Instructions for Paper Submissions to AISTATS 2027

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Abstract

The Abstract paragraph should be indented 0.25 inch (1.5 picas) on both left and right-hand margins. Use 10 point type, with a vertical spacing of 11 points. The **Abstract** heading must be centered, bold, and in point size 12. Two line spaces precede the Abstract. The Abstract must be limited to one paragraph.

1 GENERAL FORMATTING INSTRUCTIONS

Submissions are limited to **8 pages** excluding references. There will be an additional page for camera-ready versions of the accepted papers.

Papers are in 2 columns with the overall line width of 6.75 inches (41 picas). Each column is 3.25 inches wide (19.5 picas). The space between the columns is .25 inches wide (1.5 picas). The left margin is 0.88 inches (5.28 picas). Use 10 point type with a vertical spacing of 11 points. Please use US Letter size paper instead of A4.

The paper title is 16 point, caps/lc, bold, centered between 2 horizontal rules. Top rule is 4 points thick and bottom rule is 1 point thick. Allow 1/4 inch space above and below title to rules.

Author descriptions are center-justified, initial caps. The lead author is to be listed first (left-most), and the Co-authors are set to follow. If up to three authors, use a single row of author descriptions, each one center-justified, and all set side by side; with more authors or unusually long names or institutions, use more rows.

Use one-half line space between paragraphs, with no indent.

Preliminary work. Under review by AISTATS 2027. Do not distribute.

2 FIRST LEVEL HEADINGS

First level headings are all caps, flush left, bold, and in point size 12. Use one line space before the first level heading and one-half line space after the first level heading.

2.1 Second Level Heading

Second level headings are initial caps, flush left, bold, and in point size 10. Use one line space before the second level heading and one-half line space after the second level heading.

2.1.1 Third Level Heading

Third level headings are flush left, initial caps, bold, and in point size 10. Use one line space before the third level heading and one-half line space after the third level heading.

Fourth Level Heading Fourth level headings must be flush left, initial caps, bold, and Roman type. Use one line space before the fourth level heading, and place the section text immediately after the heading with no line break, but an 11 point horizontal space.

2.2 Citations, Figure, References

2.2.1 Citations in Text

Initial submissions can follow any style, as long as the style is consistent throughout the document. Accepted papers have to follow author-year citation style, e.g., (Cheesman, 1985). Be sure that the sentence reads correctly if the citation is deleted: e.g., instead of "As described by (Cheesman, 1985), we first frobulate the widgets," write "As described by Cheesman (1985), we first frobulate the widgets."

The references listed at the end of the paper can follow any style as long as it is used consistently.

2.2.2 Footnotes

Indicate footnotes with a number[1] in the text. Use 8 point type for footnotes. Place the footnotes at the bottom of the column in which their markers appear, continuing to the next column if required. Precede the footnote section of a column with a 0.5 point horizontal rule 1 inch (6 picas) long.[2]

2.2.3 Figures

All artwork must be centered, neat, clean, and legible. All lines should be very dark for purposes of reproduction, and art work should not be hand-drawn. Figures may appear at the top of a column, at the top of a page spanning multiple columns, inline within a column, or with text wrapped around them, but the figure number and caption always appear immediately below the figure. Leave 2 line spaces between the figure and the caption. The figure caption is initial caps and each figure should be numbered consecutively.

Make sure that the figure caption does not get separated from the figure. Leave extra white space at the bottom of the page rather than splitting the figure and figure caption.



Figure 1: Sample Figure Caption

2.2.4 Tables

All tables must be centered, neat, clean, and legible. Do not use hand-drawn tables. Table number and title always appear above the table. See Table 1.

Use one line space before the table title, one line space after the table title, and one line space after the table. The table title must be initial caps and each table numbered consecutively.

Table 1: Sample Table Title

PART	DESCRIPTION
Dendrite	Input terminal
Axon	Output terminal
Soma	Cell body (contains cell nucleus)

[1]Sample of the first footnote.
[2]Sample of the second footnote.

3 SUPPLEMENTARY MATERIAL

If you need to include additional appendices during submission, you can include them at the end of the main submission file (here) OR submit them separately as part of the supplementary material. When submitting a separate supplementary material file, it may be either a PDF file (such as proof details) or a ZIP file for other formats/more files (such as code or videos). Note that reviewers are under no obligation to examine your supplementary material. If you have only one supplementary PDF file, please upload it as is; otherwise, gather everything to the single ZIP file.

