Urban Lots from the Perspective of Survival. *Pesquisa Operacional*. forthcoming (442).
4. Ramos, P.L. ; Louzada, F. ; Cancho, V. G. . Maximum Likelihood Estimation for the weighted Lindley Distribution Parameters under Different Types of Censoring. *Biometric Brazilian Journal*. forthcoming (408).
5. Ramos, P.L. ; Louzada, F. . Comments on "The Exponentiated Inverted Weibull distribution". *Applied Mathematics & Information Sciences*. forthcoming (424).
6. Mazucheli, J. ; Ghitany, M.E. ; Louzada, F. . Comparisons of Ten Estimation Methods for the Parameters of Marshall-Olkin Extended Exponential Distribution. *Communications in Statistics: Computation and Simulation*. forthcoming (326).
7. Martino, L. ; Louzada, F. . Issues in the Multiple Try Metropolis mixing. *Computational Statistics*. forthcoming (432).
8. Louzada, F. ; Ferreira, P. H. . On the Classical Estimation of Bivariate Copula-based Seemingly Unrelated Tobit Models through the Proposed Inference Function for Augmented Margins Method. *Journal of Data Science*. forthcoming (411).
9. Yiqi, B. ; Russo, C. M.; Cancho, V. G. ; Louzada, F. . Influence diagnostics for the Weibull-Negative-Binomial regression model with cure rate under latent failure causes. *Journal of Applied Statistics*, forthcoming (390).
10. Suzuki, A. K. ; Barriga, G. D. C.; Cancho, V. G. ; Louzada, F. . A general long-term aging model with different underlying activation mechanisms: Modeling, Bayesian Estimation and Case Influence Diagnostics. *Communications in Statistics - Theory and Methods*, forthcoming (273).
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## **4 Current Students**

### **4.1 Pos Doctorates**

1. Ricardo Rocha, since: 05/2016, Founding agency: FAPESP
2. Anderson Ara, since: 04/2016
3. Márcia Maceira, since: 02/2016, Founding agency: CAPES

### **4.2 PhDs**

1. Hayala Cristina Cavenague de Souza, since: 05/2016, Founding agency: WHO
2. Wesley Bertoli, since: 03/2016, Founding agency: UEM
3. Camila Amaral Bolzan Ribeiro, since: 03/2016, Founding agency: CAPES
4. Taciana Kisasi Oliveira, since: 03/2014, Founding agency: FAPESP
5. Pedro Luis Ramos, since: 03/2014, Founding agency: CAPES
6. Edgar dos Santos Gomes, since: 03/2014, Founding agency: Banco do Brasil
7. Alexandre Cristovão Maiorano, since: 03/2014, Founding agency: CAPES
8. Daniele C. T. Granzotto, since: 08/2013, Founding agency: UEM
9. Mauro Ribeiro de Oliveira Jr, since: 03/2012, Founding agency: CEF

### **4.3 Masters**

1. Claudio Vinicius Gonçalves, since: 07/2016, Company: Ogilvy Brasil
2. Elizabeth Paniagua Merino, since: 07/2016
3. Rodolfo Augusto da Silva, since: 07/2016, Company: StepWise
4. Aline Oliveira Luz, since: 08/2015, Company: LATAM
5. Marcelo Garcia, since: 08/2015, Company: Faculdade de Negócios Metropolitana
6. Daniel Brignani Rodrigues, since: 08/2014, Company: Itaú-Unibanco
7. Lucas Voto dos Santos Ribeiro, since: 08/2014, Company: Itaú-Unibanco
8. Bárbara Beltrame Bettim, since: 08/2014, Company: Aegea Saneamento e Participações

### **4.4 Undergraduate**

1. Izabela Giovani Carrara Rodrigues, since: 05/2015, ICMC-USP
2. Luis Gustavo de Sousa Bravo, since: 03/2015
3. Diego Melo, since: 08/2014

### **4.5 Students at Center for Risk Assessment (CRA)**

1. Anderson Ara, since: 03/2008
2. Alexandre Cristovão Maiorano, since 07/2011, Founding agency: CAPES
3. Luiz Fernando Martins Vieira, since 04/2013, Founding agency: CPA-UFSCar
4. João Marcos Alves Matos, since 10/2014, Founding agency: CPA-UFSCar
5. Guilherme Poppi, since 10/2014, Founding agency: CPA-UFSCar
6. João Dantas, since 09/2015, Founding agency: CPA-UFSCar
7. Gabriel da Silva, since 04/2016, Founding agency: CNPq
8. Guilherme Lorensen, since 04/2016
9. Laís Vicino, since 05/2016

## **5 Past Students and Their Current Position**

### **5.1 Pos Doctorate**

1. 2016. Luca Martino, FAPESP, Universitat de València, Spain
2. 2015. Tiago de Miranda Fragoso, CAPES, Fundação CESGRANRIO, Rio de Janeiro
3. 2015. Mari Roman, Consultant, São Carlos
4. 2015. Erlandson Ferreira Saraiva, CAPES, Lecturer DEs-UFMS, Cuiabá
5. 2014. Josmar Mazucheli, CNPq, Lecturer DEs-UEM, Maringá
6. 2009. Gladys D. C. Barriga, Lecturer FEB-UNESP, Bauru
7. 2010. Cynthia Arantes Vieira Tojeiro, Lecturer UFG, Goiânia
8. 2008. Gladys D. C. Barriga, Lecturer FEB-UNESP, Bauru
9. 2008. Cynthia Arantes Vieira Tojeiro, Lecturer UFG, Goiânia

### **5.2 PhDs**

1. 2016. José Augusto Fioruci, CAPES, Pos Doctorate IBILCE, São José do Rio Preto
2. 2016. Ricardo Rocha, CAPES, Pos Doctorate ICMC, USP, São Carlos
3. 2016. Anderson Ara, CAPES, Pos Doctorate ICMC, USP, São Carlos
4. 2015. Silvia Maria Prado, Lecturer UFMT, Cuiabá
5. 2015. Márcia Maceira, Pos Doctorate ICMC, USP, São Carlos
6. 2015. Paulo Henrique Ferreira da Silva, Lecturer UFBA, Salvador
7. 2015. Vitor Alex Alves de Marchi, Lecturer UFSCar, Araras
8. 2014. Sandra Rêgo de Jesus, Assistant Professor at UFBA, Salvador
9. 2013. Mari Roman, Pós-Doc ICMC, USP, São Carlos
10. 2013. Katiane Silva Conceição, Assistant Professor at ICMC, USP, São Carlos
11. 2013. Estela Maris Pereira Bereta, Assistant Professor DEs, UFSCar, São Carlos
12. 2012. Gilberto de Araújo Pereira. Associate Professor FM, UFTM, Uberaba
13. 2011. Adriano Kamimura Suzuki. Assistant Professor ICMC, USP. São Carlos
14. 2010. Juliana Cobre. Assistant Professor ICMC, USP, São Carlos
15. 2006. Cynthia A. V. Tojeiro, Private Consulting, Uberaba.

16. 2006. Gleici da Silva Castro Perdoná. Assistant Professor FMRP, USP, Ribeirão Preto
17. 2005. Fernando Antonio Basile Colugnati. Assistant Professor UNESP, Juiz de Fora
18. 2003. Vera Lúcia Damasceno Tomazella. Associate Professor DEs, UFSCar, São Carlos
19. 2003. Edson Zangiacomi Martinez. Associate Professor/Director of Graduate Studies FMRP, USP, Ribeirão Preto

