

CURRICULUM VITAE (Summary)

Personal

Name: FRANCISCO MONTES SUAY

Date and place of birth: 04 June 1949, Xirivella (València), Spain.

Nationality: Spanish.

Languages: Spanish, Catalan & French (fluent), English & Italian (good).

Employment

Full Professor of Probability and Statistics, Department of Statistics and O. R., Universitat de València (Spain).

Lecture courses in last academic years

- 2005-2009: Universitat de València: *Introduction to Probability*, (2nd year Mathematics degree course)
- 2005-2009: Universitat de València: *Introduction to Statistics*, (1st year Journalisme diploma course)
- 2007-2009: Universitat de València: *Stochastic Processes for Engineering. Theory and Applications*, (Master in Advanced Sciences of Modern Telecommunications)
- 2009-2012: Universitat de València: *Introduction to Statistics*, (1st year Dietetic and Human Nutrition degree course)
- 2011-2013: Universitat de València: *Statistics for journalists*, (3rd year Journalisme degree course)
- 2010-2016: Universitat de València: *Introduction to Statistics*, (1st year Mathematics degree course)
- 2012-2016: Universitat de València: *Probability*, (3rd year Mathematics degree course)
- 2010-2016: Universitat de València: *Forensic Statistics*, (Master in Criminology and Security)

Research interests

Spatio-temporal statistics methods, Spatial epidemiology, Graduation of mortality tables, Forensic statistics.

Recent publications

- Mateu, J., Montes, F. and E. Porcu. Spatio-temporal stochastic modelling: environmental and health processes. *Environmetrics*, **21**, 221-223 (2010).
- Martínez-Ruiz, F., Mateu, J., Montes, F. and Porcu, E.. Mortality risk assessment through stationary space-time covariance functions. *SERRA*, **24**, 519-526 (2010).

- Debón, A., Martínez-Ruiz, F. and Montes, F. (2010). A Geostatistical Approach for Dynamic Life Tables: the effect of mortality on remaining lifetime and annuities. *IME*, **47**, 327-336 (2010).
- P.Moraga and F. Montes (2011). Detection of spatial disease clusters with LISA functions. *Statistics in Medicine*, **30** (10), 1057-1071 (2011).
- Debón, A., Martínez-Ruiz, F., y Montes, F.. Statistical methods to compare mortality for a group with non-divergent populations. An application to Spanish regions. *European Actuarial Journal*. **1** (2), 291-308 (2011).
- A. Debón, F. Martínez-Ruiz and F. Montes. Temporal evolution of some mortality indicators: application to Spanish data. *North American Actuarial Journal*, **16** (3), 364-377 (2012).
- F. Montes and R. Sala. Equilibrio competitivo en la Liga española de futbol de Primera División: Un test de Montecarlo basado en datos funcionales. *Estudios de Economía Aplicada*, **30** (2), 513-526 (2012).
- A. Debón, F. Montes and R. Sala. Pricing reverse mortgages in Spain. *European Actuarial Journal*, **3** (1), 23-43 (2013).
DOI 10.1007/s13385-013-0071-y
- M. Arcos, J. M. Palanca, F. Montes and C. Barrios. Antioxidants and Gabapentin Prevent Heat Hypersensitivity in a Neuropathic Pain Model. *Journal of Investigative Surgery*, **26** (3), 109–117 (2013.)
DOI doi:10.3109/08941939.2012.713444
- F. Montes, R. Sala and A. Usai. The lack of balance in the Spanish First Division football league. *European Sport Management Quarterly*, **14** (3), 282-298, (2014).
- D. Conesa and F. Montes, Eds. Les xifres de la Ciència. L'estadística com a eina científica. *Mètode*, **83**, 48-97, (2014).
- A. Iftimi, F. Montes and F. Martínez-Ruiz. Spatio-temporal epidemiology of varicella zoster virus in Valencia, Spain, 2008-2012. *Geospatial Health*, **10** (1), 54-62, (2015).
- A. Iftimi, F. Montes, A. Míguez-Santiyán and F. Martínez-Ruiz. Space-time airborne disease mapping applied to detect specific behaviour of varicella in Valencia, Spain. *Spatial and Spatio-Temporal Epidemiology*, **14-15**, 33-44, (2015).
- A. Debón, F. Martínez-Ruiz, F. Montes and M. Moshuk. Proyección de los indicadores de mortalidad para España. *Estadística Española*, **57**, núm. 188, 291-321, (2015).
- E. Navarro, C. Gómez-Perretta and F. Montes. Low intensity magnetic field influences short term memory: A study in a group of healthy students. *Bioelectromagnetics*, **37**, 37-48, (2016).
- A. Iftimi, A. Míguez-Santiyán, F. Montes. Temporal association between the influenza virus and respiratory syncytial virus: RSV as a predictor of seasonal influenza. *Epidemiology and Infection*, DOI: 10.1017/S095026881600090X.
- A. Iftimi, F. Montes, J. Mateu and C. Ayyad. Measuring spatial inhomogeneity at different spatial scales using hybrids of Gibbs point process models. *Stochastic Environmental Research and Risk Assessment (SERRA)*, DOI: 10.1007/s00477-016-1264-0.

