

FOURTEENTH VOLUME – SECOND ISSUE
EDITORIAL ARTICLE

Chilean Journal of Statistics: Introducing a new issue and new editors

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Welcome to the second issue of the fourteenth volume of the Chilean Journal of Statistics (ChJS), published on 31 December 2023. As the ChJS proudly celebrates 39 years of existence, it reflects on its enduring journey through challenging periods marked by global conflicts and various other aspects. During this period, statistical scientific research has played a crucial role in providing essential insights for decision-making across diverse phenomena and global events that impact us all. For instance, in addressing climate change, statistical findings have empowered governments to enact regulations curbing its effects.

The scientific and editorial accomplishments of this volume would not have been possible without the invaluable contributions of many individuals. Esteemed international researchers from all corners of the globe have graciously shared their compelling works in our journal, and we extend our sincere gratitude for their contributions. Additionally, we express our heartfelt appreciation to the anonymous reviewers who have diligently upheld the high-quality standards of the ChJS.

The present issue of the ChJS also witnesses the growth of our editorial board, with the welcomed addition of Dr. Diego I. Gallardo from Chile as Executive Editor. We are also pleased to welcome Dr. Inmaculada Barranco-Chamorro from Spain, Dr. Cecilia Castro from Portugal, and Dr. Soledad Estrella from Chile to our editorial team. With their enthusiasm and talent, we anticipate significant enhancements to our journal, and of course, we continue in our commitment to gender equality, equity, parity, increasing the female presence on our prestigious editorial board. Their acceptance to join the ChJS is truly an honor.

Furthermore, we extend our sincere thanks to our esteemed editorial board, comprised of colleagues from all continents (listed at <https://soche.cl/chjs/board.html>), who have contributed from diverse perspectives to enhance the visibility and quality of the articles published by the ChJS. Our gratitude is also due to the President and Board of Directors of the Chilean Statistics Society (listed at <https://soche.cl/quienes-somos/>) and the entire Chilean statistical community for entrusting us, the Editors of the ChJS, with their confidence in our work.

The second issue of the fourteenth volume of the ChJS comprises four articles as follows:

- (i) The first article is authored by Atanu Biswas, Rahul Bhattacharya, and Taranga Mukherjee from India, which discussed an alternative procedure for testing the equality of treatment effects under circular responses.
- (ii) In the second article, Gauss Cordeiro, Elisângela Biazatti, Maria do Carmo de Lima, and Luis de Santana, from Brazil, introduced a new exponentiated-Weibull family of distributions, studying its properties, inference, and numerical applications.

- (iii) In the third article, a new distribution for data in the unit interval was proposed by Sahana Bhattacharjee and Subrata Chakraborty from India.
- (iv) The fourth article is authored by Tabassum Naz Sindhu, Anum Shafiq, Josmar Mazucheli, Gamze Ozel, and Bruna Alves, from Brazil, China, the Czech Republic, Pakistan, and Turkey, who derived additional properties for the unit-Gompertz distribution.

As the Chilean Statistics Society, we are proud to continue providing, through the ChJS, an open-access forum, publishing high-quality works free of any article processing charges (APC). In addition, we are indexed in the Elsevier Scopus and Clarivate ISI WoS systems. We are very motivated because, at the end of 2023, we received 72 submissions from different countries.

Finally, we would like the international statistical and data-science communities, our editorial board, and our collaborators to champion the ChJS as a long-lived, international, free-of-charge, and open-access forum, with fair and high-quality reviews. We encourage the international scientific community to submit their works to the ChJS.

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