Brazilian Journal of Experimental Design, Data Analysis and Inferential Statistics

Preface

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Dear Readers,

Life imposes unexpected challenges. For example, who could assume that we would face a Pandemic, even living under all the technological advances we enjoy? In contrast, hard times always bring new opportunities. Nothing better than the history of this newborn Journal to illustrate it! This history begins in 2019, when Sérgio Thode, Marcelo Barcellos, and I ran our first meeting on offering a mini-course focused on statistics for high school students. Soon after, Emanuele Nunes joined the group. A short time later, we realized we were planning a Conference. After a few discussions, we agreed that this would be our initial idea natural path, and we have started gathering support from the Brazilian researchers involved in this subject. Our happiness was immense when we realized a gap in this field, as the dissemination of this knowledge is dreamed for many research groups! Thus, the 1st Brazilian Conference on Design of Experiments and Data Analysis (ConBraPA-2020) was born. ConBraPA was entirely virtual. Thus, ConBraPA could apply symbolic registration fees, allowing the registration of hundreds of participants. Then, ConBraPA attendants were encouraged to send complete papers, which would compose a book dedicated to the Event.

The number of received papers was a very encouraging return from our community! This feedback motivated us to further our initial goals by proposing a new Journal, the Brazilian Journal of Experimental Design, Data Analysis, and Inferential Statistics (BJEDIS)! BJEDIS came full of ConBraPA's DNA, including being a genuinely inclusive and open-access media for scientific dissemination, symbolically financed by our Authors. Therefore, BJEDIS aims to publish scientific works in Sciences, Engineering, and Humanities, freely providing the e-version of the peer-reviewed and accepted scientific papers in any of the subjects mentioned above.

From the forty-four completed works received, our editorial team was pleased to select eleven papers to compose the present first issue of BJEDIS' Volume 1! BJEDIS' eleven received contributions deal with several subjects, such as Text mining, Neural Network Training, Python for the Randomization of Laboratory Experiments, Experimental Design to Processes Improvement, Chemical processes inside reactors, as well as new materials applicable to Civil Engineering, Drug Delivery, and Environmental Recovery!

We hope you all enjoy this issue and support BJEDIS by sending us your invaluable contributions!

Thanking you all,

Fernando Gomes
BJEDIS Editor-in-chief

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