

Editorial

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Dear readers,

Welcome to the first issue of volume 45th of the Revista Colombiana de Estadística (RCE). The editorial team thanks all the authors for choosing the RCE to disseminate their research. We also thank the referees for their rigorous and detailed work. They did a great job evaluating and boosting the articles. I express special recognition to the members of the committees for their valuable support and our assistant Patricia Chavez for her dedication and commitment to the journal's various administrative and editing activities.

I apologize to some authors because, in some cases, the review has taken longer than expected (Table 1). The difficulties arising from the pandemic have delayed the review processes. We have tried to ensure that these are carried out in the shortest possible time, maintaining scientific standards. The review duration depends on several factors: The number of rounds, the time taken by authors to revise and resubmit the manuscript, and the difficulty of the revisions required. In mathematics, the total review time for accepted articles is on average 154 days (22 weeks) (see Huisman & Smits 2017). In this issue, the total time fluctuated between 91 and 216 days (13 and 31 weeks), and the average was 177 days (25 weeks) (Table 1) which is slightly above the average in the field. It is our purpose to reduce these times in the next issues.

This issue includes 11 articles (six in the theoretical section and five in the applied section) covering a variety of subjects in different topics of statistics. All articles show theoretical and methodological advances combined with simulated or real data analysis. Time series, Bayesian analysis, new probability distributions, quality control, finite population mixed models, generalized order statistics, causal mediation, multivariate distributions, and stochastic comparison of tests are covered. We have in this issue authors and reviewers from Brazil, China, Colombia, Egypt, Iran, Jordan, Mexico, Nigeria, South Africa, and the United States (Table 1). In this way, the objectives proposed by the RCE are fulfilled, that is,

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to have an international character and to cover research and application topics in a broad spectrum of statistics.

TABLE 1: Summary of the review process.

Article	First author's country	First reviewer's country	Total review time weeks
1	Colombia	Brazil	14
2	Brazil	United States	27
3	United States	Iran	28
4	Colombia	United States	29
5	Brazil	Iran	30
6	Brazil	China	31
7	Egypt	China	26
8	Colombia	Brazil	29
9	Nigeria	South Africa	21
10	Mexico	United States	30
11	Jordan	China	13
			Mean = 25.3
			SD = 6.4

SD: Standard deviation.

We are continually improving our website to facilitate the reception of manuscripts and communication with the authors. Submission and reviewing processes are carried out entirely through our website. This has allowed us to improve the efficiency of the revision and publication procedures.

The Journal is contained in many bibliographic databases worldwide, and it is indexed, among others, in Scimago Journal and Country Rank (rank Q3) and Publindex (B category). These ranks show that Revista Colombiana de Estadística is close to other well-established international statistical journals. We hope you enjoy this issue and invite you to continue reading and submitting your research to the Journal.

I take advantage of this space to highlight the academic activity in statistics in the region. The previous year, the International Statistics Symposium organized by the Department of Statistics of the National University of Colombia reached its 30th version. The event was held virtually from September 21st to 24th. The topic was big data and data analytics (<http://simposioestadistica.unal.edu.co/>). Two other congresses on statistics held in Colombia were the colloquium of statistics organized by the School of Statistics of the National University of Colombia, Medellín campus (<https://ciencias.medellin.unal.edu.co/eventos>) and the workshop on statistical methods organized by the Colombian Statistical Society (<http://eventos.sce.org.co/>). In South America, two relevant events were the XIV CLATSE organized by the Uruguayan Statistical Society (<https://sue.org.uy/clatse-2021/>) and the X international seminar on applied statistics (Ecuadorian Statistical Society, <https://congreso.see-ec.org/>).

Kind regards

References

- Huisman, J. & Smits, J. (2017), 'Duration and quality of the peer review process: the author's perspective', *Scientometrics* **113**(1), 633–650.