

SHORT CURRICULUM VITAE

■ Personal Data

- Name: Wenceslao González Manteiga
- Born in Sao Paulo, Brasil, on May 31th, 1956. Married, two sons and two daughters.
- Identity Card Number: 32618861P
- Professional Address: Department of Statistics and OR, Faculty of Mathematics, Santiago de Compostela University, 15782 Santiago de Compostela, Spain
- Current Position: Full Professor of Statistics at the University of Santiago de Compostela, Spain.
- Phone:+34 981 563100
- Fax:+34 981 597054
- E-mail: wenceslao.gonzalez@usc.es
- Web-page: <http://eio.usc.es/pub/wences>

■ Academic Background

- 1974. Matriculation as a student of Mathematics at the University of Santiago de Compostela, Spain.
- 1979. Degree in Mathematics. Santiago de Compostela. Emphasis: Statistics and Operation Research.
- 1979. Promoted to Teaching Assistant at the University of Santiago de Compostela, Spain.
- 1982. Ph. D. in Mathematics, University of Santiago de Compostela, Spain. Doctoral Thesis: “Consistency and asymptotic properties of non parametric density and regression estimators”. Supervisor: J.A. Cristóbal-Cristóbal.
- 1983. Promoted to Professor by contract at the University of Santiago de Compostela, Spain.
- 1986. Promoted to Permanent Professor at the University of Santiago de Compostela, Spain.
- 1992. Promoted to Full Professor at the University of Santiago de Compostela, Spain.
- *International Scientific exchange:* University of Giessen (Germany), University of Penn State (USA), Université Catholique de Louvain (Belgium), University of Paul Sabatier of Toulouse (France), IMPA of Rio de Janeiro (Brasil).

■ Research Interests

Curve estimation; Time series; Neural Networks; Bootstrap; Spatial data analysis; Survival data analysis; Finite populations; Small areas; Biostatistics; Financial Econometrics; Environmental and Industrial Applications; Functional data; Goodness of fit tests for regression models.

■ Professional Service

A) **Teaching.** Classroom lectures on different topics in stochastic (both in Probability Theory and Statistics), such as: Basic courses in Probability and Statistics, Mathematical Statistics, Markov-Chains, Nonparametric Statistics, Multivariate Analysis, Time Series, Simulation, Decision Theory, Curve Estimation, Survival Analysis, Resampling Methods, Goodness of fit, Financial Econometrics.

B) **Editorial Service.** Associate Editor of *Test* (1992-1996, 2002-); Associate Editor of *Estadística Española* (1990-1994); Associate Editor of *La Gaceta de la Real Sociedad Matemática Española* (1998-2001); Editor of *Test* (1996-2001); Associate Editor of *Computational Statistics* (2001-2011); Associate Editor of *Statistical Inference for Stochastic Processes* (2003-); Associate Editor of *Annals of Institute Mathematical Statistics* (2006-); Associate Editor of *Brazilian Journal of Probability and Statistics* (2013-). Associate Editor of *REVSTAT*(2013-).

C) **Referee in Journals.** *Trabajos de Estadística e I.O.*, *Trabajos de Estadística*, *Trabajos de Investigación Operativa*, *Estadística Española*, *Statistics*, *JASA*, *Computational Statistics and Data Analysis*, *Annals of Statistics*, *Questiió*, *TEST*, *Annals of the Institut Mathematical Statistics*, *Student*, *Lecture Notes of IMS*, *Journal of Multivariate Analysis*, *Scandinavian Journal of Statistics*, *Bernoulli*, *Communications in Statistics. Theory and Methods*, *Journal of the Royal Stat. Society. Ser.B*, *Journal of Stat. Planning and Inference*, *Journal of Nonparametric Statistics*, *Journal of JGR Atmospheres*, *Statistica Sinica*, *Journal of Econometrics*, *Stochastic Environment Res. and Risk Assesment (SERRA)*, *Econometric Theory*, *Biometrics*, *International Statistical Review*, *Statistics*, *Probability and Letters*, *Biometrika* and *IEEE on Information Theory*.

