

Vicente A. Núñez-Antón

University of the Basque Country UPV/EHU
Department of Quantitative Methods
Bilbao, Spain

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SHORT CURRICULUM VITAE

Place of Birth	Guayaquil, Ecuador
Date of Birth	October 9, 1963
Citizenship	Spanish

UNIVERSITY EDUCATION

1982-1987	<i>Electronic Engineer</i> , Escuela Superior Politécnica del Litoral (ESPOL), Ecuador
1989-1990	<i>M.S. in Theoretical Statistics</i> , The University of Iowa, U.S.A.
1990-1993	<i>Ph.D. in Statistics</i> , The University of Iowa, U.S.A. <i>Thesis</i> : Analysis of longitudinal data with unequally spaced observations and time dependent correlated errors <i>Supervisor</i> : George G. Woodworth (The University of Iowa)

PROFESSIONAL EXPERIENCE

1983 - 1986	<i>Teaching Assistant</i> , Instituto de Ciencias Matemáticas, Escuela Superior Politécnica del Litoral (ESPOL).
1986 - 1987	<i>Visiting Professor</i> , Instituto de Ciencias Matemáticas, Escuela Superior Politécnica del Litoral (ESPOL).
1987 (II - XI)	<i>Visiting Professor</i> , Escuela de Sistemas de la Facultad de Ingeniería, Universidad Católica de Santiago de Guayaquil.
1989 - 1993	<i>Teaching Assistant</i> , Department of Statistics and Actuarial Science, The University of Iowa.
1990 (VI - IX)	<i>Statistical Consultant</i> , Statistical Consulting Center, The University of Iowa.
1990 - 1993	<i>Research Assistant</i> , Department of Statistics and Actuarial Science, The University of Iowa.
1993 - 1998	<i>Assistant Professor of Statistics</i> , Department of Econometrics and Statistics (Applied Economics III), University of the Basque Country UPV/EHU.
1998 - 2002	<i>Associate Professor of Statistics</i> , Department of Econometrics and Statistics (Applied Economics III), University of the Basque Country UPV/EHU.
2002-2020	<i>Full Professor of Statistics</i> , Department of Econometrics and Statistics (Applied Economics III), University of the Basque Country UPV/EHU.
since 2020	<i>Full Professor of Statistics</i> , Department of Quantitative Methods, University of the Basque Country UPV/EHU.

AWARDS

1987-1989	Graduate Scholarship awarded by BID (Banco Interamericano de Desarrollo), LASPAU (Latin American Scholarship Program for American Universities) and ESPOL (Escuela Superior Politécnica del Litoral) for the M.S. in Theoretical Statistics.
1987-1989	International Tuition Scholarship awarded by the University of Iowa International Center for the M.S. in Theoretical Statistics.

1989-1993 Tuition Scholarship awarded by the Department of
Statistics and Actuarial Science of The University
of Iowa for the Ph.D. in Statistics.

PARTICIPATION IN RESEARCH PROJECTS

- September 2021-August 2025: **Propuestas semiparamétricas, Bayesianas y de verosimilitud empírica de modelización en análisis de supervivencia, datos longitudinales y modelos de sobredispersión.** Funded by the Spanish Ministerio de Ciencia e Innovación and FEDER. Principal Investigator.
- December 2016-September 2021: **Propuestas Metodológicas Alternativas Bayesianas, Semiparamétricas y de Verosimilitud Empírica en Datos Longitudinales, Análisis de Supervivencia y Modelización de la CVRS.** Funded by the Spanish Ministerio de Economía y Competitividad and FEDER. Principal Investigator.
- January 2014-December 2017: **Métodos Avanzados en Modelos Espaciales de Sobredispersión, Modelización de la CVRS y Datos Longitudinales: Desarrollo, Implementación y Validación.** Funded by the Spanish Ministerio de Economía y Competitividad and FEDER. Principal Investigator.
- January 2011-July 2014: **Análisis de Datos Longitudinales: Modelos Antedependientes y Pseudo paneles. Modelización Estadística de Índices de Calidad de Vida Respecto de la Salud: Propuestas Alternativas y Contrastes de Bondad de Ajuste.** Funded by the Spanish Ministerio de Ciencia e Innovación and FEDER. Principal Investigator.
- October 2007-December 2010: **Análisis de Pseudo Paneles, Contrastes de Bondad de Ajuste y Estudio Estadístico de Índices de Calidad de Vida Respecto de la Salud.** Funded by the Spanish Ministerio de Educación y Ciencia and FEDER. Principal Investigator.
- December 2004-December 2007: **Contrastes de Bondad de Ajuste en Modelos Multinomiales, de Independencia y Homogeneidad en Tablas de Contingencia, y de Bondad de Ajuste en Distribuciones Bivariadas: Estadísticos de Divergencia y Análisis de Residuos.** Funded by the Spanish Ministerio de Educación y Ciencia and FEDER. Principal Investigator.
- October 2002-September 2003: **Estudio de los Estadísticos de Divergencia y Análisis de Residuos para Contrastes de Bondad de Ajuste en Modelos Multinomiales, de Independencia y Homogeneidad en Tablas de Contingencia, y de Bondad de Ajuste en Distribuciones Bivariadas.** Funded by the Spanish Ministerio de Ciencia y Tecnología and FEDER. Principal Investigator.
- December 1999-December 2002: **Nuevas Metodologías en Estadística: Datos Longitudinales, Estimación Semiparamétrica, Aplicaciones a Datos Financieros e Inserción de Encuestas.** Funded by the Spanish Ministerio de Ciencia y Tecnología and FEDER. Principal Investigator.

