

Report of the First IASC-LARS Webinar on Computational Statistics and Data Science



IASC- LARS SCHOOL ON COMPUTATIONAL STATISTICS AND DATA SCIENCE

The Latin American Regional Section of the IASC, the IASC-LARS School on Computational Statistics and Data Science, the IASC and the ISI held a first and successful IASC-LARS Webinar on Computational Statistics and Data Science. The webinar course “Statistical Inference in Markov Processes” was team-taught by Professors Verónica González-López and Jesús E. García from University of Campinas, Brazil, from November 23-26, 2020. Thank you very much Verónica, Jesús, and collaborators Márcio Lanfredi-Viola and Mariela Fernández, for a remarkable course, highly informative, and with many useful concepts and interesting applications.

This is the first webinar given by the Latin American Regional Section of the IASC. The course was attended by 71 students, 50 of whom attended 2 or more days. Participants came from 24 countries¹, from Latin America –Argentina, Brazil, Chile, and Uruguay—and also from countries as far as away as Algeria, Austria, Bangladesh, Benin, Ethiopia, Germany, Ghana, Iceland, India, Indonesia, Italy, Kenya, Malaysia, Mali, Nigeria, Pakistan, Philippines, South Africa, Sri Lanka, and USA. This is the wonderful magic of communications these days. Most of the students were undergraduate, master and PhD students (64%), also attending academics and researchers (26%), and professionals coming from government institutions and private industry. Although we consider that is a small number, 29% of the students were female, we hope to increase this number in the future.

¹ Data corresponds to 57 registration forms.



From Left to right. First row: Juergen Symanzik, Verónica Gonzalez-Lopez, Katie Junasova, Luis Firinguetti. Second row: Alba Martínez-Ruiz, Jesús García, Márcio Lanfredi, and David Muñoz.

This is a contribution of Latin American Scientific Community to other countries and communities. The International Organizing Committee, Luis Firinguetti-Limone IASC Webinar Coordinator & Webinar Host (Chile), David Muñoz-Negron IASC-LARS Chairperson (Mexico), Alba Martínez-Ruiz IASC-LARS Scientific Secretary (Chile) are very grateful for the support given by Katie Junasova, ISI Junior Webmaster and GoToWebinar master, the International Association for Statistical Computing, the International Statistical Institute, the World Bank and the Statistical Capacity Building Program. The webinar is available at <https://www.isi-web.org/webinars>.

The IASC-LARS School aims (1) to spread the knowledge base and advances in Statistical Computing in Latin America and the world, (2) to provide an overview of the state-of-the-art of the ongoing research in computational statistics, (3) to provide an overall perspective of the application of computational statistics in data science problems, (4) to present applications where computational statistics have been crucial to solve problems in real-life applications, and (5) to increase the number of researchers and practitioners in computational statistics and data science.