D) **Supervisor** of 30 completed Ph.D. Thesis (Many of these students are full professors in Spain with international prestige: Ricardo Cao Abad, Manuel Febrero Bande, Carmen Cadarso Suárez, Jacobo de Uña Álvarez ..etc).

E) **Professional Membership.** IMS, Bernoulli Society (member of the European Regional Committee of the Bernoulli Society for the period 1998-2002). ISI (ISI member), Spanish Statistical Society and Galician Statistical Society.

F) **Organizer** of the International Seminar on Functional Estimation (1993), International Seminar on Bootstrap (1993), International Seminar in Nonparametric Inference (2000), ISI international conference on Environmental Statistics and Health (2003), METMAV International Workshop on Spatio-Temporal Modelling(2010) (All these conferences in Santiago de Compostela). Organizer of the Invited session IPM 08: Recent Advances in Spatial Statistics with

Environmental Applications, sponsored by BS and TIES and celebrated in the ISI conference in Lisbon, 2007. Organizer of the invited session IPM4: Semi and Non-Parametric Statistics, sponsored by BS and celebrated in the ISI conference in Durban, South Africa, 2009. Organizer of the invited paper session IV On Goodness of fit in the EMS conference in Toulouse, 2009. Coorganizer of the II International Society for NonParametric Statistics (ISNPS) celebrated in Cadiz, Spain. 2014.

G) **Scientific member** in several international conferences.

H) **Member of the National Agency of the evaluation** of the research in Mathematics in Spain since 2003. Coordinator of the network on Consulting and Computing in Mathematics in Spain (2006-2011).

I) **Chair of the department of Statistics and Operations Research:** 2003-2008.

J) **Main researcher** with different projects (at national and international level) of Methodological Statistics and contracts with the Industry in the last 25 years. With budget of about 3500000 € in the last 15 years and about 500000€ in the last two years.

K) **Cochair of the Ercim Working Group on Computing & Statistics in statistics for functional data:**

<http://www.dcs.bbk.ac.uk/~matrix/ercim/TrackSFD.html>

L) **Main researcher of the scientific group in the University of Santiago de Compostela, partner of the IAP network in Europe: “Statistical Analysis of Association and Dependence in Complex Data” of the Belgian federal programme “Interuniversity Attraction Poles-Phase:**

<http://iap-studys.be/>

■ **Invited Talks**

Invited talks at Spanish Universities (from north to south): Oviedo, Coruña, Santander, Bilbao, Burgos, Pamplona, Barcelona, Gerona, Valladolid, Madrid, Zaragoza, Valencia, Granada, Málaga, Almería, Sevilla y Las Palmas de Gran Canaria. **Invited talks at the Oberwolfach Math. Research Institute**, in 1989, 1995 and 2016. **Invited talks at foreign Universities:** Giessen (Germany), CORE (Belgium), Universities of Montreal and Mac Gill (Canada), Limburg University (Belgium), Berlin (Germany), University of Sao Paulo (Brasil) , University of Buenos Aires (Argentina), London School of Economics (England), Penn State University (USA), Paul Sabatier (Toulouse, France), Institut of Statistics of Louvain la Neuve, Universities of Witwatersrand and Pretoria in South Africa, ITAM in Mexico DF, Mexico. University of Davis in California, USA **Invited talks at meetings:** Conference of the Spanish Statistics Society (Segovia, Spain. 1991), Nato Inst. of Adv. Studies (Spetses, Greece. 1990), Third International Conference on Statistical Data Analysis based on the L1-Norm and related methods (Neuchatel, Switzerland. 1997), 51 Session of the ISI (Istanbul, Turkey. 1997), VII CLAPEM (Córdoba, Argentina. 1998), 15 th International Workshop on Statistical Modelling (Bilbao, Spain. 2000), 1 st workshop on spatio-temporal modelling of environmental processes (Castellon, Spain 2001), XXXIV Journées de Statistique (Brussels-Louvain la Neuve) Belgium 2002, International Conference on Current Advances and Trends in Nonparametric Statistics (Crete-Greece)2002, IX CLAPEM (Punta