- October 1999-October 2001: **Métodos Cuantitativos Aplicados al Estudio de los Mercados Financieros**. Funded by Universidad del País Vasco UPV/EHU. Principal Investigator: E. Ferreira García.
- November 1997-November 1998: **Nuevas Metodologías en Estadística: Inserción de Encuestas y Modelos Aditivos Generalizados**. Funded by Universidad del País Vasco UPV/EHU. Principal Investigator: F. Tusell Palmer.
- December 1996-November 1999: **Nuevas Metodologías en Estadística: Inserción de Encuestas y Modelos Aditivos Generalizados**. Funded by the Spanish : Ministerio de Educación y Cultura and FEDER. Principal Investigator: F. Tusell Palmer.
- December 1994-November 1995: **Estimación Funcional no Paramétrica con Estructuras de Correlación no Estacionarias**. Funded by Universidad del País Vasco UPV/EHU. Principal Investigator.

PH.D. THESIS SUPERVISION

- J.M. Orbe Lizundia (2000). **Un Modelo de Regresión Parcial Censurado para Análisis de Supervivencia** (with E. Ferreira García)
- A. Oguiza Tovar (2007). **Análisis de Datos de Pseudo-Panel con Muestras Dependientes** (with I. Gallastegui Zulaica).
- I. Arostegui Madariaga (2007). **Estudio de la Distribución y Modelización Estadística de la Calidad de Vida Respecto de la Salud: Cuestionario de Salud Short Form - 36 (SF-36)**.
- M. Morales Otero (2023). **Bayesian spatio-temporal conditional overdispersion models for count data: Proposals, estimation and applications**.

RECENT PROJECTS, SERVICES, INVITED TALKS AND PAPERS PRESENTED

- Organizer (with Göran Kauermann) of the workshop Survival of the Fittest. Time to Event Analysis in Biostatistics, Economics and Related Fields. Funded by the Centre for Interdisciplinary Research (ZiF, Zentrum für Interdisziplinäre Forschung), University of Bielefeld, Bielefeld, Germany. Research grants granted by the Spanish Ministry of Science and Education, the Basque Government and the University of the Basque Country (UPV/EHU).
- Chair of the Organizing and Scientific Committees for the 15th International Workshop on Statistical Modelling. Funded by the Spanish Ministry of Education and Culture, the Basque Government, the Basque Institute of Statistics and Universidad del País Vasco (UPV/EHU).
- Member of the Board of Trustees, the Executive Committee and Secretary of the International Workshop on Statistical Modelling.
- Member of the Scientific Committee of the 15th, 18th, 19th, 21st, 30th and 35th International Workshop on Statistical Modelling.
- Member of the International Program Committee for the International Biometric Conferences 2006 (Montreal, Canada), 2008 (Dublin, Ireland) and 2012 (Kobe, Japan).
- Member of the Scientific Committee for the 2nd Iberoamerican Meeting of Biometry 2009 (Veracruz, Mexico).
- Chair of the International Program Committee for the International Biometric Conference 2010 (Floripa, Santa Catarina, Brazil).
- Chair of the Subcommittee of the American Statistical Association's Committee on Nominations for International Representative to the American Statistical Association (ASA) Board of Directors.
- Member of the Scientific Committee for the First Meeting of the National Biostatistics Network Biostatnet.
- Member of the Scientific Committee for the Second Meeting of Young Researchers in Design of Experiments and Biostatistics (JEDE II).
- Member of the Scientific Committee for the Second Meeting of the National Biostatistics Network Biostatnet.
- Member of the International Scientific Committee for the 5th International Conference on Risk Analysis (Biomedicine, Environmetrics, Economics, Finance & Reliability) (ICRA5).
- Member of the Scientific Committee for the Third Summer School Meeting of Young Researchers in Statistics: Design of Experiments and Biostatistics (JEDE III).
- Member of the Scientific Committee for the Third Meeting of the National Biostatistics Network Biostatnet.