Recent Research Grants

- 2009-2010, 12.200 € from Dirección General de Investigación del Ministerio de Ciencia e Innovación, for *Métodos estadísticos para los seguros de vida. Aplicación a la hipoteca inversa (MTM2008-05152)*
- 2011-2013, 79.500 € from Dirección General de Investigación del Ministerio de Ciencia e Innovación, for *Problemas notables en procesos estocásticos espacio-temporales (MTM2010-14961)*
- 2014-2016, 42.875 € from Subdirección General de Proyectos de Investigación MINECO, for *Nuevas familias de procesos puntuales espacio-temporales con intensidades procedentes de campos aleatorios (MTM2013-43917-P)*
- 2014-2016, 18.150 € from Subdirección General de Proyectos de Investigación MINECO, for *Diferencias de longevidad en la Unión Europea: Aplicación de nuevos métodos para su evaluación y análisis (MTM2013-45381-P)*

Recent invited lectures

- International Workshop on Spatio-Temporal Modelling (METMA4), Alghero (Italy), 2008
- Università degli Studi di Sassari. Facoltà di Economia. *I modelli spatio-temporali: gli strumenti di indagine per il mercato.* 2011
- Living to 100 Symposium IV, Orlando (EE.UU.), 2011. *Temporal evolution of some mortality indicators. Application to Spanish data*

Conference organization

- Organizer of the 6th International Workshop on Stereology and Stochastic Geometry, València (Spain) 1993.
- Co-organizer of the Workshop on Spatio-Temporal Modelling of Environmental Processes, Benicàssim (España) 2001.
- Co-organizer of the International Workshop on Spatio-Temporal Modelling (METMA4), Alghero (Italy), 2008.
- Co-organizer of the Workshop Spatio-Temporal Statistics (Satellite of XXVIIth International Biometric Conference, Firenze, Italy), Valencia (Spain), 2014.
- Co-organizer of the 8th International Workshop on Spatio-Temporal Modelling. METMA VIII, Valencia (Spain), 2016

Postgraduate supervision

- Guillermo Ayala, MSc and PhD, Statistics and Probability, Universitat de València, 1988
- Mario Plaza, PhD, Statistics and Probability, Universitat de València, 1987-91
- Jorge Mateu, MSc and PhD, Statistics and Probability, Universitat de València, 1994-98
- Ana Debón, MSc and PhD, Statistics and Probability, Universitat de València, 2000-03
- Francisco Martínez-Ruiz, MSc and PhD, Statistics and Probability, Universitat de València, 2004-09

- Paula Moraga, MSc and PhD, Statistics and Probability, Universitat de València, 2008-2012
- Adina Iftimi, MSc, Statistics and Probability, Universitat de València, 2013-
- Lia Seguí. MSc, Forensic Statistics, Universitat de València, 2016-

Editorial positions

Referee for Applied Probability journals, Biometrika, Journal of Microscopy, Journal of Pattern Recognition, Scandinavian Journal of Statistics, Test (Trabajos de Estadística), SERRA. LIDA, IME.

Professional societies

Currently member of: Sociedad Española de Estadística e Investigación Operativa, Bernoulli Society.

University positions

- Head of Department of Statistics and O. R. of the Universitat de València (1987-90)
- Vice-dean of the Faculty of Mathematics of the Universitat de València (1990-91)
- Dean of the Faculty of Mathematics of the Universitat de València (1993-94)
- Vice-rector of the Universitat de València (1994-97)