### **5.3 Masters**

1. 2015. Renato Frazatto Viana. CAPES, Banco Itaú
2. 2014. Alexandre Cristovão Maiorano, PhD. USP/UFSCar
3. 2014. Jurandir Prazeres Filho, Banco Santander
4. 2014. Valdemiro Piedade Vigas, Assistant Professor UFMS, Campo Grande
5. 2014. Amanda Cristina Estevam, Cetelem, São Paulo
6. 2013. Cíntia Yurie Yamachi, PhD. IME/USP
7. 2012. Tiago Ribeiro Pellegrini, PhD. Dalhousie University, Halifax, Canadá
8. 2012. Ricardo Ferreira da Rocha. PhD. USP/UFSCar
9. 2011. Anderson Luiz de Souza. PhD. USP/UFSCar e Assistant Professor Faculdade SENAI São Carlos
10. 2011. Paulo Henrique Ferreira da Silva. PhD. USP/UFSCar
11. 2011. Cleyton Zanardo de Oliveira. Hospital do Câncer de Barretos
12. 2010. Lorene Guirado. Banco Itaú S.A.
13. 2008. Vitor Alex Alves de Marchi. PhD. USP/UFSCar
14. 2008. Priscila da Silva Gomes. Banco Itaú, São Paulo
15. 2008. André Yoshizumi Gomes. Banco Itaú, São Paulo
16. 2008. Daniele Cristina Tita Granzotto. Assistant Professor DEs, UEM, Maringá and PhD. USP/UFSCar
17. 2008. Victor Hugo Delvalle Souza. Banco Itaú, São Paulo
18. 2008. Guilherme Moraes Ferraudó. Canavialis, Campinas
19. 2008. Tiago Silva Mendonça. Banco Itaú, São Paulo
20. 2007. Adriano Kamimura Suzuki. Assistant Professor ICMC, USP. São Carlos
21. 2007. Marcelo Rodrigo Portela Ferreira, Universidade Federal da Paraíba, João Pessoa

22. 2007. Daniela Ribeiro Martins Parreira. Bradesco, Osasco
23. 2007. Felipe Tumenas Marques. Banco Itaú, São Paulo
24. 2007. Sabrina Luzia Caetano. Sanduiche PhD. University of Wisconsin-Madison e Assistant Professor Faculdade Particular, Barretos
25. 2006. Fabíola Eugênio Arrabaça Moraes. Assistant Professor Faculdade Particular, Uberaba
26. 2006. Josimara Aparecida Mazucheli. Banco Itaú, São Paulo
27. 2006. Elizabeth Agnes Urban Cristofaro. CPQD, Campinas
28. 2005. Osvaldo Anacleto Júnior. PhD. Open University, UK and Research Fellow Roslin Institute, University of Edinburgh, UK
29. 2005. Caroline Pires Cremasco. Banco Itaú, São Paulo
30. 2004. Sílvia Reyes Lancheros. PhD. UFMG, Belo Horizonte
31. 2004. Gislene Araújo Pereira. PhD. UNESP, Lavras
32. 2004. Hélio José de Abreu. Assistant Professor Mackenzie e ESAMC, Campinas
33. 2003. Rodrigo Faria. Businessman DataStatus, São Carlos
34. 2003. Wagner Aparecido Cavali. Assistant Professor Universidade SEB-COC, Ribeirão Preto
35. 2002. Cleber Giuglioli Carrasco. Assistant Professor DM, UEG, Anápolis
36. 2001. Gleice S Castro Perdoná. Assistant Professor FMRP, USP, Ribeirão Preto
37. 2001. Edson Zangiacomi Martinez. Associate Professor FMRP, USP, Ribeirão Preto
38. 2001. Christiano Santos Andrade. Assistant Professor Universidade SEB-COC, Ribeirão Preto

#### **5.4 Scientific Initiation**

1. 2010. Lilian da Costa Fontes. Banco Itaú, São Paulo
2. 2010. Gabriel Ramos Guerreiro. Businessman, Jaboticabal
3. 2009. Marina Pasquali Marconato Mancini. Banco Panamericano S.A.
4. 2009. Caroline Godoy. Mestrado FEB, UNESP, Bauru e Faber-Castel, São Carlos
5. 2008. Anderson Luiz de Souza. PhD. USP/UFSCar e Assistant Professor SESC São Carlos
6. 2008. Paulo Henrique Ferreira da Silva. PhD. USP/UFSCar

7. 2008. Ana Paula de Oliveira Temponi. Experian-Serasa, São Paulo
8. 2006. Camila Bertini Martins. PhD. IME/USP
9. 2006. Guilherme Moraes Ferraudó. Canavialis, Campinas
10. 2005. Sabrina Luzia Caetano. Assistant Professor Faculdade Particular, Barretos
11. 2005. Natália Sestito Rodrigues. CEF, Catanduva
12. 2004. Paulo Henrique Tomazella. Experian-Serasa, São Paulo
13. 2001. André Thales de Carvalho Simões. Banco Itaú, São Paulo
14. 2001. Viumar Soares dos Santos. Santander, São Paulo
15. 2001. Osvaldo Anacleto Júnior. Research Fellow Roslin Institute, University of Edinburgh, UK.
16. 2000. Fernanda Regiane Zanforlin de Almeida. Banco Itaú S.A.
17. 2000. Andréia Augusto de Souza Melo. Santander, São Paulo
18. 1999. Juan Carlos Pardo Fernández. Associate Professor Universidade de Visgo, Espanha
19. 1993. Daniela Brassolati. Assistant Professor Substituta DEsFaculdade Particular
20. 1992. Eric Fernando Rodrigues. Banco Santander, São Paulo

## **5.5 Undergraduate**

1. 2016. Izabela Pereira de Souza, 08/2015 - 08/2016
2. 2015. Arthur Lomonaco Vitorelli, 08/2015 - 12/2015, Undergraduate Course of Statistics, ICMC, USP
3. 2015. Fábio Francisco Pinto Jr, 08/2014- 03/2015, Master in Physics, São Carlos
4. 2013. Beatriz Ferreira Buzá, Cutrale, Limeira
5. 2012. Cláudio Vinicius Gonçalves, UOL
6. 2012. Anderson Maciel de Souza, SD&W State of the Analysis & Modeling Technologies, São Paulo
7. 2011. Hayala Cristina Cavenague de Souza, Mater FM, USP, Ribeirão Preto and Hospital Dante Pazzanese, São Paulo
8. 2011. Marina Pasquali Marconato Mancini, Banco Panamericano S.A.
9. 2011. José Fernando Francini Junior, Toalhas São Carlos S.A.
10. 2010. Luiz Fabiano de Souza Melo, Banco Itaú, São Paulo

11. 2009. Ana Paula de Oliveira Temponi. Experian-Serasa, São Paulo
12. 2009. Caroline Godoy. Mestrado FEB, UNESP, Bauru ad Faber-Castel, São Carlos
13. 2009. Fernando Ribeiro Buscheroni. Bovespa, São Paulo
14. 2008. Anderson Luiz de Souza. PhD. USP/UFSCar and Assistant Professor SESC São Carlos
15. 2007. Edil Lemes Ferreira. Nextel, São Paulo
16. 2006. Guilherme Moraes Ferraudo. Canavialis, Campinas
17. 2006. Liliane Aparecida Sanches. Banco Itaú, São Pauo
18. 2005. Natália Sestito Rodrigues. CEF, Catanduva

## **5.6 Students at Center for Risk Assessment (CRA), mostly undergraduates**

1. 2016. Alisson Ribeiro Baldoino, from 10/2014 to 05/2016, CPA-UFSCar
2. 2016. Victor Zoré, from 05/15 to 03/2016
3. 2016. Enoc Pierre, from 09/15 to 02/2016
4. 2016. Lucas Paz, from 10/14 to 02/2016
5. 2015. Paulo Henrique Ferreira da Silva, from: 03/2008 to 10/2015. Lecturer UFBA
6. 2015. Cheyenne Leonardi, from 04/2013 to 08/2015
7. 2015. Matheus Rocatelli, from 04/2013 to 02/2015
8. 2015. Guilherme Maia, from 04/2013 to 02/2015
9. 2015. Douglas Freitas, from 07/2012 to 02/2015
10. 2015. Andressa Dantas , from 10/2014 to 02/2015
11. 2014. Alexandre Donatelli, from 04/2013 to 03/2014
12. 2014. Debora Ohara, from 04/2010 to 01/2014
13. 2014. Vlademir Eleuterio, from 07/2011 to 03/2014
14. 2014. Bárbara Beltrame Bettim, from 07/2011 to 06/2014
15. 2014. Viviane Cristine Molinari, from 04/2013 to 06/2014
16. 2014. Mayara Marinho, from 04/2013 to 09/2014
17. 2014. Marcela Basso, from 04/2013 to 03/2014
18. 2014. Lucas Moraes, from 04/2013 to 03/2014