Member of the International Scientific Committee for the 6th International Conference on Risk Analysis (Biomedicine, Environmetrics, Economics, Finance & Reliability) (ICRA6).

Chair of the Scientific Committee for the XV Spanish Biometric Conference and V Iberoamerican Biometric Meeting.

Member of the Scientific Committee for the XVI Spanish Biometric Conference.

Member of the International Scientific Committee for the 7th International Conference on Risk Analysis (Biomedicine, Environmetrics, Economics, Finance & Reliability) (ICRA7).

Member of the Scientific Committee for the Satellite Meeting of ISI-Committee on Risk Analysis, in honour of Professor David Banks and for the 11th Workshop on Statistics, Mathematics and Computation.

Member of the Scientific Committee for the Fourth Meeting of the National Biostatistics Network Biostatnet.

Member of the Scientific Committee for the XVII Spanish Biometric Conference and VI Iberoamerican Biometric Meeting.

Member of the Scientific Committee for the XVIII Spanish Biometric Conference.

Member of the Scientific Committee for the XIX Spanish Biometric Conference and VIII Iberoamerican Biometric Meeting.

Member and Chair of the Conference Advisory Committee of the International Biometric Society.

Member of the Executive Committee of the Spanish Biometric Society.

Member of the International Representative Council of the International Biometric Society.

Elected Member of the Executive Board of the International Biometric Society.

Member of the Editorial Advisory Committee of the International Biometric Society.

Associate Editor for Applied Statistics (JRSS-C), Statistical Modelling and Methodology: European Journal of Research methods for the Behavioral and Social Sciences.

Book Review Editor for Biometrics.

Coordinating Editor for Statistical Modelling.

Secretary-Treasurer of the International Biometric Society.

Member of the Executive Board of the International Biometric Society.

Member of the Budget and Finance Committee of the International Biometric Society.

Referee for papers submitted to the Journal of the Royal Statistical Society - Series B, Journal of Multivariate Analysis, Biometrics, Statistical Methods in Medical Research, Biostatistics, The British Journal of Mathematical and Statistical Psychology, Applied Statistics (Journal of the Royal Statistical Society - Series C),

Statistics and Computing, Biometrical Journal, Journal of Computational and Graphical Statistics, Computational Statistics and Data Analysis, Scandinavian Journal of Statistics, Journal of Applied Statistics, Journal of Time Series Analysis, SORT, Journal of Nonparametric Statistics, Test, Statistics and Computing, Physiological Genomics, Genetics, Statistical Modelling, Statistical Methodology and Genetics, Communications in Statistics - Simulation and Computation, Journal of Agricultural, Biological and Environmental Statistics (JABES), Statistical Methodology, Comptes Rendus Mathematics, The Brazilian Journal of Probability and Statistics, Revista de Economía Agraria y Recursos Naturales (EARN).

External expert for the promotion of Faculty at the University of California at Los Angeles (UCLA), for the University of Cyprus, for the Ludwig-Maximilians-Universität (LMU) München and for Durham University.

External evaluator of book proposals for John Wiley and Sons.

External expert for the evaluation of research grants for the “Fonds voor Wetenschappelijk Onderzoek-Vlaanderen” (Flemish Government, Belgium).

Expert for the evaluation of research grants in the areas of Mathematics and Economics for the Spanish Ministry of Science and Education.

