

(SHORT) CURRICULUM VITAE

JACOBO DE UÑA-ÁLVAREZ

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Personal data

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Place and date of birth: A Coruña (Spain), January 28th 1972

Nationality: Spanish

University education

‘Licenciado’ in Mathematical Sciences (1990-1995), University of Santiago de Compostela (Spain), with award ‘Premio Extraordinario de Licenciatura’ (1994-1995)

‘Doctor’ in Mathematical Sciences (April 3rd 1998) with maximum qualification ‘Apto Cum Laude’ and European Doctor Diploma. Supervisor (Spain): Wenceslao González-Manteiga (U. Santiago de C.). Supervisor (abroad): Winfried Stute (U. Giessen, Germany)

Professional employment

Present: Full Professor (‘Catedrático de Universidad’, Department of Statistics and Operations Research, U. Vigo, Spain)

Accreditation of the ANECA (the Spanish Agency for Quality Assessment) to occupy a Full Professorship, November 17th, 2009.

Previous:

- April 1996- November 2000 (U. Vigo): non-permanent professor, full time
- December 2000 – June 2010 (U. Vigo): ‘Profesor Titular de Universidad’ (permanent professor, full time) (Associate Professor)

Research experience

- Scientist-in-charge of the Statistical Inference, Decision and Operations Research (SiDOR, <http://sidor.uvigo.es>) group of the U. Vigo since 1998, presently recognized and granted as Leading Research Unit by the Xunta de Galicia (2008- .)

- Promotor of the ITMATI (Techno-institute for Maths in Industry, www.itmati.com) and member of the CINBIO (Center for Biomedical Research, U. Vigo)
- Member of the network “Asymptotic Theory for Multidimensional Statistics” 2012-2017, of MEDIASRES Marie Curie network 2012-2015 (<http://mediasres-itn.eu/>), of the Spanish Biostatistics Network (<http://eio.usc.es/pub/biostatnet/>), and of the Spanish Network Mathematics-Industry (<http://www.math-in.net/>)
- Co-Chair of the ERCIM Working Group “Statistics & Computing: Statistical Analysis of Event Times” (<http://www.cmstatistics.org/SAET.php>)
- Main research interests: nonparametric curve estimation, goodness-of-fit tests, resampling methods, censored and truncated data, length-biasing, dependent data, multiple comparison procedures, survival analysis, multi-state models, bioinformatics
- Three “sexenios” (6 years-periods with an official positive evaluation of research) recognized by the CNEAI: 1997-2002, 2003-2008, 2009-2016.

Ph. D. Advisorship

- "Multi-State Model for Biomedical Research: New Contributions in Statistical Modelling, Software Development, and Applications", Luis F. Meira-Machado (co-supervisor: Carmen Cadarso-Suárez), December 2005
- “The Statistical Analysis of Doubly Truncated Data: New Methods, Software Development, and Biomedical Applications”, Carla Moreira, July 2010
- “Semiparametric estimation in the non-Markov three-state and illness-death progressive models”, Ana Paula Amorim, February 2012
- “Contributions to Survival Analysis with Applications to Biomedicine”, Mar Rodríguez-Girondo, June 2013
- “New Contributions in the Missing Censoring-Indicator Model”, Jorge Mendonça, October 2014
- “Advances in Multiple Hypothesis Testing: the Sequential Goodness-of-Fit Procedure Revisited and Expanded”, Irene Castro-Conde, December 2014
- “Contributions to Nonparametric Estimation of Survival Curves in Non-Markov Multi-State Models”, Leyla Azarang, October 2016

Selected invited talks

- “Large sample analysis of Koziol-Green integrals” at the Statistics Seminar of the Limburgs Universitair Centrum, Diepenbeek, Belgium, September 24th 1997
- “The jackknife estimate of variance and covariance for Koziol-Green integrals” at the XI European Young Statisticians Meeting, Marly-le-Roi, France, August 24-28, 1999
- “Nonparametric regression under random censorship” at the International Seminar on Nonparametric Inference ISNI2000, Santiago de C., Spain, July 10-13, 2000
- “Duration analysis under length-bias and right-censoring” at the Seminar in Statistics and OR, Universitat Politècnica de Catalunya, Barcelona, Spain, May 5th 2002.