19. 2014. Karen Baffa, from 04/2013 to 09/2014
20. 2014. Juliano Fava, from 07/2012 to 07/2014
21. 2014. Fernanda Sposito, from 04/2013 to 03/2014
22. 2014. Carla Fonseca, from 04/2013 to 03/2014
23. 2014. Acácio Mattos, from 04/2013 to 03/2014
24. 2013. William Maehara, from 04/2010 to 04/2013
25. 2013. Vitor Mendes Cardoso, from 07/2012 to 02/2013
26. 2013. Vinícius Tosta, from 01/2012 to 12/2013
27. 2013. Marcelo Casagrande, from 01/2012 to 07/2013
28. 2013. João Victor Leme, from 07/2012 to 02/2013
29. 2013. Felipe Mosquetta, from 01/2012 to 03/2013
30. 2012. Cíntia Yamachi, from 04/2010 to 12/2012
31. 2012. Danielle Tajima, from 04/2010 to 07/2012
32. 2012. Willian Pegorin, from 01/2012 to 08/2012
33. 2012. Thiago Vedovatto, from 07/2012 to 12/2012. Lecturer IFECT, Goiás
34. 2012. Lilian FontesÂ (from 04/2010 to 03/2012
35. 2012. Julia Pettan, from 04/2010 to 01/2014
36. 2012. Armando Caetano, from 07/2011 to 08/2012
37. 2011. Marcela Andreto, from 04/2010 to 07/2011
38. 2011. Gabriel Ramos Guerreiro, from 04/2010 to 12/2011
39. 2011. Marina Mancini, from 04/2009 to 12/2011
40. 2010. Caroline Godoy, from 10/2007 to 12/2010
41. 2010. Claudio Vinicius Gonçalvez, from 04/2009 to 12/2010
42. 2010. Anderson Maciel de Souza, from 09/2009 to 12/2010

## 6 Organization of Congresses

1. XV Escola de Modelos de Regressão (EMR), Goiânia, Member of the Scientific Committee. 03/2017.
2. 10th International Chinese Statistical Association International Conference, Shanghai, China, Thematic Session Organizer: Innovation in Survival Analysis. 19-22/12/2016.
3. 3th WAR (Workshop on Assessment of Risk), IME, USP, São Paulo, Member of the Organizing Committee. 30/11, 01-02/12/2016.
4. 22nd SINAPE, Porto Alegre, Chairman of the Scientific Committee. 24-29/07/2016.
5. 1st Latin American Conference on Statistical Computing (LACSC), Gramado (RS), Member of the Scientific Committee. 22-24/07/2016.
6. 61a RBRAS, Salvador, Thematic Session Organizer: ABE Section. 23-25/05/2016.
7. 1st International Workshop on Industrial Mathematics, Member of the Organizing Committee. Campinas, 5-6/05/2016.
8. 1o Ciclo de Mini Cursos de Estatística Aplicada ao Mercado Financeiro, São Carlos, 03-04-10-11/03/2016, 17-18/03/2016, 31/03 and 01-07-14-15-28/04/2016, 12-13-19/05 and 02-03/06/2016, 16-17/06/2016.
9. 13o Encontro Brasileiro de Estatística Bayesiana, Belo Horizonte, Member of the Scientific Committee. 22-26/02/2016.
10. Workshop em Reconhecimento de Padrões, Inteligência Computacional e Automação de Investimentos Financeiros, São Carlos, Member of the Organizing Committee. 16/02/2016.
11. 4th Workshop on Probabilistic and Statistical Methods, São Carlos, Member of the Scientific Committee. 01-03/02/2016.
12. Statistical Computing for Data Science: Satellite Joint Meeting of the IASC-ABE at the 60th ISI World Statistics Congress, Búzios, Member of the Scientific Committee. 01-02/08/2015.
13. 60th ISI World Statistics Congress, Rio de Janeiro, Member of the Local Programme Committee. 26-31/07/2015.
14. 60th ISI World Statistics Congress, Rio de Janeiro, Member of the National Honorary Committee. 26-31/07/2015.
15. Business and Industrial Statistics Meeting, Unicamp, Campinas, Member of the Organizing Committee. 22-24/07/2015.
16. Business and Industrial Statistics Meeting, Unicamp, Campinas, Member of the Scientific Committee. 22-24/07/2015.

17. 60a. Reunião Anual da Região Brasileira da Sociedade Internacional de Biometria (RBras) e o 16o. Simpósio de Estatística Aplicada a Agronomia (SEAGRO). Member of the Scientific Committee. 20-24/07/2015.
18. 2nd Workshop on Assessment of Risk (WAR), São Carlos, Chairman of the Organizing Committee. 12-13/03/2015.
19. 3th Workshop on Probabilistic and Statistical Methods, São Carlos, Member of the Scientific Committee. 09-11/02/2014.
20. 4th Workshop in Stochastic Modeling, São Carlos, Member of the Organizing and Scientific Committee. 11/2014.
21. 21o SINAPE, Natal, Chairman of the Organizing Committee. 07/2014.
22. 59a RBRAS, Ouro Preto, Thematic Session Organizer: ABE Section. 05/2014.
23. 12o Encontro Brasileiro de Estatística Bayesiana, Atibaia, Member of the Organizing and Scientific Committee. 03/2014.
24. 2o Workshop on Probabilistic and Statistical Methods, São Carlos, Member of the Organizing and Scientific Committee. 02/2014.
25. III WASA, Workshop de Análise de Sobrevivência e Aplicações, Campinas, Member of the Scientific Committee. 11/2013.
26. 58a RBRAS e 15o SEAGRO, Campina Grande, Thematic Session Organizer: A ABE e a Disseminação da Estatística no Brasil. 07/2013.
27. Sixth Brazilian Conference on Statistical Modelling in Insurance and Finance, Maresias, Scientific Committee Chairman. 03/2013.
28. 1o Workshop on Probabilistic and Statistical Methods, São Carlos, Member of the Organizing and Scientific Committee. 01/2013.
29. II Colóquio de Matemática da Região Sudeste, São Carlos, Thematic Session Organizer: Statistics. 01/2013.
30. 1o WE, Workshop de Estatística do ICMC, São Carlos, Teacher in Charge - General organization. 11/2012.
31. 20o SINAPE, João Pessoa, Member of the Scientific Committee. 07/2012.
32. 56a RBRAS e 14o SEAGRO, Maringá, Thematic Session Organizer: Análise de Sobrevivência. 06/2011.
33. Fifth Brazilian Conference on Statistical Modelling in Insurance and Finance, Maresias, Member of the Organizing Committee. 04/2011.
34. XII Escola de Modelos de Regressão, Fortaleza, Member of the Scientific Committee. 03/2011.
35. Fifth Brazilian Conference on Statistical Modelling in Insurance and Finance, Maresias, Member of the Scientific Committee. 03/2011.

36. The 7th Conference on Multivariate Distributions with Applications, Maresias, SP. Organização da Sessão Temática: Multivariate Survival Models. 2010.
37. 19o SINAPE, São Pedro, SP. Coordinator of Thematic Section Data Mining e Análise Inferencial para Grandes Bancos de Dados. 2010.
38. 19o SINAPE, São Pedro, SP. Member of the Scientific Committee and Advisory Committee. 2010.
39. 27o Colóquio Brasileiro de Matemática, IMPA, Rio de Janeiro, RJ. Chairman of the Special Section on Statistics. 2009.
40. 54a RBRAS / 13o SEAGRO, São Carlos, SP. Member of the Organizing Committee. 2009.
41. XI Escola de Modelos de Regressão, Recife, PE. Member of the Scientific Committee. 2009.
42. 18o SINAPE, Estância de São Pedro, SP. Member of the Advisory Committee. 2008.
43. 52a RBras / 12a SEAGRO, Santa Maria, RS. Chairman of the Section for Presentation of Papers. 2007.
44. 10a Escola de Modelos de Regressão, Salvador, BA. Member of the Scientific Committee. 2007.
45. Third Brazilian Conference on Statistical Modelling in Insurance and Finance, Maresias, SP. Member of the Organizing Committee. 2007.
46. I Workshop em Modelagem de Risco, UFSCar, São Carlos, SP. Chairman of the Organizing Committee. 2005.
47. 24o Colóquio Brasileiro de Matemática, IMPA, Rio de Janeiro, RJ. Chairman of the Special Section on Statistics. 2003.
48. 47a RBRAS, UNESP, Rio Claro, SP. Member of the Scientific Committee. 2002.
49. 7a Escola de Modelos de Regressão, UFSCar, São Carlos, SP. Member of the Organizing Committee. 2001.

## **7 Talks and Short-Courses** (Last 5 years)

### **7.1 Talks**

2016

1. 10th International Chinese Statistical Association International Conference. The zero-inflated promotion cure rate regression modeling: An application to fraud propensity in bank loan applications in Brazil. Shanghai, China, 19-22/12/2016.

