

Paper: “The Philosophy of Probability Value Behavior: Fractions and Composite Probability Functions in the Continuous Case”

Submitted: 19 January 2024

Accepted: 15 March 2024

Published: 31 March 2024

Corresponding Author: Abdulaziz Jughaiman

Doi: 10.19044/esj.2024.v20n9p1

Peer review:

Reviewer 1: Ibraheem Alabi
Lagos State University of Education, Nigeria

Reviewer 2: Mahammad A. Nurmammadov
Azerbaijan National Academy of Sciences, Azerbaijan

Reviewer 3: Ahmed Aberqi
Sidi Mohamed Ben Abdellah University, Morocco

Reviewer 4: Blinded

Reviewer B:

Recommendation: See Comments

The TITLE is clear and it is adequate to the content of the article.

The title can be modified as The Philosophy of Probability Values Behaviour: Fractions and Composite Probability Function in the Continuous Case.

The ABSTRACT clearly presents objects, methods, and results.

Brief result outcome and conclusion should be stated.

There are a few grammatical errors and spelling mistakes in this article.

The grammatical errors and spelling mistakes are very minimal.

The study METHODS are explained clearly.

The methods are better explained but some figures need to be titled as others such as figure 3 and 6.

The body of the paper is clear and does not contain errors.

There may be need for stating some sources as many authors were listed in reference section without in the body of the study.

The CONCLUSION or summary is accurate and supported by the content.

The conclusion is okay

The list of REFERENCES is comprehensive and appropriate.

The list of references is very poor. So many authors name that are not in the body of the study.

Please rate the TITLE of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the ABSTRACT of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the LANGUAGE of this paper.

[Poor] **1-5** [Excellent]

5

Please rate the METHODS of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the BODY of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the CONCLUSION of this paper.

[Poor] **1-5** [Excellent]

5

Please rate the REFERENCES of this paper.

[Poor] **1-5** [Excellent]

2

Overall Recommendation!!!

Accepted, minor revision needed

Comments and Suggestions to the Author(s):

The authors should dwell more on the aforementioned comments made on the paper in particular the list of references and respective authors name omitted in the body of the study.

Reviewer L:

Recommendation: See Comments

The TITLE is clear and it is adequate to the content of the article.

Yes, the title is clear and integrates the key concepts used in the article, namely the Probability Values Behavior, Fractions and Composite Probability Function, the Continuous Case.

The ABSTRACT clearly presents objects, methods, and results.

The general objective is presented and reformulated in several passages of the abstract. We do not find more detail of the methodology nor a description of the salient results.

There are a few grammatical errors and spelling mistakes in this article.

The text of the article is acceptable according to the criterion of absence of grammatical errors and spelling mistakes.

The study METHODS are explained clearly.

The method used is explained even briefly.

The body of the paper is clear and does not contain errors.

The body is clear except for certain passages which are too technical, in particular the mathematical formulas they contain. To be clarified further.

The CONCLUSION or summary is accurate and supported by the content.

The conclusion reviews the main results of the research. It was necessary to recall the different objectives of the paper and the methodology adopted. Also, a list of perspective questions is missing.

The list of REFERENCES is comprehensive and appropriate.

A list of 49 references is more than complete for the completion of this work.

Please rate the TITLE of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the ABSTRACT of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the LANGUAGE of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the METHODS of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the BODY of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the CONCLUSION of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the REFERENCES of this paper.

[Poor] 1-5 [Excellent]

4

Overall Recommendation!!!

Accepted, minor revision needed

Comments and Suggestions to the Author(s):

- Rewording the abstract (more text on method and salient results).
- More explanation of the method used.
- Clarification of technical text (mathematics formula).
- Return to the body of the article in the conclusion (add the objectives and method).

Reviewer M:
Recommendation: Revisions Required

The TITLE is clear and it is adequate to the content of the article.

Yes, the title is appropriate to the content of the paper.

The ABSTRACT clearly presents objects, methods, and results.

Yes,
In the abstract, the author needs to mention the paper that is drying up probability value behaviour, through fractions and composite probability function in the discrete case.

There are a few grammatical errors and spelling mistakes in this article.

Yes,
I'm quoting from the abstract as an example:
\item[(a)] Line3: to study probability values behavior $\xrightarrow{\hspace{1cm}}$ to study

probability value behavior

\item[(b)] Line 5: composite function. \rightarrow
composite functions

\item[(c)] Line 5: to study the value behavior \rightarrow remove 'the'

\item[(d)] Paragraph 2, line 7: These are besides a proven proposition that helps to design experiment, upon the understanding of the case nature. \rightarrow
These are besides proven propositions that help design experiments upon understanding the case nature.

The study METHODS are explained clearly.

Yes

The body of the paper is clear and does not contain errors.

Yes

The CONCLUSION or summary is accurate and supported by the content.

Yes

The list of REFERENCES is comprehensive and appropriate.

Authors should add the reference:

book by Feller, William; "An Introduction To Probability Theory And Its Applications Vol.2" Digital Library of India Item 2015.134183, (1966).

Please rate the TITLE of this paper.

[Poor] **1-5** [Excellent]

4

Please rate the ABSTRACT of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the LANGUAGE of this paper.

[Poor] **1-5** [Excellent]

3

Please rate the METHODS of this paper.

[Poor] 1-5 [Excellent]

3

Please rate the BODY of this paper.

[Poor] 1-5 [Excellent]

4

Please rate the CONCLUSION of this paper.

[Poor] 1-5 [Excellent]

4

Please rate the REFERENCES of this paper.

[Poor] 1-5 [Excellent]

3

Overall Recommendation!!!

Accepted, minor revision needed

Comments and Suggestions to the Author(s):
