

## Call for Papers

# SPECIAL ISSUE on Advanced Methods in Data Analysis

### GUEST EDITOR

**Christophe Chesneau**, University of Caen, France

### DESCRIPTION

This thematic special issue in [Open Statistics](#) is devoted to the advanced methods in data analysis.

In recent years, many new techniques have been developed in the literature, revisiting traditional approaches thanks to technological advancements. Regression, machine learning, nonparametric estimation, statistical algorithms, Bayes methods, and sampling techniques are all examples. The goal of this special issue is to compile a collection of original articles that apply these techniques to current data in a variety of fields (biology, medicine, agriculture, engineering, hydrology, finance, and so on). The importance of the analysis' discussion, interpretations and consequence for the future generation will be crucial.

Contributions to the Special Issue may address (but are not limited) to the following aspects:

- Contemporary data analysis
- Nonparametric estimation
- Statistical algorithm
- Machine learning
- Sampling
- Artificial intelligence
- Data mining
- Clustering

Authors are requested to submit their full revised papers complying the general scope of the journal. The submitted papers will undergo the standard peer-review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

### HOW TO SUBMIT

Before submission authors should carefully read the [Instruction for Authors](#).

Manuscripts can be written in TeX, LaTeX (strongly recommended) - the journal's [LATEX template](#). Please note that we do not accept papers in Plain TEX format. Text files can be also submitted as standard DOCUMENT (.DOC) which is acceptable if the submission in LATEX is not possible. **For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file.**

All submissions to the Special Issue must be made electronically via online submission system [Editorial Manager](#):

All manuscripts will undergo the standard peer-review process (single blind, at least two independent reviewers). **When entering your submission via online submission system please choose the option "Special Issue on Advanced Methods in Data Analysis".**

Submission of a manuscript implies that the work described has not been published before and it is not under consideration for publication anywhere else.

**The deadline for submissions is December 15, 2022**, but individual papers will be reviewed and published online on an ongoing basis.

Contributors to the Special Issue will benefit from:

- critical peer-review
- no space constraints
- quick online publication upon completing the publishing process (**continuous publication model**)
- better visibility due to **Open Access** – free, unrestricted and permanent access to all the content
- **liberal policies on copyrights** (authors retain copyrights) and on self-archiving (no embargo periods)
- promotion of published papers to readers and citers
- **long-term preservation** – content archiving with Portico

We are looking forward to your submission!

In case of any questions please contact [Editorial Office \(openstatistics@degruyter.com\)](mailto:openstatistics@degruyter.com).