Invited talks at the seminars organized by the University Veracruzana (Mexico), Catholic University of Leuven (Belgium), National University of Bogotá (Colombia), University Sergio Arboleda (Colombia), Ludwig Maximilians University of Munich (Germany), Toulouse University (France), The University of Iowa (USA), Iowa State University (USA), Pontificia Universidad Católica de Chile (Chile), University of Wisconsin (USA), University of Missouri (USA), University of South Carolina at Columbia (USA), Pontificia Universidad Católica de Chile (Chile), Pontificia Universidad Católica de Valparaíso (Chile), The Institute of Cybernetics, Mathematics and Physics (ICIMAF, Cuba), Escuela Superior Politécnica del Litoral (ESPOL) (Ecuador), Erasmus Medical Center - University Medical Center Rotterdam (The Netherlands), Public University of Navarra (Spain), University of the Basque Country (Spain), University of Coruña (Spain), University of Cantabria (Spain), University Carlos III (Spain), Polytechnic University of Cataluña (Spain), University of Castilla La Mancha (Spain), University of Valencia (Spain), University of Navarra (Spain), Hasselt University (Belgium), Autonomous University of Barcelona (Spain), University EAFIT (Colombia), University of Antioquia (Colombia), University Javeriana (Colombia), Università degli studi di Milano-Bicocca, (Italy), University of Marburg (Germany) and University of Miami (USA).

Papers presented at National and International meetings in Statistics, such as the International Biometric Conference, the European Meeting of the Psychometric Society, the Congreso Nacional de Estadística e Investigación Operativa, Spanish Biometric and Iberoamerican Conference, the Conference on Applied Statistics in Ireland, the European Mathematical Psychology Group Meeting, the International Conference of the Royal Statistical Society, the Meeting of the European Conference Series in Quantitative Economics and Econometrics (EC)², the International Conference on Applied Stochastic Models and Data Analysis, the Congreso Iberoamericano de Estadística and Foro Nacional de Estadística, the International Workshop on Statistical Modelling, the meeting Modelling Longitudinal and Spatially Correlated Data: Methods, Applications, and Future Directions, the Workshop The Art of Nonparametric Statistics: Methodologies and Applications, the Meeting of the International Biometric Society Network for Central America, the Caribbean, Mexico, Colombia and Venezuela, the Session of the International Statistical Institute, the International Meeting of Multidimensional Data Analysis, the International Conference on Mathematical Methods in Reliability, the COMPSTAT Conference, Foro de Finanzas, Simposio de Análisis Económico, the Conferencia Española de Biometría, the European Meeting of Statisticians, the International Symposium on Medical Data Analysis, the Conference on Information Theory. Statistical Decision Functions and Random Processes, the Society of Computational Economics International Conference on Computing in Economics and Finance, the International Conference of the ERCIM Working Group on Computing and Statistics, International Conference on Risk Analysis (ICRA) - Biomedicine, Environmetrics, Economics, Finance and Reliability, Meeting of Young Researchers in Design of Experiments and Biostatistics, and the Conference on Statistical Computation and Complex Systems. Member of the American Statistical Association, of the International Biometric Society, of the Sociedad Española de Estadística e Investigación Operativa, of the Sociedad Española de Biometría, of the Statistical Modelling Society, and of the International Association for Statistical Computing, a section of The International Statistical Institute.

Elected member of the International Statistical Institute.

Fellow of the Royal Statistical Society.