For the separate supplementary material file must use `aistats2027.sty` as a style file and follow the same formatting instructions as in the main paper. The only difference is that it must be in a *single-column* format.

4 SUBMISSION INSTRUCTIONS

To submit your paper to AISTATS 2027, please follow these instructions.

1. Download `aistats2027.sty`, `fancyhdr.sty`, and `sample_paper.tex` provided in our starter pack. Please, do not modify the style files as this might result in a formatting violation.
2. Use `sample_paper.tex` as a starting point.
3. Begin your document with

   ```
   \documentclass[twoside]{article}
   \usepackage{aistats2027}
   ```

   The `twoside` option for the class article allows the package `fancyhdr.sty` to include headings for even and odd numbered pages.
4. When you are ready to submit the manuscript, compile the latex file to obtain the pdf file.
5. Check that the content of your submission, *excluding* references and the reproducibility checklist, is limited to **8 pages**. The number of pages containing references, the reproducibility checklist, and additional appendices (in that order) is not limited.
6. Upload the PDF file along with other supplementary material files to the OpenReview website.

4.1 Camera-ready Papers

If your papers are accepted, you will need to submit the camera-ready version. Please make sure that you follow these instructions:

1. Change the beginning of your document to

   ```
   \documentclass[twoside]{article}
   \usepackage[accepted]{aistats2027}
   ```

   The option `accepted` for the package `aistats2027.sty` will write a copyright notice at the end of the first column of the first page. This option will also print headings for the paper. For the *even* pages, the title of the paper will be used as heading and for *odd* pages the author names will be used as heading. If the title of the paper is too long or the number of authors is too large, the style will print a warning message as heading. If this happens additional commands can be used to place as headings shorter versions of the title and the author names. This is explained in the next point.

2. If you get warning messages as described above, then immediately after `\begin{document}`, write

   ```
   \runningtitle{Provide here an alternative
   shorter version of the title of your
   paper}
   \runningauthor{Provide here the surnames
   of the authors of your paper, all
   separated by commas}
   ```

   Note that the text that appears as argument in `\runningtitle` will be printed as a heading in the *even* pages. The text that appears as argument in `\runningauthor` will be printed as a heading in the *odd* pages. If even the author surnames do not fit, it is acceptable to give a subset of author names followed by "et al."

3. The camera-ready versions of the accepted papers are **9 pages**, plus any additional pages needed for references, the reproducibility checklist, and appendices.

4. If you need to include additional appendices or supplementary files, you can also include them in the supplementary material file.

5. Please, do not change the layout given by the above instructions and by the style file.

AI use statement

(This section is **required** and does not count toward the page limit.)

In this work, we used generative AI tools for [tasks with required disclosure]. We have not used generative AI tools for [other tasks with required disclosure], and [the rest of the required disclosure tasks] are not applicable to this work. Additionally, we used generative AI tools for [tasks with recommended disclosure]. We have reviewed all AI-assisted work. [Elaborate. For example, "we checked LLM-generated research ideas for potential plagiarism through a manual literature survey", "LLM-generated code was verified and tested for correctness by two authors", "all LLM-assisted proofs were checked line by line by the authors", etc.]. We take responsibility for the final content of this work, including text, claims, or artifacts produced with the aid of generative AI.

See the AISTATS 2027 AI Policy for Authors for more details. This statement should not be more than 1 page.

Acknowledgements

All acknowledgements go at the end of the paper, including thanks to reviewers who gave useful comments, to colleagues who contributed to the ideas, and to funding agencies and corporate sponsors that provided financial support. To preserve the anonymity, please include acknowledgements *only* in the camera-ready papers. The acknowledgements do not count against the 9-page page limit in the camera-ready.

References

References follow the acknowledgements. Use an unnumbered third level heading for the references section. Please use the same font size for references as for the body of the paper—remember that references do not count against your page length total.

References

J. Alspector, B. Gupta, and R. B. Allen (1989). Performance of a stochastic learning microchip. In D. S. Touretzky (ed.), *Advances in Neural Information Processing Systems 1*, 748–760. San Mateo, Calif.: Morgan Kaufmann.

