

The Article Title (Capital for the important words, Times New Roman, size 14pt, bold)

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(We do not accommodate articles with a single author)

Abstract

A concise and factual abstract is required. The abstract should briefly state the study's background and purpose, methods, results, and conclusion. Provide a brief description regarding the novelty of the research: why the research was undertaken, the impact the research will have, and why it is a significant advance over past work done on the topic. The abstract should be formally structured and prepared in English with a maximum of 250 words in a single paragraph. It should be set in 10-point font size, justified, and have a hanging indent of 1.25-centimeter.

Keywords: keyword 1; keyword 2; keyword 3 (List 3 – 6 words or short phrases that will allow proper and convenient indexing. The text should be set in 10-point font size and without using bold or italic font style. Please use a semicolon as a separator. Keywords must be title cased)

Abstrak

Abstract in Bahasa Indonesia has the same rules as abstract in English.

Kata kunci: max 6 words (Times New Roman, 10pt).

2020MSC: XXXXX

1. INTRODUCTION

Your paper will be part of the InPrime (Indonesian Journal of Pure and Applied Mathematics); therefore, we ask that authors follow the guidelines explained in this template and the file «InPrime-template.pdf», to achieve the highest quality possible. For the article in **applied mathematics**, it is recommended that the main text of the manuscript be structured in IMRAD format:

1. Introduction,
2. Methods,
3. Results,
4. Discussion,
5. Conclusions.

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For **pure mathematics**, the article has a rather different and flexible structure as follows:

1. Introduction,
2. Definition(s),
3. Results (theorem and proof),
4. Conclusions and/or Open Problem(s) (optional).

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The manuscript starts with a brief introduction describing the paper's significance. The introduction should provide sufficient background information to make the article intelligible to readers in other disciplines and sufficient context so that the relevance of the experimental findings is clear. Please highlight controversial and diverging hypotheses when necessary.

Finally, briefly mention the main aim of the work and highlight the principal conclusions. As much as possible, please make the introduction comprehensible to scientists outside your particular field of research. References should be numbered in order of appearance and indicated by a numeral or numerals in square brackets, e.g., [1] or [2],[3], or [4] – [6]. See the end of the document for further details on references.

2. METHODS

The method section may be divided by subheadings. This section should contain sufficient detail so that all procedures can be repeated when read in conjunction with cited references. Please note that the publication of your manuscript implies that you must make all materials, data, computer code, and protocols associated with the publication available to readers. Please disclose any restrictions on the availability of materials or information at the submission stage. New methods and protocols should be described in detail, while well-established methods can be briefly described and appropriately cited.

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3. RESULTS

The result section may also be divided by subheadings covering the key findings of the study, discussing the potential shortcomings and limitations of their interpretations, discussing their integration into the current understanding of the problem and how this advances the current views, speculating on the future direction of the research and freely postulate theories that could be tested in the future.

3.1 Subsection

The heading of a section title must be 12-point bold in all capitals aligned to the left. The heading of subsections and subsections must also be 12-point bold with initial letters capitalized. Words like “is”, “or”, “then”, etc. should not be capitalized unless it is the first word of the subsection title. No dot should be included after the subsection title number.

3.1.1 Subsubsection

Numbered lists can be added as follows:

1. First item
2. Second item
3. Third item

The text continues here.

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The paper size must be set to Letter (21.59x27.94 mm). The document margins must be the following:

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Tables should be properly numbered and centered and always have a caption above them. Captions with one line should be centered, and if they have more than one line, they should be set to justify. The font size is 11 for the caption and 9 points for text in a table cell. No bold or italic font style should be used. No dot should be included after the final sentence of a caption.

Detailed explanations or table footnotes should be typed directly beneath the table but not in a table cell. Table footnote labels should be alphabetical; numbers or special characters are prohibited. Position tables as closely as possible to where they are mentioned in the main text. Tables in the main text should be cited as Table 1, Table 2, etc.

Table 1. This is a table^a

Title 1	Title 2	Title 3
entry 1	entry 4	entry 7
entry 2	entry 5	entry 8

^aTables may have a footer

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The figure should be properly numbered and centered and should always have a caption positioned under it. Captions with one line should be centered, and if they have more than one line, they should be set to justify. The font size to use is 11-point. No bold or italic font style should be used. No dot should be included after the final sentence of a caption unless the caption consists of a single sentence. Figures should be placed in the main text near the first time they are cited. Figures should be cited in the main text, such as Figure 1, Figure 2, etc.



Figure 1. This is a figure. If there are multiple panels, they should be listed as (a) a Description of what is contained in the first panel (b) a Description of what is contained in the second panel.