2. CLAIO 2016. Zero-inflated Cure Rate Weibull Regression Model: An Application to Financial Data on Time-to-default. Santiago, Chile, 02-06/10/2016.
3. XIV Encontro Mineiro de Estatística. The alpha skew Gaussian naïve Bayes classifier. Alfenas, 29-30/09/2016.
4. XXXVI CNMAC, Ciências Matemáticas, Desenvolvimento de Produtos e Inovação: Recentes Avanços e Perspectivas Futuras, Gramado, 05-09/09/2016.
5. Meeting. Meeting with Undergraduate Boarding, SAD - Sistema de Avaliação de Disciplinas, ICMC, São Carlos, 11/08/2016.
6. Meeting. Meeting with Directors of Transfer of Technology of the CEPIDs, Butantan, São Paulo, 08/08/2016.
7. 22o SINAPE. Statistical Innovation and Technology Transfer in Brazil. Porto Alegre, 24-29/07/2016.
8. 22o SINAPE. Are we prepared to be data scientists? Round Table: Challenges on postgraduate programs in statistics: how to adapt to the needs of both academic and non-academic job markets. Porto Alegre, 24-29/07/2016.
9. 22o SINAPE. Clínica Estatística - Problem: Projeção de Inadimplência da SICREDI (Group Organizer), Porto Alegre, 24-29/07/2016.
10. 1st Latin American Conference On Statistical Computing (LACSC), Zero-inflated Cure Rate Regression Models for Time-to-Default Data, Gramado, 22-24/07/2016.
11. 1st Latin American Conference On Statistical Computing (LACSC), On the Development of Statistical Products for Data Analysis, Gramado, 22-24/07/2016.
12. 2nd Brazilian Study Group with Industry, CEPID-CeMEAI. Problem: Modelling Credit Grade Migration in Large Portfolios with Macro Variables (Group Organizer), São Carlos, 11-15/07/2016.
13. 2nd Brazilian Study Group with Industry, CEPID-CeMEAI. Problem: Analysis of Soundscape Ecology Data (Group Organizer), São Carlos, 11-15/07/2016.
14. Conference. Inovação em Estatística. Conference at Discipline SME, Lecturer in charge: Marinho Gomes de Andrade, ICMC, USP, São Carlos, 13/06/2016.
15. SEst 2016, Estatística e Esporte: Uma parceria que dá jogo!, São Carlos, 01-03/06/2016.
16. 61a RBRAS, Thematic Session: Innovation in Biostatistics. SISGERES: A statistical system for urban solid waste management. Salvador, 23-25/05/2016.
17. 61a RBRAS, Thematic Session: ABE. O Projeto Bussab de Educação e Divulgação da Estatística. Salvador, 23-25/05/2016.
18. Meeting. Meeting with PIPIGEs USP/UFSCar Boarding of Coordinators, Avaliação CAPES: Algumas Reflexões, ICMC, São Carlos, 19/05/2016.
19. Meeting. Meeting with Reenvolta Coop, ICMC, São Carlos, 19/05/2016.

20. Conference. Estatística e Esporte: Uma Jogada Celestial! Conference at Clube de Descobertas Matemáticas, Instituto de Estudos Avançados (IEA) Polo São Carlos da USP, São Carlos, 12/05/2016.
21. International Workshop on Industrial Mathematics. Innovation and Transfer of Technology at the Center for Mathematical Sciences Applied to Industry. Campinas, 5-7/05/2016.
22. Conference. O Que Temos Feito em Inovação Estatística? Conference at ICMC, USP, São Carlos, 27/04/2016.
23. ERMAC 2016, Encontro Regional de Matemática Aplicada e Computacional. Big Data e Inteligência de Negócio na Nova Ordem Mundial de Consumo: As Oportunidades Deste Admirável Mundo Novo Para Cientistas de Dados. Bauru, 18-20/04/2016.
24. Meeting. Prefeitura de Matão, Sala de Reuniões do Gabinete. Entrega oficial do SISGERES 1.0. Sistema de Gestão de Resíduos Sólidos Municipais, ciências matemáticas em inovação. Matão, 28/03/2016.
25. FAPESP and NWO Holland Workshop on Sports and Healthy Living. Virtual Assessment in Sports: The soccer case in Brazil. FAPESP, São Paulo, 22-23/03/2016.

2015

26. A Unified Multivariate Survival Model in Presence of a Cure Fraction. Special Invited Session EO098: Statistical Modelling, 7th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM2015). London, UK, 12-14/12/2015.
27. Avaliação de Cursos da UFSCar 2015. Reunião CPA-UFSCar, São Carlos, 04/12/2014.
28. Uni and Multivariate Mechanistic Survival Models. IV WASA, Workshop de Análise de Sobrevivência e Aplicações, Belo Horizonte, 30/11-02/12/2015.
29. An overview of the Innovation and Transfer of Technology Activities of Cepid-CeMEAI. Meeting of the International Committee of CEPID-CeMEAI, São Carlos, 23-24/11/2015.
30. Multivariate Mechanistic survival regression models in Presence of a Cure Fraction. 4th International Conference and Exhibition on Biometrics & Biostatistics. San Antonio, USA, 16-18/11/2015.
31. Um Admirável Mundo Novo Para Cientistas de Dados: Oportunidades e Necessidade de Novos Profissionais. XXVI SEMAT, Semana da Matemática, São José do Rio Preto, 03-06/11/2015.
32. Entre a Geração Informação e a Necessidade de Um Novo Profissional: Um Admirável Mundo Novo a Nossa Espera. 2o. Congresso Nacional de Matemática Aplicada à Indústria (CNMAI), 1o. Encontro Regional de Matemática Aplicada e Computacional (ERMAC) da Região 2 (Ceará/Piauí/Maranhão), e 4a. Semana de Matemática Industrial (SeMI) da UFC, Fortaleza, 05-09/10/2015.
33. SAO - Sistema de Avaliação Online, Reunião da Comissão de Graduação do ICMC, São Carlos, 21/09/2015.

34. An overview of the last two years of Cepid-CeMEAI. Meeting of the IAC (international Advisory Committee) of CEPID-CeMEAI, São Carlos, 14-15/09/2015.
35. Problem: Fraud Detection from Complex Networks (Group Organizer). 1st Brazilian Study Group with Industry, CEPID-CeMEAI, São Carlos, 08-11/09/2015.
36. Bayesian Approaches to Predicting Football Match Outcomes: Who will be the Champion? 60th ISI World Statistics Congress (WSC), Rio de Janeiro, 26-31/07/2015.
37. Projects of the Brazilian Statistical Association for an Upcoming Promising Future of the Statistical Science in Brazil, 60th ISI World Statistics Congress (WSC), Rio de Janeiro, 26-31/07/2015.
38. Brave New World of Data. Satellite Meeting of the IASI at the 60th ISI World Statistics Congress, Rio de Janeiro. 22-04/07/2015.
39. A New lifetime model for multivariate survival data with a cure fraction. Thematic Session on Survival Analysis: Modeling and Applications. 58a Reunião Anual da RBras e o 15o SEAGRO. Presidente Prudente, 20-24/07/2015.
40. Statistical Innovation in Brazil: Bayesian Analysis and Technology Transfer. IV Congresso Bayesiano de América Latina (COBAL), Medellín, Colombia, 01-04/07/2015.
41. The CeMEAI. Meeting with Prof. Richard McClatchey from University of West England (Bristol-UWE) and CERN, São Carlos, 24/06/2015.
42. Meeting of the Indicators Study Group on Higher Education (GEIES), INEP, Brasília, 15/06/2015.
43. iSports: Descobrimos talentos no futebol. Bridge Startups, São Carlos, 10/06/2015.
44. O Que Temos Feito em Inovação em Ciências Matemáticas. Discussion Table: A inovação em ciências matemáticas e as ciências matemáticas em inovação. Pint of Science Festival Brazil, São Carlos, 18-20/05/2015.
45. iSports: A web-oriented statistical expert system for talent detection in soccer. 1a Simpósio Regional de Matemática Industrial, São José do Rio Preto, 22-23/04/2015.
46. Inovação, Transferência Tecnológica e Difusão. 1a Simpósio Regional de Matemática Industrial, São José do Rio Preto, 22-23/04/2015.
47. Suporte a Programação do SINAPE 2016. Reunião Comissão Local do SINAPE 2016, Departamento de Matemática, URGs, Porto Alegre, 07/04/2015.
48. Transferência Tecnológica e Inovação em Estatística. 1o Simpósio de Inovação do centro de Desenvolvimento de Materiais (CEPID-CDMF), São Carlos, 31/03-01/04/2015.
49. Estudo analítico-comparativo entre a metodologia utilizada pelo INEP para o cálculo do CPC e proposição de nova metodologia de cálculo. Instituto Nacional de Estudos e Pesquisas Anísio Teixeira (INEP), Brasília, 27/03/2015.
50. Statistical Innovation in Brazil: Technology Transfer and Products. 2nd Workshop on Assessment of Risk (WAR), São Carlos, 12-14/03/2015.

