



# The International Journal of Biostatistics

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## Scope and general policies of the journal

### Scope

The *International Journal of Biostatistics (IJB)* seeks to publish new biostatistical models and methods, new statistical theory, as well as original applications of statistical methods, for important practical problems arising from the biological, medical, public health, and agricultural sciences with an emphasis on semiparametric methods. Given many alternatives to publish exist within biostatistics, *IJB* offers a place to publish for research in biostatistics focusing on modern methods, often based on machine-learning and other data-adaptive methodologies, as well as providing a unique reading experience that compels the author to be explicit about the statistical inference problem addressed by the paper. *IJB* is intended that the journal cover the entire range of biostatistics, from theoretical advances to relevant and sensible translations of a practical problem into a statistical framework. Electronic publication also allows for data and software code to be appended, and opens the door for reproducible research allowing readers to easily replicate analyses described in a paper. Both original research and review articles will be warmly received, as will articles applying sound statistical methods to practical problems.

Topics:

- Biostatistical methods and models
- Statistical theory
- Machine learning
- Biostatistics computing and applications of statistical methods for important practical problems in the biological, medical, public health, and agricultural sciences

The targeted audience represents biostatisticians, data scientists, and statisticians with an interest in nonparametric function estimation, machine learning and causal inference methods, with an emphasis on formal statistical inference.

*IJB* is English-language, hybrid journal, published twice a year.

### Article (manuscript) categories

- Original research and development articles
- Research and special events reports
- Review
- Short communications
- Commentaries
- Book reviews
- Editorials
- Author response

## Peer review, turnaround times and preprint policies

### Peer review information

*IJB* is a single-blind journal. Manuscripts are reviewed anonymously by at least two independent reviewers selected by the Editors. The authors must provide the names, institution, country and e-mail addresses of up to four potential reviewers. Reviewers indicated by the authors must be of institutions and countries different from the corresponding author/those of any of the authors. Authors may also provide names of reviewers they wish to exclude from reviewing their manuscripts.

The editors reserve the right to reject submitted manuscripts without peer review if the studies are not novel or important enough to merit publication in the journal. Manuscripts deemed unsuitable (insufficient originality or limited interest to the target audience) will be also rejected without review.

### Turnaround time

*IJB* aspires to inform authors of the peer review decision within 6 weeks from submission date. Revised manuscripts should be returned within 6 months. Accepted articles will be published online within 2–4 weeks of acceptance.

### Issue based publication

Articles are first published online as DOI citable articles and are later assigned to an issue with final page numbers.

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Manuscripts dealing with subjects that have been well studied in the literature, and that do not resolve questions raised by previous studies, or manuscripts that are statistically underpowered, are likely to be rejected without peer review.

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