

## **Aims and Scope**

*Mathematical Population Studies* publishes carefully selected research papers in the mathematical and statistical study of human populations, biological populations, and population genetics. The journal is strongly interdisciplinary and invites contributions by mathematicians, demographers, (bio)statisticians, population geneticists, sociologists, economists, epidemiologists, geographers, and actuaries. The scope covers theoretical and empirical work. The journal serves as a forum for the exchange of views between researchers in academia, international organizations, research institutes, and statistical offices throughout the world. Short notes, letters, and reviews of software are welcome.

## **Submission of Manuscripts**

Manuscripts should be sent electronically to the Editor-in-chief or Associate Editors, who, after an initial screening, will have them reviewed. The Editor-in-chief has final say on the suitability for publication. The manuscript should be prepared using MS Word, WordPerfect, or LaTeX and should be clearly labeled with the authors' names, file name, and software program. If the manuscript is supplied in LaTeX format, please also include a PDF version of the file. All parts of the manuscript should be typewritten, double-spaced, with margins of at least one inch on all sides. Number manuscript pages consecutively throughout the paper. Each manuscript must be accompanied by a statement that it has not been published elsewhere and that it has not been submitted simultaneously for publication elsewhere. Authors are responsible for obtaining permission to reproduce copyrighted material from other sources and are required to sign an agreement for the transfer of copyright to the publisher. All accepted manuscripts, artwork, and photographs become the property of the publisher.

For anonymity in the review process, names, affiliations, and mailing addresses should appear on a separate title page. Please indicate which author is the corresponding author. Authors should also supply a shortened version of the title suitable for the running head, not exceeding 35 character spaces. Each article should be summarized in an abstract of no more than 150 words. Include a list of six key words to be used for database word searches.

## **Illustrations**

Illustrations submitted (line drawings, half-tones, photos, photomicrographs, etc.) should be clean originals or digital files. Digital files are recommended for highest quality reproduction and should follow these guidelines: 300 dpi or higher; sized to fit on journal page; EPS, TIFF, or PSD format only; submitted as separate files, not embedded in text files.

Color illustrations will be considered for publication; however, the author will be required to bear the full cost involved in their printing and publication. The charge for the first page with color is \$900.00. The next three pages with color are \$450.00 each. A custom quote will be provided for color art totalling more than 4 journal pages. Good-quality color prints or files should be provided in their final size. The publisher has the right to refuse publication of color prints deemed unacceptable.

## **Tables and Figures**

Tables and figures should not be embedded in the text, but should be included as separate

sheets or files. A short descriptive title should appear above each table with a clear legend and any footnotes suitably identified below. All units must be included. Figures should be completely labelled, taking into account necessary size reduction. Captions should be typed, double-spaced, on a separate page. All original figures submitted electronically should be clearly identified by their names and author's name, such as "Fig1\_author's name.pdf," for example. Tables should have no vertical lines, only horizontal lines. Figures labels must be explicit; authors should avoid bare symbols. Figures must be self-contained, with sufficiently large fonts, *horizontal* labels on all axes, no frame. Figures that are to be published in black and white should be submitted in black and white. Figures that are to be published in color should be submitted in color. Please choose the right scale for axes, so that the diagram is seen at its best. Figures must be submitted in .eps or .pdf format.

## **Abstracts**

Abstracts should be written in an impersonal style. Authors are to avoid writing in the first person: for example, "We discussed some approaches". In the abstract, the question and the results must be clearly identified. Avoid general sentences. Authors must provide key words, and, for economic papers, they must provide Journal of Economic Literature references.

## **Footnotes**

Footnotes should be used rarely, if at all, and only to present information that the reader needs to know and that cannot be incorporated in the main text. Don't use endnotes.

## **Mathematical Expressions**

Mathematical expressions should be typewritten, with any unusual or ambiguous symbols identified in the margins where they first occur. To simplify typesetting, please use the "exp" form of complex exponential functions and use fractional exponents instead of root signs. Equations must be displayed exactly as they should appear in print. All equations must be numbered, even in appendix. Equations numbered as "n" are referenced in the text by "Eq. (n)," even if they are several equations. A mathematical result due to previous scholarly research must be declared as such.

Essential headings include: "Introduction", "Conclusion", and "References", and any other heading deemed necessary to reflect the important subsections or divisions. The last section must be entitled "Conclusion", not "Discussion", not "Conclusive remarks", not "Conclusions".

## **References**

References within the text. Cite references in the text by the "author-date" method of citation, the last name and the year of publication. Examples: Smith (1980) discusses....  
....(Smith and Jones, 1981; Gonzalez and Durand, 2003) that "References" lists:

Aubin, J.-P., Bonneuil, N., and Maurin, F. (2000). Nonlinear Structured Population Dynamics with Co-Variates. *Mathematical Population Studies*, 9(1): 1-31.

[Beware that the issue number is in italics]

Draper, N. R. and Smith, H. (1981). *Applied Regression Analysis* (2nd Edition). New York: John Wiley.

Kahneman, D. (1996). New challenges to the rationality assumption, in *The Rational Foundations of Economic Behaviour*, K. J. Arrow, E. Colombatto, M. Perlman, C. Schmidt (eds). Basingstoke-New York: Macmillan and St. Martin's Press, 203-219.

All citations must be referenced and all references must be cited. The bibliography is in alphabetical order, with no numbering.

### **Spelling**

Spelling is to be American English. Authors are to follow the Instructions for authors scrupulously. The journal uses the following as standard sources: Merriam-Webster's Collegiate Dictionary, 11th Ed. (Merriam-Webster).

### **Gender**

Authors should use the nouns "man" and "woman" rather than adjectives "male" and "female".

### **Latinisms**

Latinisms should not be used. For example, authors should use "per head" instead of "per capita"; "against" instead of "versus"; and "through" instead of "via".

### **Pleonasms**

Authors are encouraged to avoid pleonasms and superfluous text. Be simple and straightforward. For example, instead of "Now assume that..."; simply write "If...".

### **Proofs**

The corresponding author will receive proofs, which should be proofread and returned within 48 hours of receipt. Corrections are limited to printer's errors. No substantial author's changes will be made.

### **Reprints**

Each corresponding author will receive one copy of the issue in which the article appears, up to a total of 3 copies per article. The corresponding author is responsible for distribution of copies to co-authors. Reprints of an individual article may be ordered from Taylor & Francis. Use the reprint order form included with the page proofs.

### **Other stylistic notes for consideration**

- Never use the term "this paper", except in the context of the stationery produced by and in the paper-making industry.

- Never use “In this paper” or “In this article”; This is obvious and unnecessarily redundant.
- Authors must not personify inanimate objects: for example, “This section analyses” or “this analysis investigates”.
- Do not skip lines, and avoid bold face within the text; never use italic-bold face.
- In formulas, use parentheses only as mathematically relevant parentheses. Braces are reserved for sets, and brackets are reserved for intervals.
- Enumeration is “A, B, and C” not “A, B and C”.

**Authors must also avoid the following punctuation, abbreviations, expressions, and words:**

- Overuse of parentheses in the text
- Abbreviations: “e.g.” and “i.e.”
- “It is obvious” or “it is clear”
- “above” and “below” but to refer to a numbered equation, figure, or section
- “Note that”, “Remark that”, “in other words”, “therefore”, “thus”, “As a result”, “The paper is organized as follows.” For example, instead of writing “Note that the fluctuations of”, simply write “The fluctuations of”.
- unknown or obscure acronyms
- “impact” except when used in the context of ballistics
- (For citations) “see [author]”; put author and date in parentheses without the introducing term “see”.
- “since” to express causality
- underlining