51. Statistical Innovation in Brazil. 14a Escola de Modelos de Regressão, Campinas, 02-05/03/2015.
52. Statistical Products and Innovation. 3th Workshop on Probabilistic and Statistical Methods, São Carlos, 09-11/02/2014.

2014

53. Estudo analítico da metodologia utilizada para o cálculo do indicador Conceito Preliminar de Curso (CPC) e proposição de nova metodologia de cálculo. Instituto Nacional de Estudos e Pesquisas Anísio Teixeira (INEP), Brasília, 17/12/2014.
54. Avaliação de Cursos da UFSCar 2014. Reunião CPA-UFSCar, São Carlos, 16/12/2014.
55. Mechanistic survival regression models in presence of long-term survival. Special Invited Session ESI04: Statistical Analysis of Event Times. 6th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM2014). Pisa, Italy, 06-08/12/2014.
56. Projetos CEPID-CeMEAI em Andamento. Reunião do CEPID-CeMEAI, IMECC-UNICAMP, Campinas, 28/11/2014.
57. Brave new World of Data. 3o Seminário de Metodologia do IBGE (SMI2014). Rio de Janeiro, 05-07/10/2014.
58. Transferência Tecnológica e Inovação em Estatística. IV Encontro Baiano de Estatística. Salvador, 23-25/10/2014.
59. Revisão Sistemática de literatura e propostas de procedimentos teórico-metodológicos para o estudo sobre o indicador Conceito Preliminar de Curso - CPC. Instituto Nacional de Estudos e Pesquisas Anísio Teixeira (INEP), Brasília, 15/10/2014.
60. Estatística e Inovação no CEPID-CeMEAI. Reunião Plenária e Palestra Setembro/2014 da CIESP Sorocaba: Inovação e Matemática. Organização: Diretoria Regional da CIESP e Câmara de Comércio e Indústria Brasil-Alemanha, Sorocaba, 16/09/2014.
61. Um velho admirável mundo de dados para um novo profissional. Mesa redonda em Matemática Industrial: O que é isso? 35o CNMAC. Natal, 08-12/09/2014.
62. Mechanistic non-default rate regression modeling for financial data. III Fórum Mineiro de Estatística e Probabilidade, Belo Horizonte, 20-23/08/2014.
63. Predicting Football Match Outcomes: The 2014 FIFA World Cup Tournament Case. III International Conference on Probability and Statistics (JIPE), Lima, 13-15/08/2014.
64. Estatística e Inovação. Mesa redonda em Estatística e Inovação. 21o SINAPE. Natal, 20-25/07/2014.
65. i-Sports - Detectando Talentos em Futebol. Mesa redonda em Métodos Estatísticos Aplicados a Previsão de Futebol. 21o SINAPE. Natal, 20-25/07/2014.
66. Non-proportional non-default rate competing causes survival modeling for financial data. Departamento de Estatística, Faculdade de Ciências e Tecnologia, UNESP - Campus de Presidente Prudente-SP, 16/06/2014.



67. CER Group at ICMC-USP. 1st Workshop of the CER - Saúde, São Carlos, 29/05/2014.
68. Um Velho Admirável Mundo Novo de Dados. Reunião do SME-ICMC, São Carlos, 27/05/2014.
69. A Bayesian Approach to Predicting Football Match Outcomes Considering Time Effect Weights. 59th RBRAS - Reunião Anual da Região Brasileira da Sociedade Internacional de Biometria, Atibaia, 19-21/05/2014.
70. Avaliação de Cursos da UFSCar. Reunião CPA-UFSCar, São Carlos, 13/05/2014.
71. Statistics at ICMC: Our contributions to the CeMEAI. Barh Delegation Visit to USP, São Carlos, 29-30/04/2014.
72. A Bayesian Approach to Predicting Football Match Outcomes Considering Time Effect Weights. 12th Brazilian Meeting on Bayesian Statistics, Atibaia, 10-14/03/2014.
73. Francisco Louzada. A Estatística Dentro da Nova Ordem Industrial. Recepção Alunos Estatística UFRN, Natal, 14/02/2014.

#### 2013

74. Francisco Louzada. A new non-default rate regression model for credit scoring data: An application to a Brazilian bank personal loan portfolio data. 3o Workshop em Análise de Sobrevivência e Aplicações. Campinas, 27-29/11/2013.
75. Francisco Louzada. Modelagem Estatística Para Detecção de Talentos e Previsão de Jogos Esportivos. XII Encontro Mineiro de Estatística, Uberlândia, MG, 04 a 06/09/13.
76. Francisco Louzada. Modelagem Estatística para Previsão de Resultados de Jogos de Futebol: O Caso da Copa do Mundo de 2010. XXIV Encontro Nacional de Estudantes de Estatística (ENESTE), Presidente Prudente, 28/08 a 01/09 de 2013.
77. Francisco Louzada. Modelos Mecanísticos de Sobrevivência Uni e Multivariados. 58a Reunião Anual da RBras e o 15o SEAGRO. Campina Grande, 22-26/07/2013.
78. Francisco Louzada. The Birnbaum-Saunders survival model with cure fraction under different of activation mechanisms. 28th International Workshop on Statistical Modelling, Palermo, Italy, 08-12 July 2013.
79. Francisco Louzada. A New Non-Default Rate Regression Model For Credit Scoring Data: An Application to a Brazilian Bank personal Loan Portfolio Data. 13a Escola de Modelos de Regressão, Maresias, Fevereiro de 2013.
80. Francisco Louzada. Modelos Mecanísticos de Sobrevivência. I Encontro Português de Biometria & I Encontro Luso-Galaico de Biometria, Braga, Portugal, 14-16/07/2013.
81. Francisco Louzada. Modelagem Estatística para Dados Esportivos. Semana de Ciências Naturais e Estatística-IME-UFRJ, Rio de Janeiro, RJ, 17/01/13.

#### 2012

82. Algumas Percepções da ABE. Forum de Pesquisa e Pós-Gaduação em Matemática e Estatística. Campinas, 04/12/2014.

83. CeMEAI (apresentação do Centro de Matemática e Estatística Aplicadas à Indústria, Workshop dos NAPs São Carlos, São Carlos, 29/11/2012.
84. Uma Abordagem Bayesiana para Previsão de Jogos de Futebol. IX Semana de Estatística VII Jornada de Estatística. Maringá, 29-30/10/2012.
85. Aplicação da Estatística para Resolução de Problemas Encontrados na Indústria Nacional. IV Jornada de Tecnologia em Fabricação Mecânica do SENAI. São Carlos, 22-26/10/2012.
86. Modelos Mecanísticos de Sobrevivência Como Esquemas de Ativação Latentes. Semana da Estatística. Natal, 22-26/10/2012.
87. Modelos de Sobrevivência Aplicados a Dados Financeiros: Se e quando a inadimplência ocorre. 17o Conselho de Modelagem SERASA-Experian. São Paulo, 25/09/2012.
88. Modelos Mecanísticos de Sobrevivência Como Esquemas de Ativação Latentes. 57a RBRAS. Piracicaba, 05-09/05/2012.
89. A Bayesian Approach to Predicting Football Match Outcomes Considering Time Effect Weights. 12th Brazilian Meeting on Bayesian Statistics, Atibaia, 10-14/03/2014.
90. A Multiple Time Scale Survival Model With a Cure Fraction. 11th EBEB, Amparo, 18-22/03/2012.