SELECTED PUBLICATIONS

- Núñez-Antón, V. and Woodworth, G.G. (1994). Analysis of longitudinal data with unequally spaced observations and time-dependent correlated errors. *Biometrics*, **50**, 445-456.
- Núñez-Antón, V. and Woodworth, G.G. (1995). Letter to the editor of the Journal of the International Biometric Society (Biometrics), as a reply to the letter of Dr. C. Glasbey on the paper “Analysis of longitudinal data with unequally spaced observations and time-dependent correlated errors. *Biometrics*, **51**, 375-377.
- Núñez-Antón, V., El Barmi, H. and Zimmerman, D.L. (1995). Una nota sobre matrices de covarianzas con inversas tridiagonales. *Estadística Española*, **37**, 201-215.
- Núñez-Antón, V. (1995). Review of the book “Mathematical Algorithms for Linear Regression” by H. Späth. *Journal of Applied Statistics*, **22(2)**, 318-319.
- Núñez-Antón, V. (1995). Review of the book “Statistical Tables for Economics, Business and Social Studies, 2nd Edition” by Z.W. Kmietowicz and Y. Yannoulis. *Journal of Applied Statistics*, **22(3)**, 439-440.
- Orbe, J., Fernández, A. and Núñez-Antón, V. (1996). Análisis de la supervivencia de enfermos de SIDA residentes en la Comunidad Autónoma del País Vasco y Navarra. *Osasunkaria*, **12**, 2-8.
- Núñez-Antón, V. (1996). Review of the book “Exact Statistical Methods for Data Analysis” by S. Weerahandi. *The Statistician*, **45**, 139-141.
- Ferreira, E., Núñez-Antón, V. and Rodríguez-Póo, J.M. (1997). Kernel regression estimates of growth curves using nonstationary correlated errors. *Statistics & Probability Letters*, **34(4)**, 413-423.
- Zimmerman, D.L. and Núñez-Antón, V. (1997). Structured antedependence models for longitudinal data. In *Modelling Longitudinal and Spatially Correlated Data. Methods, Applications and Future Directions* (T.G. Gregoire et al., eds.). Lecture Notes Series in Statistics No. 122, 63-76. New York: Springer.
- Núñez-Antón, V. (1997). Longitudinal data analysis: Non-stationary error structures and antedependent models. *Applied Stochastic Models and Data Analysis*, **13**, 279-287.
- Ferreira, E., Núñez-Antón, V. and Rodríguez-Póo, J.M. (1997). Growth curve models with non-stationary errors. *Applied Stochastic Models and Data Analysis*, **13**, 233-239.
- Núñez-Antón, V. (1997). Review of the book “Practical Longitudinal Data Analysis” by D. Hand and M. Crowder. *The Statistician*, **46(3)**, 451-452.

- Zimmerman, D.L., Núñez-Antón, V. and El Barmi, H. (1998). Computational aspects of likelihood-based inference of first-order antedependence models. *Journal of Statistical Computation and Simulation*, **60**, 67-84.
- Fernández, K., Gallastegui, I., Núñez-Antón, V. and Olaizola, N. (1998). Aplicaciones del análisis multivariante: Segmentación de clientes de una entidad financiera. *Boletín de Estudios Económicos*, **LIII**, No. **163**, 157-170.
- Ojeda, M.M., Núñez-Antón, V. and Sosa, H. (1998). Modelación de perfiles de crecimiento usando modelos lineales con coeficientes aleatorios. *Agrociencia*, **32**(2), 169-174.
- Fernández, K., Gallastegui, I., Núñez-Antón, V. and Olaizola, N. (1998). Multivariate techniques for marketing policies. In *Analices Multidimensionnelles Des Données. IVéme Congrès International NGUS'97* (K. Fernández and A. Morineau, eds.), 77-86. Paris: CISIA-CERESTA.
- Núñez-Antón, V., Rodríguez-Póo, J.M. and Vieu, P. (1999). Longitudinal data with nonstationary errors: A nonparametric three-stage approach. *Test*, **8**(1), 201-231.
- Ferreira, E., Núñez-Antón, V. and Rodríguez Póo, J.M. (2000). Semiparametric approaches to signal extraction problems in economic time series. *Computational Statistics and Data Analysis*, **33**(3), 315-333.
- Núñez-Antón, V. and Zimmerman, D.L. (2000). Modelling nonstationary longitudinal data. *Biometrics*, **56**, 699-705.
- Ferraty, F., Núñez-Antón, V. and Vieu, P. (2001). Regresión No Paramétrica: Desde la Dimensión Uno Hasta la Dimensión Infinita. Servicio Editorial de la Universidad del País Vasco: Bilbao, Spain.
- García Pérez, M.A. and Núñez-Antón, V. (2001). Small-sample comparisons for power-divergence goodness-of-fit statistics for symmetric and skewed simple null hypotheses. *Journal of Applied Statistics*, **28**(7), 855-874.
- Orbe, J., Ferreira, E. and Núñez-Antón, V. (2001). Modelling the duration of firms under chapter 11 bankruptcy using a flexible model. *Economics Letters*, **71**, 35-42.
- Núñez-Antón, V. and Zimmerman, D.L. (2001). Modelización de datos longitudinales con estructuras de covarianza no estacionarias: Modelos de coeficientes aleatorios frente a modelos alternativos. *Qüestió*, **25**(2), 225-262.
- Orbe, J., Ferreira, E. and Núñez-Antón, V. (2001). A new model for AIDS survival analysis. In *Medical Data Analysis. Second International Symposium, ISMDA 2001. Madrid, Spain, October 2001* (J. Crespo et al., eds.). Lecture Notes Series in Computer Science No. 2199, 201-206. New York: Springer-Verlag.