del Este, Uruguay, 2004), International conference on Operation Research (La Habana, Cuba, 2003), second workshop on spatio-temporal modelling of environmental processes (Granada, Spain 2005), IWAP 2006, third International workshop on Applied Probability (University of Connecticut, Storrs, USA, 2006), third workshop on spatio-temporal modelling of environmental processes (Pamplona, Spain 2006), 49th Annual Conference of the South African Statistical Association (University of Stellenbosch, South Africa, 2006), Joint Statistical Meeting and International Conference on Statistics, Probability and related areas, Cochin, India, 2007, The Pyrenees International Workshop on Statistics, Probability and Operations Research, Jaca, Spain, 2007, The Barcelona Conference on Asymptotic Statistics 2008, CRM, Barcelona, 2008, fourth workshop on spatio-temporal modelling of environmental processes (Alghero, Italy, 2008), IASC2008, Yokohama, Japan, 2008, 57th Session of the ISI, Durban, South Africa, 2009. XXXII Congreso Nacional de Estadística e I.O (La Coruña, Spain, 2010), The 19th International Conference on Computational Statistics. COMPSTAT2010, XVIII Congreso Anual da Sociedade Portuguesa de Estatística (Sao Pedro do Sul, Portugal, 2010). Graybill 2011 conference in Modern Nonparametric Methods. USA. The Second Taihu International Statistics Forum, Su Zhou, China 2013. 5th Iberian Mathematical Meeting, Aveiro (Portugal), 2014. First Portuguese-Galician Meeting on Ecological and Environmental Statistics (EES2014), Vila Real (Portugal), 2014. 23th Annual Meeting Belgian Statistical Society. Antwerp (Belgium), 2015.

■ Contributed Talks

Contributed Talks at meetings: Granada, Malaga, Alicante, Santiago de Compostela, Segovia, Caceres, Barcelona, Sevilla, Valencia, Almería, Vigo, Jaen, Lérida and Cadiz (Spain, The Spanish Statistical Society), Bilbao (Spain, International meeting in the Basque Country), Salamanca, Murcia (Spain, The Spanish-Portuguese Mathematical Society), Bad Tatzmannsdorf (Austria, Pannonian Symposium), Neuchatel (Switzerland, Conference in honor to Rao), Paris (France, ISI Conference), Barcelona (Spain, European Meeting of Statisticians), Neuchatel (Switzerland, COMPSTAT Conference), Chapell-Hill (USA, IMS-Bernouilly Society Conference), Toronto (Canada, AMS Conference), Aarhus (Denmark, European Meeting of Statisticians), Vienna (Austria, World Congress of the Bernoulli Society), Guanajuato (Méjico, IMS-Bernouilly Society Conference), Madeira (Portugal, European Meeting of Statisticians), Seoul (Republic of Korea, 53 Session of the ISI), Compstat 2002 (Berlin, Germany). Barcelona (Spain, IMS-Bernouilly Society Conference), Compstat 2004 (Prague, Chequia), 3rd World Conference on Computational Statistics & Data Analysis 2005 (Limassol, Cyprus), 69th Annual Meeting of the IMS 2006 (IMPA, Rio de Janeiro, Brasil), Compstat 2006 (Roma, Italy). ISI Conference in Lisbon, 2007, EMS, Toulouse, 2009, 57th Session of the ISI, Durban, South Africa, 2009, 5th International Workshop on Applied Probability. IWAP2010 (Madrid, Spain) and 3rd International Conference of the ERCIM Working Group on Computing & Statistics, 2010 (London). Fourth International Conference of the ERCIM Working Group on Computing & Statistics, 2011 (London), 6th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2013), 2013

(London), 7th and 8th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2014), 2014 (Pisa (Italy)) and 2015 (London).