2011

91. Modeling long-term bivariate survival data based on copulas: an application on diabetic retinopathy data. 43a Reunião Regional da Associação Brasileira de Estatística. Recife, 01-02/12/2011.
92. Previsão de Demanda por Doutores em Probabilidade e Estatística para os Próximos anos: A Pós-Graduação em Estatística está preparada para atender demanda atual de Doutores das universidades brasileiras? CAPES, Brasília, 7/11/2011.
93. Quem somos? Onde Estamos? Para onde vamos? Caracterização dos Docentes e Necessidade de Doutores Dentro das Graduações de Estatística do País. Semana de Estatística e Ciências Atuariais, UFRN, Natal, 17-21/10/2011.
94. Modelagem Estatística Para Previsão de Resultados de Jogos Esportivos. Semana de Estatística e Ciências Atuariais, UFRN, Natal, 17-21/10/2011.
95. Previsão de Demanda de Docentes Doutores Em Estatística. VII Encontro Nacional de Estatísticos (ENE), CONFE, Rio de Janeiro, 18-19/10/2011.
96. A Estatística Nossa de Cada Dia! Seminário ICMC-USP, São Carlos, 24/05/2011.
97. A Long-Term Bivariate Survival FGM Copula Model. 6th Brazilian Conference on Statistical Modelling in Insurance and Finance. Maresias, April 10-15, 2011, Brazil
98. Necessidade de Doutores Dentro das Graduações de Estatística do País. Semana de Estatística e Ciências Atuariais, XII Escola de Modelos de Regressão. Fortaleza, 13-16/03/2011.

99. Modelos Mecanísticos de Sobrevivência Com Diferentes Esquemas de Ativação. Seminário UFRJ, Rio de Janeiro, 07/02/2011.

2010

100. Modeling bivariate survival data based on copulas: An application on diabetic retinopathy data. XXV International Biometric Conference. Florianópolis, 5-10/12/2010.
101. Blendagem de Modelos. Conselho de Modelagem Serasa-Experian. São Paulo, 28/10/2010.
102. Modelagem Estatística para Previsão de Resultados de Jogos Esportivos. Semana da Estatística UNESP. Presidente Prudente, 20-23/10/2010.
103. Modelagem Estatística para Previsão de Resultados de Jogos Esportivos. Dia Internacional da Estatística da ENCE. Rio de Janeiro, 20/10/2010.
104. Introdução a Modelagem de Risco Para Dados de Crédito: Gestão Estatística do Relacionamento com o Cliente. VII Semana de Matemática Aplicada a Negócios. Ribeirão Preto, 20-21/09/2010.
105. A Mechanistic cure rate model: The generalized negative binomial cure rate model for survival data in presence of latent competing causes. II Workshop on Bayesianity: Foundations and Applications. São Paulo, 1-4/09/2010.
107. Bivariate survival distribution induced by a Sibuya dependence function. 1st Conference on Applied Probability and Statistical Methods and 7th Conference on Multivariate Distributions with Applications. Maresias, 8-13/08/2010.
108. Bagging K-Dependence Bayesian Classifiers for Classification Modeling on Large Datasets. 19o SINAPE. São Pedro, 26-30/07/2010.
109. Uma Abordagem Bayesiana para Previsão de Jogos de Futebol: A Copa do Mundo de 2010. 19o SINAPE. São Pedro, 26-30/07/2010.
110. Quem somos? Onde Estamos? Para onde vamos? Caracterização dos Docentes e Necessidade de Doutores Dentro das Graduações de Estatística do País. Seminário do Departamento de Estatística da UFMG. Belo Horizonte, 18/06/2010.
111. Medidas da capacidade preditiva de modelos de credit scoring. Conselho de Modelagem Serasa-Experian. São Paulo, 30/06/2010.
112. A pós-graduação em Estatística está preparada para atender demanda atual de Doutores das universidades brasileiras. Dia do Estatístico da UFSCar. São Carlos, 28/05/2010.
113. A Multiple Time Scale Survival Model with a Cure Fraction. 10th Brazilian Meeting on Bayesian Statistics, Angra dos Reis, 21-14/03/2010.

## 7.2 Short-Courses and Tutorials

1. Short-Course. Diferentes Procedimentos de Estimação. CER-ICMC-USP, São Carlos, 16-17/06/2016. 4hs.
2. Short-Course. Introdução ao SAS, CER-ICMC-USP, São Carlos, 12-13-19/05 and 02-09-10/06/2016. 12hs.
3. Mineração Estatística de Dados. CER-ICMC-USP, São Carlos, 31/04, 01-07-14-15-28/04/2016. 12hs.
4. Short-Course. Introdução à Modelagem Estatística Para Dados de Crédito, CER-ICMC-USP, São Carlos, 03-04-10-11/03/2016. 8hs.
5. Tutorial. CEP Online. 21o SINAPE. Natal, 20-25/07/2014. 1h.
6. Introdução à Modelagem Estatística Para Dados de Crédito. III International Conference on Probability and Statistics (JIPE), Lima, 13-15/08/2014. 3hs.
7. Modelagem Estatística para Risco de Crédito. 6th Brazilian Conference on Statistical Modelling in Insurance and Finance. Maresias, March 24-28, 2013, Brazil. 2hs.
8. Modelagem Estatística para Risco de Crédito. 20o SINAPE, João Pessoa, 30/7 a 01/08/2012. 2hs.
9. Introdução à Modelagem de Risco Para Dados de Crédito: Gestão Estatística do Relacionamento com o Cliente. Semana da Estatística UFSCar, São Carlos, 17-21/10-2011. 4hs.
10. Introdução à Modelagem de Risco Para Dados de Crédito: Gestão Estatística do Relacionamento com o Cliente. VII Semana de Matemática Aplicada a Negócios, Ribeirão Preto, 20-21/09/2010. 4hs.

## 7.3 Oral and Poster Presentations

1. 22o SINAPE. Natal, 25-29/07/2016.

Taciana Kasaki Oliveira Shimizu; Francisco Louzada; Adriano Kamimura Suzuki; Josmar Mazucheli. A compositional regression model with tilted normal errors. Oral.

Paulo Henrique Ferreira da Silva; Francisco Louzada. Classical Estimation of Trivariate Copula-based SUR Tobit Right-Censored Models through the Modified Inference Function for Margins Method. Oral.

Ricardo Rocha; Saralees Nadarajah; Vera Tomazella; Francisco Louzada. A new class of defective models based on the Marshall Olkin family of distributions for cure rate modeling. Oral.

George Lucas Moraes Pezzott; Luis Ernesto Bueno Salasar; José Galvão Leite; Francisco Louzada-Neto. On Identifiability and Estimation for an Individual Heterogeneity Capture-recapture Model. Oral.

- Rumenick Pereira da Silva; Dione Maria Valença; Francisco Louzada Neto. Modelo de regressão F generalizado de longa duração: uma aplicação à fidelização e retenção de clientes. Oral.
- Anderson Ara; Francisco Louzada. The alpha skew Gaussian naive bayes: a probabilistic generalization of Gaussian naive bayes. Oral.
2. 1st Latin American Conference on Statistical Computing (LACSC), Gramado (RS). 22-24/07/2016
- Anderson Ara; Francisco Louzada. Alpha skew Gaussian Bayes classifiers. Oral.
- Taciana Kasaki Oliveira Shimizu; Francisco Louzada; Adriano Kamimura Suzuki; Josmar Mazucheli. A compositional regression model with tilted normal errors. Poster.
3. 13o Encontro Brasileiro de Estatística Bayesiana (EBEB), Belo Horizonte, 22-26/02/2016
- Tiago de Miranda Fragoso; Francisco Louzada. Bayesian model averaging: A systematic review and conceptual classification. Poster.
- Luca Martino, Victor Elvira, Francisco Louzada. Effective Sample Size for Importance Sampling based on the discrepancy measures. Poster.
- José A. Fiorucci, Ricardo S. Ehlers, Francisco Louzada. BayesDccGarch - An Implementation of Multivariate GARCH DCC Models. Poster.
- Katiane S. Conceição; Vera Tomazella; Marinho G. Andrade; Francisco Louzada. Bayesian Analysis under a Reference Prior Approach of Biparametric Zero-Modified Distributions. Poster.
- Silvia Maria Prado; Francisco Louzada; Josemar Rodrigues; Mário Luis Lanfredi Viola. Bayesian M/ MINCOMPE/1 model. Poster.
- Pedro Luiz Ramos; Francisco Louzada. Bayesian reference analysis for the Generalized Gamma distribution. Poster.
- Bao Yiqi; Vicente Garibay Cancho; Francisco Louzada; Adriano K. Suzuki. Cure Rate Proportional Odds Models with Spatial Fragilities for Interval-Censored Data. Poster.
4. 4th Workshop on Probabilistic and Statistical Methods, São Carlos, Member of the Scientific Committee. 01-03/02/2016.
- Luca Martino, Victor Elvira, Francisco Louzada. Effective Sample Size for Importance Sampling based on the discrepancy measures. Oral.
- Mauro R. de Oliveira Jr., Francisco Louzada, Fernando F. Moreira. The zero-inflated promotion cure rate regression model applied to fraud propensity in bank loan applications. Oral.
- Alexandre Maiorano, Francisco Louzada, Jorge Bazan. Echo of Numbers: Introductory Module in Statistics. Poster.
- Taciana K. O. Shimizu, Francisco Louzada and Adriano K. Suzuki. Compositional Regression Model with Volleyball Data: A Bayesian Approach. Poster.
5. 8th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM2015). London, UK, 12-14/12/2014.
- Gleici Castro Perdoná; Francisco Louzada; Hayala C. S. Cavenague; Fernanda Maris Peria. Exponentiated general hazard to compare risk of death for different states of breast cancer. Poster.