- Zimmerman, D.L. and Núñez-Antón, V. (2001). Parametric modelling of growth curve data: An overview (invited paper with discussion). *Test*, **10(1)**, 1-73.
- Orbe, J., Ferreira, E. and Núñez-Antón, V. (2002). Length of time spent in chapter 11 bankruptcy: A censored partial regression model. *Applied Economics*, **34**, 1949-1957.
- Orbe, J., Ferreira, E. and Núñez-Antón, V. (2002). Comparing proportional hazards and accelerated failure time models for survival analysis. *Statistics in Medicine*, **21**, 3493-3510.
- García Pérez, M.A. and Núñez-Antón, V. (2003). Cellwise residual analysis in two-way contingency tables. *Educational and Psychological Measurement*, **63(5)**, 825-839.
- Orbe, J., Ferreira, E. and Núñez-Antón, V. (2003). Censored partial regression. *Biostatistics*, **4(1)**, 109-121.
- Oguiza, A., Gallastegui, I. and Núñez-Antón, V. (2003). Búsqueda de empleo en la CAPV (1993-1999): Cualificación y Género. *Cuadernos de Economía*, **26(72)**, 233-257.
- Núñez-Antón, V. (2003). Review of the book “Goodness-of-Fit Tests and Model Validity” edited by C. Huber-Carol, C. Balakrishnan, M.S. Nikulin and M. Mesbah. *Biometrics*, **59(1)**, 200-201.
- Núñez-Antón, V. (2003). Review of the book “Statistical Methods for the Analysis of Repeated Measurements” by C. S. Davis. *Journal of Applied Statistics*, **30(10)**, 1243-1243.
- Fernández, K., Gallastegui, I., Modroño, J.I. and Núñez-Antón, V. (2003). Clients’ Characteristics and Marketing of Products: Some Evidence from a Financial Institution. *International Journal of Bank Marketing*, **21(5)**, 243-254.
- García-Pérez, M.A. and Núñez-Antón, V. (2004). On The Chi-Square Approximation to the Exact Distribution of Goodness-of-Fit Statistics in Multinomial Models with Composite Hypotheses. *The British Journal of Mathematical and Statistical Psychology*, **57(1)**, 73-96.
- García-Pérez, M.A. and Núñez-Antón, V. (2004). Small-sample comparisons for goodness-of-fit statistics in one-way multinomials with composite hypotheses. *Journal of Applied Statistics*, **31(2)**, 161-181.
- Oguiza, A., Gallastegui, I. and Núñez-Antón, V. (2004). La Población Ocupada en la CAPV (1993-1999). Género y formación como características relevantes. *Estadística Española*, **46, No. 156**, 229-292.
- Núñez-Antón, V. (2005). Review of the book “Biostatistics: A Bayesian Introduction” by G. G. Woodworth. *Statistical Methods in Medical Research*, **14(1)**, 441-442.