■ Publications

1. **"Una aplicación de la estimación no paramétrica al modelo lineal general con varianza no homogénea"**. *Trabajos de Estadística y de Investigación Operativa*. Vol 36,2. pp 70-87. 1985.
2. **"Suavización no paramétrica en fiabilidad"** (with A. Fernández Sotelo). *Trabajos de Estadística*. Vol 2. pp 13-36. 1986.
3. **"On efficiency of a new class of linear regression estimates obtained by preliminary nonparametric estimation"** (with P. Faraldo Roca). Chapter of the book: *New perspectives in theoretical and applied statistics*. Wiley. pp 229-242. 1987.
4. **"A class of linear regression parameter estimators constructed by nonparametric estimation"** (with J. Cristóbal Cristóbal and P. Faraldo Roca). *Annals of Statistics*. Vol 15, 2. pp 603-610. 1987.
5. **"Una clase de estimadores para los parámetros de un proceso AR(1) obtenidos a partir de estimaciones no paramétrica previas"** (with J. Vilar Fernández). *Trabajos de Estadística*. Vol 3. 1987.
6. **"A class of nonparametrically constructed parameter estimators in a stationary autoregressive model"** (with J. Vilar Fernández). Chapter of the book: *Mathematical Statistics Probability Theory*. Vol B. Reidel Publishing Company. pp 85-96. 1987.
7. **"Una perspectiva general con nuevos resultados de la aplicación de la estimación no paramétrica en la teoría de la regresión"**. *Invited paper in Estadística Española*. INE. Vol 30, 118. pp 141-203. 1988.
8. **"Asymptotic normality of generalized functional estimators dependent on covariables"**. *Journal of Stat. Planning Inference*. Vol 24. pp 377-390. 1990.
9. **"Nearest neighbour smoothing in linear regression"** (with W. Stute). *Journal of Multivariate Analysis*. Vol 34. pp 61-74. 1990.
10. **"Aplicación de la suavización no paramétrica del tipo k-puntos próximos a modelos de regresión lineal"** (with J. Vilar Fernández). *Trabajos de Estadística*. Vol 5, 1. pp 53-68. 1990.
11. **"Dependence between fusion temperatures and chemical components of a certain type of coal using classical, nonparametric and bootstrap**

- techniques"** (with I. García Jurado, J. Prada Sánchez and M. Fiestras Janeiro). *Journal of Chemometrics*. Vol4, 6, pp 429-440. 1990.
12. **"Inferencia no paramétrica con datos censurados"** (with C. Cadarso Suárez). *Estadística Española*. Vol 33, 127, pp 325-362. 1991.
 13. **"Regression with randomly right-censored data using prior nonparametric curve estimation"** (with C. Cadarso Suárez). Chapter of the book: *Nonparametric functional estimation and related topics*. Nato advanced institute. Kluwer. pp 315-328. 1991.
 14. **"Data-driven smoothing based on convexity properties"** (with A. Cuevas). Chapter of the book: *Nonparametric functional estimation and related topics*. Nato advanced institute. Kluwer (Editor G. Roussas), pp 225-240. 1991.
 15. **"Propiedades asintóticas de los estimadores de mínima distancia con covariables"** (with M. Presedo Quíndimil). *Questiío*. Vol 15, 2, pp139-161.
 16. **"Multivariate Statistical Analysis of Precipitation Chemistry in Northwestern Spain"** (with I. García Jurado, J. Prada Sánchez, M. Fiestras Janeiro, M. Espada and T. Lucas). *Water, Air & Soil Pollution. An International Journal of Environmental Pollution*. Vol 69. pp 37-55. 1993.
 17. **"Bootstrap methods in regression smoothing"** (with R. Cao). *Journal of Nonparametric Statistics*. Vol 2, pp 379-388. 1993.
 18. **"A Comparative Study of Several Smoothing Methods in Density Estimation"** (with R. Cao and A. Cuevas). *Journal Computational Statistics and Data Analysis*. Vol 17. pp 153-176. 1994.
 19. **"Time Series Analysis for ambient concentrations"** (with I. García Jurado, R. Cao, M. Febrero, J. Prada Sánchez and T. Lucas). *Journal Atmospheric Environment*. Vol 27A, 2, pp 153-158. 1993.
 20. **"Bootstrap Based Goodness-of-Fit-Tests"** (with W. Stute and M. Presedo Quíndimil). *Metrika*. Vol 40. pp 243-256. 1993.
 21. **"Contrastes de hipótesis paramétricas usando estimadores no paramétricos en los modelos de regresión"** (with J.Vilar Fernández and L. Ramil Novo). *Invited paper in Cuadernos Aragoneses de Economía*. Vol 2. 1-2. pp 13-40. 1992.
 22. **"Asymptotic properties of a generalized Kaplan-Meier estimator with some applications"** (with C. Cadarso Suárez). *Journal of Nonparametric Statistics*. Vol 4, pp 65-78. 1994.
 23. **"Smooth linear regression using sample-determined bandwidth"**. *Shankya. Serie A*. Vol 57, Part 1, pp 79-87. 1995.
 24. **"Testing hypothesis of general linear model using nonparametric regression estimation"** (with R. Cao). *Test*. Vol 2, 1-2. pp 161-188. 1993.