6. IV WASA, Workshop de Análise de Sobrevivência e Aplicações, Belo Horizonte, 30/11-02/12/2015.  
Francisco Louzada, Mauro R. de Oliveira Jr. and Fernando F. Moreira. The zero-inflated cure rate regression model: Applications to fraud detection in bank loan portfolios. Oral.  
Ricardo Rocha, Saralees Nadarajah, Vera Tomazella, Francisco Louzada and Amanda Eudes. New defective models based on the Kumaraswamy family of distributions with application to cancer data sets. Oral.
7. Credit Scoring and Credit Control XIV Conference, University of Edinburgh Business School. Edinburgh, UK, 26-28/08/2015.  
Mauro Ribeiro de Oliveira Junior, Francisco Louzada, Gustavo Henrique de Araujo Pereira, Fernando Moreira, Raffaella Calabrese. An Inflated Mixture of Beta Regression Models for LGD. Oral.  
Mauro Ribeiro de Oliveira Junior, Francisco Louzada, Fernando Moreira. Risk weighted function considering alternative measures of correlation and models for loss given default. Oral.
8. Simpósio de Matemática para a Graduação, São Carlos, 26-28/08/2015.  
Giovani C. Rodrigues; Francisco Louzada; Pedro L. Ramos. Poisson-exponential distribution: Different methods of estimation. Poster.
9. Seminário de intercâmbio de pesquisas em políticas sociais, combate à fome e à miséria no Brasil, Brasília. 13-14/08/2015.  
Luiz Manoel de Moraes Camargo Almeida; Luiz Fernando Oriani e Paulillo; Francisco Louzada; Alexandre Maiorano. Efetividades e coesão social de políticas públicas e redes locais/território de segurança alimentar. Invited Oral.
10. Statistical Computing for Data Science: Satellite Joint Meeting of the IASC-ABE at the 60th ISI World Statistics Congress, Búzios. 01-02/08/2015.  
Anderson Ara; Francisco Louzada. The alpha skew naive bayes: a probabilistic generalization of Gaussian naive Bayes. Invited Oral.  
Taciana T. K. Shimizu; Francisco Louzada; Adriano K. Suzuki. Bayesian analysis for the Compositional Regression Model.
11. Business and Industrial Statistics Meeting, Unicamp, Campinas, 22-24/07/2015.  
Paulo H. Ferreira; Francisco Louzada. Bivariate rotated clayton copula sur tobit model: a modified inference function for margins, interval estimation and a financial application. Invited Oral.
12. 60th ISI World Statistics Congress, Rio de Janeiro. 26-31/07/2015.  
Katiene S. Conceição. Zero-modified models for count data. ISI Tinbergen Award Winners. Oral.  
Ricardo Rocha; Francisco Louzada; Saraless Nadarajah; Vera Tomazella. Two new defective distributions based on the Marshall-Olkin extension. Oral.  
Vicente G. Cancho; Francisco Louzada; Dipak K. Dey; Gladys D. C. Barriga. A New lifetime model for multivariate survival data with a surviving fraction. Poster.

- Gladys D. C. Barriga; Francisco Louzada; Vicente G. Cancho. A new non-default rate regression model for credit scoring data: An application to a Brazilian bank personal loan portfolio data. Poster.
13. 60a. Reunião Anual da Região Brasileira da Sociedade Internacional de Biometria (RBras) e o 16o. Simpósio de Estatística Aplicada a Agronomia (SEAGRO), Presidente Prudente, 20-24/07/2015.
- Taciana T. K. Shimizu; Francisco Louzada; Adriano K. Suzuki; Ricardo S. Ehlers. Modeling Compositional Regression With Uncorrelated And Correlated Errors: A Bayesian Approach. Poster.
- Mari Roman; Francisco Louzada; Vicente Garibay Cancho. GGG: A Flexible Long-term Survival Model. Poster.
14. 29th New England Statistical Symposium, University of Connecticut. Storrs, Connecticut, 24-25/04/2015.
- José Augusto Fioruci and Francisco Louzada, Tiago Ribeiro and Fotios Petropoulos. The Optimized Theta Method. Poster.
15. 14a ERM, Campinas, SP, 02-05/03/2015.
- Gladys D.C. Barriga; Vicente G. Cancho; Francisco Louzada. The Zero-inflated Conway-Maxwell Poisson Model to Analyze Discrete Data. Oral Communication.
- Alexandre C. Maiorano; Anderson Ara; Francisco Louzada. Indicadores para Avaliação Esportiva via Cópuas. Poster.
- Daniele Cristina Tita Granzotto; Francisco Louzada. Profile Methods for the Transmuted Log-Logistic Model in the Presence of Right Censored Lifetime. Poster.
- Valdemiro Piedade Vigas; Francisco Louzada; Giovana Oliveira Silva. Extensão do modelo de regressão Weibull na presença de longa duração. Poster.
- Francisco Louzada; Paulo H. Ferreira. Bivariate rotated clayton copula sur tobit model: a modified inference function for margins and interval estimation. Poster.
- Taciana Kasaki Oliveira Shimizu; Francisco Louzada. Modeling volleyball data via a compositional regression structure. Poster.
- Adriano K. Suzuki; Vicente G. Cancho; Francisco Louzada; Gladys D. C. Barriga. A Bayesian Approach for a New Long-term Survival Models with Latent Activation. Poster.
- Katiane S. Conceição; Adriano K. Suzuki; Marinho G. Andrade; Francisco Louzada. A Bayesian Approach to Zero-Modified Poisson Model for the Prediction of Match Outcomes: An Application to the 2012-2013 La Liga Season. Poster.
16. 3th Workshop on Probabilistic and Statistical Methods, São Carlos, 09-11/02/2015.
- Mauro R de Oliveira, Francisco Louzada. Statistical tools underlying unexpected risks in Basel II. Poster.
17. 6th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM2014). Pisa, Italy, 06-08/12/2014.
- Gleici Castro Perdoná; Hayala C. S. Cavenague; Francisco Louzada; Fernanda Maris Peria. The exponentiated modified Weibull long term hazard model in the context of breast cancer. Poster.

18. 21o SINAPE. Natal, 20-25/07/2014.

Daniele Cristina Tita Granzotto; Francisco Louzada. The Transmuted Log-Logistic Distribution: Modeling, Inference and an Application to a Polled Tabapua Race Time up to First Calving Data. Oral Communication.

Katiane S. Conceição; Marinho G. Andrade; Francisco Louzada. Zero-Modified Power Series Distributions. Oral Communication.

Adriano K. Suzuki; Francisco Louzada; Vicente G. Cancho; Gladys D. C. Barriga. A Bayesian Approach for a New Long-Term Survival Models Underlying Different Activation Schemes. Poster.

Mauro Ribeiro de Oliveira Junior; Francisco Louzada. An evidence of link between default and loss of bank loans from the modeling of competing risks. Poster.

Paulo H. Ferreira; Francisco Louzada. A modified version of the inference function for margins and interval estimation for the bivariate clayton copula sur tobit model: a simulation approach. Poster.

Alexandre C. Maiorano; Francisco Louzada. Avaliação Esportiva Utilizando Técnicas Multivariadas: Construção de Indicadores e Sistema Online. Poster.

Gleici Castro Perdon, Hayala C. S. Cavenague, Cleyton Zanardo, Francisco Louzada, Fernanda Maris Peria, Thais O. Gozzo. Exponentiated Modified Weibull Model with Long Term Survival: A Hazard Models to Cancer Problems. Poster.