F. Rosenblatt (1962). *Principles of Neurodynamics.* Washington, D.C.: Spartan Books.

G. Tesauro (1989). Neurogammon wins computer Olympiad. *Neural Computation* **1**(3):321–323.

CHECKLIST

The checklist follows the references. For each question, choose your answer from the three possible options: Yes, No, Not Applicable. You are encouraged to include a justification to your answer, either by referencing the appropriate section of your paper or providing a brief inline description (1-2 sentences). Please

do not modify the questions. Note that the Checklist section does not count towards the page limit. Not including the checklist in the first submission won't result in desk rejection, although in such case we will ask you to upload it during the author response period and include it in camera ready (if accepted).

In your paper, please delete this instructions block and only keep the Checklist section heading above along with the questions/answers below.

1. For all models and algorithms presented, check if you include:
   (a) A clear description of the mathematical setting, assumptions, algorithm, and/or model. [Yes/No/Not Applicable]
   (b) An analysis of the properties and complexity (time, space, sample size) of any algorithm. [Yes/No/Not Applicable]
   (c) (Optional) Anonymized source code, with specification of all dependencies, including external libraries. [Yes/No/Not Applicable]

2. For any theoretical claim, check if you include:
   (a) Statements of the full set of assumptions of all theoretical results. [Yes/No/Not Applicable]
   (b) Complete proofs of all theoretical results. [Yes/No/Not Applicable]
   (c) Clear explanations of any assumptions. [Yes/No/Not Applicable]

3. For all figures and tables that present empirical results, check if you include:
   (a) The code, data, and instructions needed to reproduce the main experimental results (either in the supplemental material or as a URL). [Yes/No/Not Applicable]
   (b) All the training details (e.g., data splits, hyperparameters, how they were chosen). [Yes/No/Not Applicable]
   (c) A clear definition of the specific measure or statistics and error bars (e.g., with respect to the random seed after running experiments multiple times). [Yes/No/Not Applicable]
   (d) A description of the computing infrastructure used. (e.g., type of GPUs, internal cluster, or cloud provider). [Yes/No/Not Applicable]

4. If you are using existing assets (e.g., code, data, models) or curating/releasing new assets, check if you include:
   (a) Citations of the creator If your work uses existing assets. [Yes/No/Not Applicable]
   (b) The license information of the assets, if applicable. [Yes/No/Not Applicable]
   (c) New assets either in the supplemental material or as a URL, if applicable. [Yes/No/Not Applicable]
   (d) Information about consent from data providers/curators. [Yes/No/Not Applicable]
   (e) Discussion of sensible content if applicable, e.g., personally identifiable information or offensive content. [Yes/No/Not Applicable]

5. If you used crowdsourcing or conducted research with human subjects, check if you include:
   (a) The full text of instructions given to participants and screenshots. [Yes/No/Not Applicable]
   (b) Descriptions of potential participant risks, with links to Institutional Review Board (IRB) approvals if applicable. [Yes/No/Not Applicable]
   (c) The estimated hourly wage paid to participants and the total amount spent on participant compensation. [Yes/No/Not Applicable]

Instructions for Paper Submissions to AISTATS 2027: Supplementary Materials

Note: You can choose whether to include you appendices as part of the main submission file (here) OR submit them separately as part of the supplementary material. The preferred option is to include appendices as part of the main submission file. It is the authors' responsibility that any supplementary material does not conflict in content with the main paper (e.g., the separately uploaded additional material is not an updated version of the one appended to the manuscript).

A FORMATTING INSTRUCTIONS

The appendices follow the same formatting instructions as in the main paper. The only difference is that the supplementary material must be in a *single-column* format.

Note that reviewers are under no obligation to examine your supplementary material.

B MISSING PROOFS

The supplementary materials may contain detailed proofs of the results that are missing in the main paper.

B.1 Proof of Lemma 3

In this section, we present the detailed proof of Lemma 3 and then [...]

C ADDITIONAL EXPERIMENTS

If you have additional experimental results, you may include them in the supplementary materials.

C.1 Effect of the Regularization Parameter

Our algorithm depends on the regularization parameter λ. Figure 1 below illustrates the effect of this parameter on the performance of our algorithm. As we can see, [...]