25. **"Testing linear regression models using non parametric regression estimators when errors are non-independent"** (with J. Vilar Fernández). *Computational Statistics and Data Analysis*. Vol 20, pp 521-541. 1995.
26. **"Un estudio de simulación comparativo de técnicas no paramétricas, semiparamétricas y Box-Jenkins para la predicción con datos dependientes"** (with J. Prada Sánchez, R. Cao, M. Febrero and I. García Jurado). *Estadística Española*. Vol 36, 135. pp 5-20. 1994.
27. **"The Bootstrap - A Review"** (with J. Prada Sánchez and J. Romo). *Computational Statistics*. Vol 9, pp 165-205. 1994.
28. **"Test de Bondad de ajuste del modelo lineal general bajo correlación serial de los errores"** (with J. Vilar Fernández). *Questiio*. Vol 18, 3, pp 337-368. 1995.
29. **"Prediction using Box-Jenkins, nonparametric and bootstrap techniques"** (with I. García Jurado, R. Cao, M. Febrero and J. Prada Sánchez). *Technometrics*. Vol 37, 3, 303-310. 1995.
30. **"Bootstrap selection of the smoothing parameter in nonparametric hazard rate estimation"** (with R. Cao and S. Marron). *JASA*. Vol 91, 435, pp 1130-1140. 1996.
31. **"Accuracy of binned kernel functional approximations"** (with C. Sánchez Sellero and M. Wand). *Computational Stat. and Data Analysis*. Vol 22, pp 1-16. 1996.
32. **"NN goodness of fit test for linear models"** (with W. Stute). *Journal of Stat. Planning Inf.* Vol 53, pp 75-92. 1996.
33. **"Corrections for the effect of delay on the reporting of AIDS cases"** (with C. Sánchez Sellero, E. Vázquez Fernández, X.L. Otero, X. Hervada, E. Fernández and X.A. Taboada). *Statistics in Medicine*. Vol 15, pp 305-321. 1996.
34. **"Bootstrap test of goodness of fit to a linear model when errors are correlated"** (with J. Vilar Fernández). *Communications in Statistics. Theory and Methods*. Vol 25, 12, pp 2925-2953. 1996.
35. **"Testing the hypothesis of generalized linear regression model using nonparametric regression estimation"** (with M.C. Rodríguez Campos and R. Cao). *Journal of Stat Planning Inf.* Vol 67, pp 99-122. 1998.
36. **"Bootstrap approximations in model checks for regression"** (with W. Stute and M. Presedo Quíndimil). *JASA*. Vol 93, 441. 1998.
37. **"Nonparametric curve estimation: an overview"** (with M. Delgado and R. Cao). *Investigaciones Económicas*. Vol 21 (2), pp 209-252. 1997.
38. **"Saving computer time in constructing consistent bootstrap prediction intervals for autoregressive processes"** (with R. Cao, M. Febrero, J. Prada Sánchez and I. García Jurado). *Communications in Statistics. Simulation and Computation*. Vol 26, 3, pp 961-978. 1997.