Amanda Cristina Estevam; Guilherme Moraes Ferraud; Vera Tomazella; Francisco Louzada. Modelagem Estatística para Análise de Dados Imobiliários com Censura a Esquerda em modelos GAMLSS: Um estudo de caso de lotes urbanos na cidade de São Carlos, SP. Poster.

Sandra Rêgo de Jesus; Vera Lucia Damasceno Tomazella; Francisco Louzada. Análise de Referência Bayesiana para a Distribuição Lognormal Generalizada com Aplicação a Dados de Sobrevivência. Poster.

Alexandre C. Maiorano; Anderson Ara; Francisco Louzada. Sistema Online iSport. Poster.

Katiane S. Conceição; Francisco Louzada. Zero-Modified Models for Count Data. Poster.

Anderson Ara; Francisco Louzada. Redes Probabilísticas para Classificação na Presença de Variáveis Assimétricas e Bimodais. Poster.

19. 29th International Workshop on Statistical Modelling, Göttingen, Germany, 15/07/2014.

Souza, H. C. C. ; Perdon, G. S. C. ; Peria, F. M. ; Louzada, Francisco. Parameter estimation for the the Exponentiated Modified Weibull Model with Long Term Survival: A Simulation Study. Oral Contribution.

20. 59a RBRAS, Ouro Preto, MG, 19-21/05/2014.

Tomazella, V. L. D. ; Louzada-Neto, F. ; Rêgo de Jesus, S. . Objective Bayesian Reference Analysis for the Generalized Normal Regression Model: Local Influence and an Application on data of Brazilian Eucalyptus Clones. Oral Contribution.

21. 12th Brazilian Meeting on Bayesian Statistics, Atibaia, SP, 10-14/03/2014.

Francisco Louzada, Adriano Suzuki, Luis Salazar, Anderson Ara, Jose Leite. A Bayesian approach to predicting football match outcomes considering time effect weight. Oral.



- Katherine E. C. Zavaleta, Vicente G. Cancho, Francisco Louzada. A Bayesian detection zero-inflated model. Poster.
- Yiqi Bao, Vicente Garibay Cancho, Francisco Louzada. On the Bayesian estimation and influence diagnostics for the Weibull-negative-binomial regression model with cure rate under latent failure causes. Poster.
- Jose Augusto Fioruci, Yiqi Bao, Francisco Louzada, Vicente Garibay Cancho. Bayesian inference of the exponential- poisson-logarithmic distribution. Poster.
- Erlandson Saraiva, Luis Aparecido Milan, Francisco Louzada, Adriano Suzuki. A predictive allocation sampler for analysis of mixture model. Poster.
- Daniele C. T. Granzotto, Francisco Louzada. The transmuted log-logistic distribution: an application for time up to first calving of cows via Bayesian methods. Poster.
- Marcia Aparecida Centanin Macera, Francisco Louzada, Vicente G. Cancho. The exponential-Poisson regression model for recurrent events: a Bayesian approach. Poster Contribution.
22. 2o Workshop on Probabilistic and Statistical Methods, São Carlos, 5-7/02/2014.
- Daniele Cristina Tita Granzotto, Vera L. D. Tomazella, Francisco Louzada Neto. Reference analysis for the complementary exponential geometric model. Poster.
- Jurandir Prazeres Filho, Francisco Louzada, Gilberto Pereira Araújo. Capacidade preditiva de modelos de credit scoring em inferência dos rejeitados. Poster.
- Katherine E. C. Zavaleta, Vicente G. Cancho, Francisco Louzada. A Bayesian detection zero-inflated model. Poster.
- Lia Hanna Martins Morita, Vera L. D. Tomazella, Francisco Louzada Neto. Accelerated Lifetime Modelling with frailty in a non homogeneous Poisson Process for analysis of recurrent events data. Poster.
- Mauro Ribeiro de Oliveira Júnior, Francisco Louzada, Vicente G. Cancho, Bao Yiqi. Modeling time to default on a personal loan portfolio in presence of disproportionate hazard rates. Poster.
- Ricardo Rocha, Vera L. D. Tomazella, Francisco Louzada Neto. Inferência Clássica e Bayesiana para o Modelo de Fração de Cura Gompertz Defeituoso. Poster.
- Valdemiro Piedade Vigas, Francisco Louzada, Josmar Mazucheli. A Distribuição Weibull-Poisson de Longa Duração na Presença de Covariáveis. Poster.
23. 2nd International Conference on Informatics & Applications. International Conference, Lodz, Poland, 23-25/09/2013.
- Prado, S. M. ; Louzada-Neto, F. ; Rinaldo, J. G. S. ; Benzé, B. G. . A new distribution for service model with state dependent service rate. Oral.
24. 58a RBRAS, Campina Grande, PB, 22-26/07/2013.
- Sandra R. de Jesus, Vera Lucia D. Tomazella, Francisco Louzada. Análise Bayesiana Objetiva para a Distribuição Normal Generalizada com Aplicação em Dados de Altura de Clones de Eucalíptos Brasileiros. Poster.
- Valdemiro Piedade Vigas, Francisco Louzada, Josmar Mazucheli. A Distribuição Weibull-Poisson de Longa Duração. Poster.

Alexandre C. Maiorano, Francisco Louzada Neto, Anderson Ara. Indicadores para avaliação esportiva via componentes principais. Poster.

Amanda Cristina Estevam, Guilherme Moraes Ferraudo, Vera Tomazella, Francisco Louzada Neto. Aplicação do Modelo GAMLSS a Dados Imobiliários: Um estudo de caso de lotes urbanos na cidade de São Carlos, SP. Poster.

25. Sixth Brazilian Conference on Statistical Modelling in Insurance and Finance, Maresias, 24-28/03/ 2013.

Ara, A., Diniz, C., Andrade Filho, M. and Louzada, F.: Bivariate autoregressive moving average via copula. Oral.

26. 13a ERM, Maresias, SP, 24-27/02/2013.

Francisco Louzada, Vicente G. Cancho, Gladys D.C. Barriga. A New Non-default Rate Regression Model for Credit Scoring Data: an Application to a Brazilian Bank Personal Loan Portfolio Data. Oral.

Jhon F. Bernedo Gonzales, Mário de Castro Andrade Filho, Francisco Louzada, Vera L. Tomazella. A Bayesian Long-term Survival Model with Partitions Structures for Categorical Covariates. Oral.

Gleici Castro Perdonã, Francisco Louzada, Cleyton Zanardo, Hayala Cavenague. A New Weibull Family of Hazard Modesl for Breast Cancer Survival. Oral.

Cíntia Y. Yamachi, Mari Roman, Francisco Louzada Neto, Maria A. P. Franco, Vicente G. Cancho. The Exponentiated Complementary Exponential Geometric Distribution: Modeling, Properties and Inference. Poster.

Josmar Mazucheli, Francisco Louzada Neto. The Lindley-Geometric Distribution. Poster.

Silvia Maria Prado, Francisco Louzada Neto, José Gilberto Rinaldi. Generalized Queues with Waiting Time Dependent Service Rate. Poster.

Hayala Cristina Cavenague de Souza, Gleici da Silva Castro Perdoná, Francisco Louzada Neto. O Uso de Abordagem Bayesiana para o Ajuste do Modelo Weibull Modificado Exponenciado de Longa Duração para Dados de Sobrevida na área da Saúde. Poster.

Paulo Henrique Ferreira, Francisco Louzada Neto, Carlos Alberto Ribeiro Diniz. Credit Scoring Modeling with State-Dependent Sample Selection: an Application to a Brazilian Bank Data. Poster.

Amanda Cristina Estevam, Guilherme Moraes Ferraudo, Vera Lúcia Damasceno Tomazella, Francisco Louzada Neto. Métodos Estatísticos Aplicados ao Mercado Imobiliário: Um estudo de Caso de Lotes Urbanos na Cidade de São Carlos, SP. Poster.

Ricardo Ferreira da Rocha, Francisco Louzada Neto, Carlos Alberto Ribeiro Diniz. Modelos de Credit Scoring com Inferência dos Rejeitados e Estrutura de Combinação via Bagging. Poster.

Alexandre C. Maiorano, Anderson Ara, Francisco Louzada Neto. Teoria de Resposta ao Item para Construção de índices de Avaliação Institucional. Poster.

Cynthia A. V. Tojeiro, Francisco Louzada Neto, Gleici da Silva Castro Perdoná. Complementary Weibull Modified Power Series Distribution. Poster.

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