- “Recent advances in nonparametric estimation from length-biased, censored data” at the International Conference on Statistics in Health Sciences, Nantes, France, 13-15 June, 2004
- “Goodness-of-fit tests for regression models under selection bias” at the IX CLAPEM (Latin-American Conference on Probability and Statistics), Punta del Este, Uruguay, March 22-26, 2004
- “Duration models for cross-sectional data” at the Workshop in Economics of the U. Carlos III Madrid, April 1st, 2005
- “New methods in multi-state models: nonparametric estimation” at the International Seminar on Nonparametric Inference ISNI2005, Coruña, Spain, July 13-15, 2005
- “Advances in multivariate survival analysis with applications” at the One-Day Seminar on Survival Analysis, Diepenbeek, Belgium, May 19th, 2006
- “Nonparametric methods for non-Markov multi-state models” at the Institute of Mathematics Seminar, Amsterdam, The Neatherlands, June 26th, 2007
- “Presmoothed estimation for multi-state survival data” at the SMRLO’10, Beer Sheva, Israel, February 8-11, 2010
- “On the statistical properties of SGoF multitesting method” at the Biostatistics seminar of the University of Copenhagen, Denmark, June 15th 2011.
- “Kernel density estimation with doubly truncated data” at the *ICSA Applied Statistics Symposium*, New York, USA, June 27th 2011
- “Nonparametric and semiparametric estimation of a distribution function under random double truncation” at the FDM Seminar –Institute of Medical Biometry and Medical Informatics, Freiburg, Germany, January 18th 2012; and at the CMUP Seminar, Porto, Portugal, March 23rd 2012.
- “Advances in survival data: parametric vs nonparametric truncation” at the 20th Meeting of the Belgian Statistical Society, Liege, Belgium, October 25th 2012
- “On Non-Parametric Estimation of Transition Probabilities in Multi-State Models”, Open day of CMAT, Braga 2015
- “Sampling issues in clinical survival analysis” at the *One-day Workshop on Survival Analysis (WSA2017)*, Lisbon, Portugal, January 2017
- “Copula-graphic estimation with left-truncated and right-censored data”, Department of Statistics, U. Carlos III Madrid, March 10th 2017; and Department of Economics, U. Carlos III Madrid, April 3rd 2017

Contributed papers

More than 100 contributed papers presented at conferences and meetings since 1996.

Professional activities

- Chair of the Department of Statistics and Operations Research, U. Vigo, November 8th 2004 – November 13th 2007; and February 2017 – February 2020
- Elected Member of the Council of the Galician Statistics and Operations Research Society (SGAPEIO), 2001-2005
- Elected Member of the Academic Council of the Spanish Statistics and Operations Research Society (SEIO), 2007-2010

- Coordinator of the Doctorate Program on Statistics and Operations Research Commission, jointly organized by the U. Vigo, the U. Santiago de C. and the U. Coruña (Quality Distinction of the Spanish Ministry of Education and Science), 2000-2004
- Coordinator of the Statistics Master Program (until February 2017) and of the Doctorate Program in Statistics and OR, jointly organized by the U. Vigo, the U. Santiago de C. and the U. Coruña (Quality Distinction of the Spanish Ministry of Education) since 2011.
- Associate Editor of the following journals: *Annals of the Institute of Statistical Mathematics*, 2011- ; *Computational Statistics*, 2013-2017; *Biometrics*, 2014- ; *Brazilian Journal of Probability and Statistics* 2015- .
- Grant referee for the Spanish Agency of Evaluation and Prospective (ANEP) since 2003; and for the Science, Technology and Innovation Agency of Uruguay (DINACYT) since 2004
- Principal investigator of several research projects funded by the Spanish Ministry of Education and Science and by the Xunta de Galicia Research Commission, continuously since 2002.
- Main responsible of the following meetings and conferences: Seminario de Inferencia No Paramétrica de Curvas NOPARAMETRIC99 (Vigo, July 15-16 1999), VI Congreso Galego de Estatística e Investigación de Operacións (Vigo, November 5-7 2003), International Seminar on Multi-State Models SMSM2005 (Vigo, May 18th 2005), International Seminar on Nonparametric Inference ISNI2008 (Vigo, 5-7 2008), ISCB2017 (<http://iscb2017.info>)

Awards

‘Premio Ramiro Melendreras’ of the Spanish Statistics and Operations Research Society (SEIO): best young researcher in Spain, 2000

Selected papers & publications

More than 100 publications, including scientific papers, book chapters, and technical reports. See <http://webs.uvigo.es/jacobo/full.pdf> for full publications list