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Equations should be placed on a separate line, numbered and centered. An extra line space should be added above and below the equation. According to equations, the numbers must appear in consecutive order inside each section or within the contribution, with the number enclosed in brackets and set on the right margin, starting with the number 1. This is an example of an equation:

$$x = 1, \tag{1}$$

The text following an equation should not be in a new paragraph. Please punctuate equations as regular text.

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This section should explore your findings' significance but not reiterate the results. Please highlight differences between your results or findings and the previous publications by other researchers (if any). Moreover, it should also encompass the strengths and limitations of the study, offering insights for future research directions and methodological enhancements. The following components should be covered in the discussion: How do your results relate to the original question or objectives outlined in the Introduction section (what)? Do you provide an interpretation scientifically for each of your results or findings presented (why)? Are your results consistent with what other investigators have reported (what else)? Or are there any differences? What are potential future research directions that could build upon the findings of this study?

5. CONCLUSIONS

Authors should discuss the results and how they can be interpreted from the perspective of previous studies and the working hypotheses. The findings and their implications should be discussed in the broadest context possible. Future research directions may also be highlighted.

ACKNOWLEDGEMENTS

Collate acknowledgments in a separate section at the end of the article before the references and do not, therefore, include them on the title page as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., language help, writing assistance proofreading the article, etc.). Personal acknowledgments should be limited to appropriate professionals who contributed to the paper, including technical help and financial or material support, writing assistance proofreading the article, etc.

REFERENCES

References should appear at the end of the article after the Funding, Acknowledgements, and Disclosure sections and follow the IEEE citation style. References must be numbered in order of appearance in the text (including citations in tables and legends) and listed individually at the end of the manuscript. The references must be written using a bibliography software package like **EndNote, ReferenceManager, or Zotero** to avoid typing mistakes and duplicated references. Include the digital object identifier (DOI) for all references where available.

Each article should have **at least 20 references**, and 80% should come from recent research articles (published in the last 10 years). Use “et al.” to reference three or more authors for in-text citations. However, the references list up to six authors. If there are more than six authors, the following authors should be written with “et al.”.

Citations and References in Supplementary files are permitted, as they appear in the reference list here. In the text, reference numbers should be placed in square brackets [] and placed before the punctuation; for example, [1], [1]–[3] or [1],[3]. For embedded citations in the text with pagination, use both parentheses and brackets to indicate the reference number and page numbers; for example, [5] (p. 10) or [6] (pp. 101–105). Follow the example of forms of references as shown below.

Journal articles

- [1] J. Cohen, C. Bohk-Ewald and R. Rau, "Gompertz, Makeham, and Siler models explain Taylor's law in human mortality data," *Demographic Research*, vol. 38, no. 29, pp. 773-842, 2018.
- [2] T. B. L. Kirkwood, "Deciphering death: a commentary on Gompertz (1825) 'On The Nature of The Function Expressive of The Law of Human Mortality, and on A New Mode of Determining The Value of Life Contingencies'," *Philosophical Transactions Of The Royal Society B*, vol. 370, no. 1666, 2015.

- [3] T. H. Tai and A. Noymer, "Models For Estimating Empirical Gompertz Mortality: With An Application To Evolution Of Gompertzian Slope," *The Society Of Population Ecology*, vol. 60, no. 1-2, pp. 171-184, 2018.

Books

- [4] D. Rosadi, *Analisis Ekonometrika & Runtun Waktu Terapan dengan R*, Yogyakarta: KOMINFO, 2011.
- [5] J. D. Cryer and K.-S. Chan, *Time Series Analysis with Applications in R Second Edition*, New York: Springer-Verlag, 2008.

Websites

- [6] B. P. Statistik, "<https://www.bps.go.id/>," [Online]. Available: <https://www.bps.go.id/dynamic/table/2015/03/10/818/total-keberangkatan-penumpang-dari-pelayaran-dalam-negeri-di-5-pelabuhan-utama-2006-2018-orang-.html>. [Accessed 24 July 2018].

Thesis/Dissertation

- [7] N. Inayah, *Pelabelan (a,d) - H -antijaib pada beberapa kelas graf* [dissertation], Bandung: Bandung Institute of Technology, 2013.

APPENDIX A

The appendix is an optional section containing details and data supplemental to the main text. For example, explanations of experimental details that would disrupt the flow of the main text but remain crucial to understanding and reproducing the research shown; figures of replicates for experiments of which representative data is shown in the main text can be added here if brief, or as Supplementary data. Mathematical proofs of results that are not central to the paper can be added as an appendix.

APPENDIX B

All appendix sections must be cited in the main text. In the appendixes, Figures, Tables, etc. should be labeled starting with 'A', e.g., Figure A1, Figure A2, etc.