39. **"Edgeworth expansions for nonparametric distribution estimation with applications"** (with P. H. García Soidán and J. Prada Sánchez). *Journal of Stat Planning Inf. Vol 65, pp 213-231. 1997.*
40. **"Bootstrap selection of the smoothing parameter in density estimation under the Koziol-Green model"** (with J.de Uña Alvarez and C. Cadarso Suárez). *L1-Statistical Procedures and Related Topics. Lecture Notes of IMS. Vol 31, pp 385-398. 1997.*
41. **"Goodness-of-fit Tests for Polynomial Regression"** (with L. Ramil Novo). *Communications in Statistics. Simulation and Computation. Vol 27(1), pp 229-258. 1998.*
42. **"Bandwidth selection in density estimation with truncated and censored data"** (with C. Sánchez Sello and R. Cao). *Annals of the Institute of Statistical Mathematics. Vol 51, 1, pp 51-70. 1999.*
43. **"Strong consistency under proportional censorship when covariables are present"** (with J.de Uña Alvarez). *Stat. Prob. Letters. Vol42, pp 283-292. 1999.*
44. **"Distributional convergence under proportional censorship when covariables are present"** (with J. de Uña Alvarez). *Stat. Prob. Letters. Vol 39, pp 305-315. 1998.*
45. **"Strong representation of a generalized product-limit estimator for truncated and censored data with some applications"** (with C. Iglesias Pérez). *Journal of Nonparametric Statistics. Vol 10, pp 213-244. 1999*
46. **"Goodness-of-fit test for linear models based on local polynomials"** (with J.T. Alcalá and J.A. Cristóbal). *Stat. Prob. Letters. Vol 42, pp 39-46. 1999.*
47. **"Semi-parametric statistical approaches for space-time process prediction"** (with Angulo, J.M., Febrero Bande, M. and Alonso, F.J.) *Environmental and Ecological Statistics. Vol 5. pp 297-316.1998.*
48. **"F tests and regression analysis of variance based on smoothing spline estimators"** (with L. Ramil Novo). *Statistica Sinica. Vol 10, 3, pp 819-837. 2000.*
49. **"Prediction of SO₂ pollution incidents near a power station using partially linear models and an historical matrix of predictor-response vectors"** (with J.M. Prada-Sánchez, M. Febrero-Bande, T. Cotos-Yañez, J.L.Bermúdez-Cela and T. Lucas-Domínguez). *Environmetrics. Vol 11. pp 209-225. 2000.*
50. **"Kernel distribution function estimation under the Koziol-Green model"** (with J. de Uña and C.Cadarso-Suárez). *Journal of Stat. Planning Inference. Vol 87, pp 199-219.2000.*
51. **"Resampling for checking linear regression models via nonparametric regression estimation"** (with J. Vilar Fernández). *Comp. Stat. and Data Analysis. Vol 35, pp 211-231. 2000.*

