

L^AT_EX Author Guidelines for Biometrics Symposium

Extended Abstracts [18pt, Bold, Centered]

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1. Introduction to the preparation guide

The appearance of this document reflects the requirements of the preparation guide. Since there is no typesetting or copy-editing of summaries, the use of this style guide is critical to provide a consistent appearance. The extended abstract should be an explicit summary of the research that states the problem, the methods used, and the major results and conclusions. Be sure to adhere to the two page limit; the program committee may arbitrarily shorten abstracts that are longer than the requirement. The extended abstract should be submitted in Adobe Acrobat Postscript format (PDF). Please follow the steps outlined below when submitting your manuscript to the Biometrics Symposium. Note there have been some changes to the measurements from previous instructions.

2. Page layout and elements of the paper header

Paper size should be US Letter, 8.5 in. x 11 in (21.505 cm x 27.83 cm). Margins should be set for a 1 in. (2.54 cm) top, bottom, left, and right. The point size should be 10, and the font should be Times New Roman or Palatino. Do not use hyphens at the end of a line. Please make sure that your paper contains **no non-English font packages** (for example, Japanese fonts, Korean fonts, Chinese fonts, etc.) in the body of your paper summary as well as in **all figures and tables**. Any characters in these fonts cannot be seen. Please read the following carefully.

2.1. Author names and affiliations

Center author name(s), and use 10-point, bold font. Author names should include first and middle names or initials followed by surname. Center author affiliation(s), and use 8-point, italic font. Names of authors affiliated with different organizations should be separated from the each other by one blank line. Affiliation listings should follow the format: division, organization, address. Do not use abbreviations, including abbreviations for U.S. states. If multiple authors have the same affiliation, list the affiliation only once, and list all affiliated authors on the line above. Center the e-mail address of author, in 8-point, italic font directly below the affiliation. For example:

3. Main Text

The first line of the first paragraph of a section or subsection should start flush left. The first line of subsequent paragraphs within the section or subsection should be indented 0.2 in. (0.62 cm). Spacing between sections should be one line, and between paragraphs 3 pts. Spacing between sentences and numbered titles should be two spaces.

4. Tables and Figures

Tables and figures should be positioned as close as possible to where they are mentioned in the main text. They should be numbered consecutively, and text may wrap around them if there is sufficient room. Table titles should be centered above the table and in a 10- point font. If the title is more than one line, it should

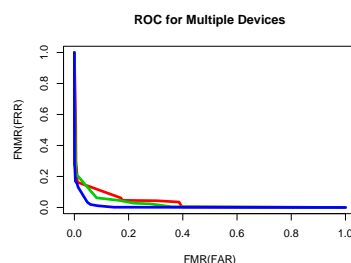


Figure 1. Multiple ROC's

have margins that match the width of the table. Figure captions should be centered beneath figures and in an 8-point font. Figure captions that are more than one line long should be indented (0.5 in.) 1.27 cm on both sides. The word Figure should appear first, followed by the figure number, a period, and then the figure caption.

5. Equations

Equations should be centered, unless they are so long that less than 0.5 in will be left between the end of the equation and the equation number, in which case they may run on to the next line. Equation numbers should only appear to the right of the last line of the equation, in parentheses. For long equations, the equation number may appear on the next line. For very long equations, the right side of the equation should be broken into approximately equal parts and aligned to the right of the equal sign. For example:

$$H = \frac{1}{2m}(p_x^2 + p_y^2) + \frac{1}{2}M\Omega^2(x^2 + y^2) + \omega(xp_y + yp_x). \quad (1)$$

$$\begin{aligned} t = UU^* = & (A^2/z_1^2 \operatorname{sinc}^2(2\pi px_1) + (A^2/z_x^2) \operatorname{sinc}^2(2\pi py_1) \\ & + 2A^2 \operatorname{sinc}^2(2\pi px_1) \operatorname{sinc}^2(2\pi py_1) \\ & \times \cos[(ky_1^2/2z_1) - (kx_1^2/2z_2)]. \end{aligned} \quad (2)$$

In-line math of simple fractions should use parentheses when necessary to avoid ambiguity; for example to distinguish between $1/(n - 1)$ and $1/n - 1$. Exceptions to this are the proper fractions, such as $\frac{1}{2}$, which are better left in this form. Summations and integrals that appear within text such as $\frac{1}{2} \sum_{n=1}^{n=\infty} (n^2 - 2n)^{-1}$ should have limits placed to the right of the symbol to reduce white space.

6. Use of Citations and References

References should appear at the end of the article in the order in which they are referenced in the body of the paper. The font should be 8 point, and the references should be aligned left with single line spacing. Within the main text, references should be designated by a number in brackets [4], and they should proceed a comma or period [2]. Two references cited at once should be included together [2, 3], separated by a comma, while three or more consecutive references should be indicated by the bounding numbers and a dash [1–3].

For journal articles, authors are listed first, followed by the articles full title in quotes, the journals title abbreviation, the volume number in bold, inclusive page numbers, and the year in parentheses. Journal titles are required. [4] is an example of this. For monographs in books, authors are listed first, followed by the articles full title in quotes, the word in, the book title in italics, the editors of the book in parenthesis, and the publisher, city, year. An example of this is [2]. For citation of a book as a whole or book chapter, authors or editors are listed first, followed by title in italics, and publisher, city, and year in parenthesis. Chapter number may be added if applicable. For citation of a proceedings article consider the example in [3] WWW links may be cited but the url should be fixed width font such as teletype, e.g. `http://quicktime.apple.com`.

References

- [1] I. Author and S. Eye. Working paper with title. In S. Biggshot, editor, *Proceedings of the International Bioauthentication Association*, volume 4, pages 324–334, 2002.
- [2] D. F. Edwards Silicon (Si). *Handbook of optical constants of solids*. Academic, 1985.
- [3] F. Ladouceur and J. D. Love. *Silica-based buried channel waveguides and devices*. Chapman & Hall, 1995.
- [4] C. van Trigt. Visual system-response functions and estimating reflectance. *JOSA A*, 14:741–755, 1997.