
RESEARCH ARTICLE**Your Paper Title Goes Here****First Author¹, Second Author², Third Author³ and Corresponding Author^{4,*}****1** Department Name, Institution Name, City, Country**2** Department Name, Institution Name, City, Country**3** Department Name, Institution Name, City, Country**4** Department Name, Institution Name, City, Country*** Correspondence:** Email: corresponding.author@email.com.

Abstract: Write your abstract here. The abstract should concisely state the purpose of the study, the principal results, and major conclusions. It should be self-contained and suitable for indexing. Avoid abbreviations, footnotes, and references in the abstract. A recommended length is between 150 and 300 words.

Keywords: keyword one; keyword two; keyword three; keyword four; keyword five

Mathematics Subject Classification: XXXXX, XXXXX

1. Introduction

Write your introduction here. The introduction should provide the background and context of the study, state the research problem or question clearly, briefly review relevant prior work, identify the gap your study addresses, and outline the structure of the paper. You may cite references like this [2, 4]. For inline equations, use $E = mc^2$. For displayed equations, use the equation environment:

$$f(x) = \int_{-\infty}^{\infty} \hat{f}(\xi) e^{2\pi i \xi x} d\xi. \quad (1)$$

Refer to equations as Equation (1).

2. Literature Review

Provide a critical review of the existing literature relevant to your study. Organize the review into coherent thematic subsections as appropriate.

2.1. First Thematic Area

Discuss prior work on the first theme here [3].

2.2. Second Thematic Area

Discuss prior work on the second theme here [1].

3. Methodology

Describe your research design, data sources, materials, and analytical procedures in sufficient detail to allow replication.

3.1. Study Design

Describe the overall study design here.

3.1.1. *Third Level Heading:* It will show here.

3.1.2. *The Purpose Heading:* It will show here.

3.2. Data Collection

Describe how data were collected or generated.

3.3. Analytical Approach

Describe the statistical or mathematical methods used.

4. Results

Present your results clearly and objectively. Use tables and figures to summarize data where appropriate. Do not duplicate information that appears in tables or figures in the main text.

4.1. Main Findings

Describe the main findings here.

Table 1. Example summary table. Replace this caption and data with your own results.

Category	Value A	Value B	Value C
Row 1	0.000	0.000	0.000
Row 2	0.000	0.000	0.000
Row 3	0.000	0.000	0.000

Refer to the table as Table 1.



Figure 1. Example figure caption. Describe what is shown in the figure and highlight the key point.

Refer to the figure as Figure 1.

5. Discussion

Interpret your results in the context of the existing literature. Discuss the implications of your findings, the limitations of your study, and directions for future research.

6. Conclusion

Summarize the principal findings and their significance. State the main conclusions that can be drawn from the study. Avoid simply repeating the abstract or results section.

Use of AI tools declaration

The authors declare they have not used Artificial Intelligence (AI) tools in the creation of this article.

Author contributions

First Author: [Roles]. Second Author: [Roles]. Third Author: [Roles]. Corresponding Author: [Roles]. All authors have read and approved the final version of the manuscript.

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Conflict of interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

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Ethical approval

This study was conducted in accordance with the ethical standards of [Institution/Committee Name] (Approval No.: XXXX).

References

- [1] First1 Last1 and First2 Last2, *Title of the article with url only*, Name of the Journal **X** (YYYY), no. X, XXX–XXX, Accessed: DD Month YYYY.
- [2] ———, *Title of the journal article goes here*, Name of the Journal **X** (YYYY), no. X, XXX–XXX.
- [3] First1 Last1, First2 Last2, First3 Last3, and First4 Last4, *Title of the multi-author journal article*, Name of the Journal **X** (YYYY), no. X, XXX–XXX.
- [4] Firstname Lastname, *Title of the single-author journal article*, Name of the Journal **X** (YYYY), no. X, XXX–XXX.