- Núñez-Antón, V. and Orbe, J. (2005). Statistical time to event analysis in the Social Sciences. Modelling hazard rate and duration in Finance. *Methodology. European Journal of Research Methods for the Behavioral and Social Sciences*, **1(3)**, 104-118.
- Orbe, J. and Núñez-Antón, V. (2006). Alternative approaches to study lifetime data under different scenarios: from the PH model to the modified semiparametric AFT model. *Computational Statistics and Data Analysis*, **50(6)**, 1565-1582.
- Núñez-Antón, V. (2006). Review of the book “Modeling Longitudinal Data” by R. E. Weiss. *Journal of Applied Statistics*, **33(4)**, 463-464.
- Orbe, J. and Núñez-Antón, V. (2006). Factores determinantes en la supervivencia de la banca rusa al inicio de la transición. In *Contribuciones a la Estadística y a la Investigación Operativa* (J. Sicilia, C. González, M.A. González and D. Alcaide López de Pablo, eds.), 717-725. La Laguna: Servicio Editorial de la Universidad de La Laguna.
- Arostegui, I., Núñez-Antón, V. and Quintana, J.M. (2007). Analysis of the Short Form - 36 (SF-36): The beta-binomial approach. *Statistics in Medicine*, **26(6)**, 1318-1342.
- Cepeda-Cuervo, E. and Núñez-Antón, V. (2007). Bayesian joint modelling of the mean and covariance structures for normal longitudinal data. *SORT*, **31(2)**, 181-200.
- Arostegui, I. and Núñez-Antón, V. (2008). Aspectos estadísticos del cuestionario de calidad de vida relacionado con la salud Short Form-36 (SF-36). *Estadística Española*, **50, No. 167**, 147-192.
- El Barmi, H., Núñez-Antón, V. and Zimmerman, D.L. (2009). Testing for and against a set of inequality constraints: The k -sample case. *Journal of Statistical Planning and Inference*, **139(3)**, 1012-1022.
- García-Pérez, M.A. and Núñez-Antón, V. (2009). Statistical inference involving binomial and negative binomial parameters. *The Spanish Journal of Psychology*, **12(1)**, 288-308.
- García-Pérez, M.A. and Núñez-Antón, V. (2009). Accuracy of power-divergence statistics for testing independence and homogeneity in two-way contingency tables. *Communications in Statistics - Simulation and Computation*, **38(3)**, 503-512.
- Cepeda-Cuervo, E. and Núñez-Antón, V. (2009). Bayesian modeling of the mean and covariance matrix in normal nonlinear models. *Journal of Statistical Computation and Simulation*, **79(6)**, 837-853.
- Zimmerman, D.L. and Núñez-Antón, V. (2010). Antedependence Models for Longitudinal Data. Monographs on Statistics and Applied Probability No. 112. New York: Chapman and Hall.

- Díaz-Emparanza, I. and Núñez-Antón, V. (2010). On the use of simulation methods to compute probabilities: Application to the First Division Spanish Soccer League. *SORT*, **34(2)**, 181-200.
- Núñez-Antón, V. and Orbe, J. (2011). A Study of Bank's Lifetime Using Censored Regression Models. In *Risk Analysis - Selected Papers from the Fourth International Conference on Risk Analysis (ICRA4)* (A. Karagrigoriou, K.-E. Biebler and I.B. Frenkel, eds.). Biometrie und Medizinische Informatik - Greifswalder Seminarberichte Series, Volume 18, 113-125. Aachen: Shaker Verlag.
- Orbe, J. and Núñez-Antón, V. (2011). Analysis of the determinants of survival for the Russian commercial banking industry: a new approach. *Applied Stochastic Models in Business and Industry*, **27(3)**, 301-314.
- Arostegui, I., Núñez-Antón, V. and Quintana, J.M. (2012). Statistical approaches to analyze patient reported outcomes as response variables: An application to health related quality of life. *Statistical Methods in Medical Research*, **21(2)**, 189-214.
- Quintero-Sarmiento, A., Cepeda-Cuervo, E. and Núñez-Antón, V. (2012). Estimating infant mortality in Colombia: Some overdispersion modelling approaches. *Journal of Applied Statistics*, **39(5)**, 1011-1036.
- Bayarri García, M.J., Cadarso Suárez, C., Durbán Reguera, M.L., Gómez Melis, G., López Fidalgo, J., Martín Andrés, A., Núñez Antón, V. and Puig Casado, P. (2012). BioStatNet: un proyecto interdisciplinar de Bioestadística en Red. *BEIO (Boletín de Estadística e Investigación Operativa)*, **28(2)**, 185-200.
- Oguiza, A., Gallastegui, I. and Núñez-Antón, V. (2012). Analysis of pseudo-panel data with dependent samples. *Journal of Applied Statistics*, **39(9)**, 1921-1937.
- Orbe, J. and Núñez-Antón, V. (2012). Bias correction on censored least squares regression models. *Kybernetika*, **48(5)**, 1045-1063.
- Arostegui, I., Núñez-Antón, V. and Quintana, J.M. (2013). On the recoding of continuous and bounded health indexes to a binomial form: An application to quality of life scores. *Journal of Applied Statistics*, **40(3)**, 563-582.
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