52. **"Generalized minimum distance estimators of a linear model with correlated errors"** (with J. Vilar Fernández). *Statistical Papers*. Vol 42, pp 352-373. 2001.
53. **"Nonparametric model checks in censored regression"** (with W. Stute and C. Sánchez Sello). *Communications in Statistics. Theory and Methods*. Vol 29 (7), pp 1611-1629. 2000.
54. **"Significance testing in nonparametric regression based on the bootstrap"** (with M. A. Delgado). *Annals of Statistics*. Vol 29 (5), pp 1469-1507. 2001
55. **"Chi-squared goodness-of-fit theory under proportional censorship"** (with J. de Uña and C. Cadarso-Suárez). *Journal of Stat. Planning Inference*. Vol 109, pp 101-124. 2003.
56. **"Semi-parametric statistical approaches for space-time process prediction. Some Applications"** (with M. Febrero Bande, F.J. Alonso and J.M. Angulo). Chapter of the book: *"Spatial Statistics Through Applications"*. pp 127-146. Witpress. 2002.
57. **"A note on variable selection in nonparametric regression with dependent data"** (with A. Quintela del Río. and P. Vieu). *Stat. Prob. Letters*. Vol 57, pp 259-268. 2002.
58. **"Prediction of SO₂ level using neural networks"** (with B.M. Fernández de Castro, J.M. Prada-Sánchez, M. Febrero-Bande, J.L. Bermúdez-Cela and J.J. Hernández-Fernández). *Journal of the air and waste management association*. Vol 53, pp 532-539. 2003.
59. **"Bootstrapping the Chambers-Dunstan estimate of a finite population distribution function"** (with M. J. Lombardía Cortiña and J.M. Prada Sánchez). *Journal of Stat. Planning Inference*. Vol 116, pp 367-388. 2003.
60. **"Bootstrap for the conditional distribution function with truncated and censored data"** (with M.C. Iglesias Pérez). *The Annals of the Institute of Statistical Mathematics*. Vol 55, 2, pp 331-357. 2003.
61. **"Past editors' report"** (with A. Cuevas). *TEST*. Vol - (1), pp 1-4. 2002.
62. **"Flexible spatio-temporal stationary variogram models"** (with R. Fernández-Casal and M. Febrero-Bande). *Statistics and Computing*. Vol 13, pp 127-136. 2003
63. **"Nonparametric estimation of an isotropic variogram"** (with P. García-Soidán and M. Febrero-Bande). *Journal of Stat. Planning Inference*. Vol 121, 1, pp 65-92. 2004
64. **"Testing in partial linear regression models with dependent errors"** (with G. Aneiros-Pérez). *Journal of Nonparametric Statistics*. Vol 15, 1, pp 93-111. 2003.
65. **"Space-time dependency modeling using general classes of flexible stationary variogram models"** (with R. Fernández-Casal and M. Febrero-Bande). *Journal of Geophysical Research*. Vol 108, NO. D24, 6, pp 1-12. 2003

66. **"Local linear regression estimation of the variogram"** (with P. García-Soidán and M. Febrero-Bande). *Stat. Prob. Letters. Vol 64*, pp 169-179. 2003
67. **"Almost sure representations in survival analysis under censoring and truncation. Applications to goodness-of-fit tests"** (with R. Cao Abad and M.C. Iglesias Pérez). *Chapter of the book: "Recent advances and trends in non parametric statistics"* (Editors: M. Akritas and D. Politis). Elsevier Science BV. pp 139-154. 2003.
68. **"Una revisión de la estimación de la función de distribución y métodos de remuestreo bootstrap"** (with M. J. Lombardía Cortiña and J.M. Prada Sánchez). *Estadística Española. Vol 46, 155*, pp 149-175. 2004.
69. **"Nonparametric comparison of curves with dependent errors"** (with J. Vilar Fernández). *Statistics. Vol 38(2)*, pp 81-99. 2004.
70. **"Regularized Kriging: The Support Vectors Method Applied to Kriging"** (with J.M. Matías). *Chapter of the book: Artificial Neural Networks and Neural Information Processing-ICANN/ICONIP. Lecture Notes in Computer Science. 2714* (Editors: O.Kaynak et al). 2003.
71. **"Nonparametric mean estimation with missing data"** (with A. Pérez González). *Communications in Statistics. Theory and Methods. Vol 33, 2*, pp 277-303. 2004.
72. **"Bootstrapping the Dorfman-Hall-Chambers-Dunstan estimator of a finite population distribution function"** (with M. J. Lombardía Cortiña and J.M. Prada Sánchez). *Journal of Nonparametric Statistics. Vol 16 (1-2)*, pp 63-90.2004.
73. **"Estimation and testing in a partial linear regression model under long memory dependence"** (with G. Aneiros-Pérez and P. Vieu). *Bernoulli. Vol 10(1)*, pp 49-78. 2004.
74. **"Comparison of kriging and neural networks with application to the exploitation of a slate mine"** (with J.M. Matías, A. Vaamonde and J. Taboada). *Mathematical Geology. Vol 36, 4*, pp 463-486. 2004.
75. **"The choice of smoothing parameter in nonparametric regression through Wild Bootstrap"**, (with M.D. Martínez Miranda and A. Pérez González). *Comp. Stat. and Data Analysis Vol 47*, pp 487-515. 2004
76. **"Predicting binary time series of SO2 using generalized additive models with unknown link function"** (with J. Roca Pardiñas, M. Febrero Bande, J.M. Prada Sánchez and C. Cadarso Suárez). *Environmetrics, Vol 15*, pp 729-742. 2004.
77. **"Support vector machines and gradient boosting for graphical estimation of a slate deposit"** (with J.M. Matias, A. Vaamonde and J. Taboada). *Stochastic Environmental Research and Risk Assesment, Vol 18*, 309-323. 2004.

