



MARÍA DOLORES (Lola) UGARTE

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María Dolores (Lola) Ugarte is currently a full Professor of Statistics at the Department of Statistics, Computer Science and Mathematics (Public University of Navarre, Pamplona, Spain). Her main research lines are spatial and spatio-temporal statistics and small area estimation. Her research group has made pioneering contributions in *disease mapping* by developing new spatio-temporal models.

Publications, conferences, projects, contracts

The total number of publications including papers, comments, and reviews is large, with more than 100 papers published in international JCR journals. She has also published or edited 13 books. She is for example, one of the coauthors of “Probability and Statistics with R” (Second edition, 2016, CRC/Chapman & Hall) and one of the editors (with Lawson, A., Banerjee, S. and Haining, R.) of the “Handbook of Spatial Epidemiology” (2016, CRC Press). She has participated in 28 competitive research projects (15 of them as Principal Investigator –PI-) and 40 contracts with companies, universities or statistical institutes (all of them as PI or co-PI). Some of the small area methodology developed by her group has been implemented in the Basque Country Statistical Institute. The number of conferences that she attended as invited speaker or member of the scientific committee is high (more than ninety). She has also delivered seminars by invitation in several universities like University of British Columbia, Simon Fraser University, Texas A&M, Kaust University, Trier University, Lisbon University, AgroParisTech, Paris-Nanterre University, Masaryk University, UNAM, Universidad de La Habana, Universidad de Oriente, etc. She was a keynote speaker in the XLI Argentinian conference and in 2021 she delivered the prestigious [Santaló Conference](#).

Editorial Experience

Dr. Ugarte has been editor in chief of the journal *TEST*. She has also been guest editor for several journals as *Computational Statistics and Data Analysis (CSDA)*, *Environmetrics*, and *Statistical Methods in Medical Research*. She has been Associate Editor (AE) of the *Journal of the Royal Statistical Society Series A* and *CSDA*. Currently is also AE of *Statistical Modelling*, *REVSTATS*, and the *Spanish Journal of Statistics*. She is a member of the editorial board of *Spatial and Spatio-*

Temporal Epidemiology and a member of the scientific committee of the *Colombian Journal of Statistics, Investigación Operacional* (Cuba) and *Saberes* (Argentina).

Administrative experience

She has been the Chair of the Statistics Department at the Public University of Navarre (2007-2012) and Vice-president of the Spanish Statistical Society (2010-2013). She is the coordinator of the Inter-university Doctoral Programme in Mathematics and Statistics at the Public University of Navarre since 2013. She is currently the representative of the UPNA in the Statistical Board of the Navarra Government and a member of FENStatS Executive Committee (acting as Treasurer) since 2017. She has participated as member of the jury of several prestigious mathematical prizes given by the BBVA Bank. From January 2017 until 30 June 2018 she was appointed Deputy to the Manager of the Division of Coordination, Evaluation and Technical Scientific Monitoring of the Spanish Research Agency in the MTM (Mathematics) area. From 1 July 2018 to 31 August 2021 she has been the Coordinator of this area. In 2022, she has been appointed President of the Mathematics and Physics Commission for the evaluation of Spanish research.

Prizes

In 2021 she received the prestigious [SEIO-BBVA prize](#) for the best applied contribution in Statistics given by an international jury for a co-authored paper studying crimes against women in India published in the [Journal of the Royal Society of Statistics. Series A \(Statistics in Society\)](#).

Google scholar papers and citations:

https://scholar.google.es/citations?view_op=list_works&hl=es&user=kl-5NbMAAAAJ