78. **"Prediction with additive models. Simulation and application with real data"** (with T.R. Cotos Yañez and J.M. Prada Sánchez). *Commun. in Stat, Simulation and Computation, Vol 33, 3*. 2004.
79. **"Modelling of the monthly and daily behaviour of the runoff of the Xallas river using Box-Jenkins and neural networks methods"** (with M. Castellano Méndez, M. Febrero Bande, J.M. Prada Sánchez and R. Lozano Calderon). *Journal of Hidrology. Vol 296, pp 38-58*. 2004.
80. **"Nonparametric estimation of the odds ratios for continuous exposures using generalized additive models with an unknown link function"** (with C. Cadarso Suárez, J. Roca Pardiñas and A. Figueiras). *Statistics in Medicine, 2005. Vol 24, pp 1169-1184*. 2005.
81. **"Functional samples and bootstrap for prediction SO2 levels"** (with B. Fernández de Castro and S. Guillas). *Technometrics, Vol 47, 2, pp 212-222*, 2005.
82. **"Estimation of a finite population distribution function based on a linear model with unknown heterocedastic errors"** (with M. J. Lombardía Cortiña and J.M. Prada Sánchez). *The Canadian Journal of Statistics, Vol 33, pp 181-200*. 2005.
83. **"Managing heterogeneity in time series prediction"** (with J.M. Matias, J. Taboada and C. Ordoñez). Chapter of the book: International Conference of Computational Methods in Sciences and Engineering, 2004. Lecture Series on Computer and Computational Sciences. Brill Academic Publishers. ISBN 90-6764-418-8
84. **"Artificial neuronal networks as a useful tool to predict the risk level of Betula pollen in the air"** (with Castellano-Méndez, M., Aira, M.J., Iglesias, I. and Jato, V.). *International Journal of Biometeorology, Vol 49, pp 310-316*. 2005.
85. **"Uniform representation of product limit integral with applications"** (with Sánchez-Sellero, C. and Van Keilegom, I.). *Scandinavian Journal of Statistics, Vol 32, pp 563-581*. 2005.
86. **"Testing for interactions in generalized additive models: Application to S02 pollution data"** (with Roca-Pardiñas, J. and Cadarso-Suárez, C.). *Statistics and Computing. Vol 15, pp 289-299*. 2005.
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■ Summary of CV

Wenceslao González Manteiga is the chair of a big school in **Nonparametric Inference** in Galicia in Spain. Starting alone in this field in his University in the year 1980, since then he was the advisor of 30 students in 33 years, since 1982 until 2015. Many of them are now good researchers and leaders in the field of nonparametric curve estimation with applications in different topics as Environmental Sciences, Finance and Health. He was co-author of many papers with different people in Spain and in the rest of the world. He is now one of the main researchers in Statistics in Spain, making the labour of coordinator of important networks in Mathematics. Also, in the last years he was working as editor and AE in different international journals and was the organizer of many workshops or international conferences. In general along of the last years he was a well-established leader in Statistics in Spain with an international projection, making of the Statistics a very useful tool in the applications in the Environmental Science and in the Biostatistics. In the last years he was the leader of many research projects with the industry.