

Peer Review

Review of: "Compositional Data Analysis for Modelling and Forecasting Mortality with the α -Transformation"

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Review on manuscript: Qeios ID: Z69TVG: <https://doi.org/10.32388/Z69TVG>, Qeios:

Title: Compositional Data Analysis for Modelling and Forecasting Mortality with the α Transformation

Abstract

The *keywords* are missing!

Introduction

The research contribution to demographic literature should be precise and provided in one to two sentences.

Methodology

One introductory sentence is needed at the very beginning of this section.

I suggest renaming this section to Data and Methodology. Moreover, including a few general sentences on both the data nature and the source used would be beneficial for the article.

Application to Real Data

One introductory sentence is needed at the very beginning of this section as well.

Page 14, last sentence; please confirm this statement with some literature sources!

Conclusion

The authors may include any potential limitations of the study.

Overall assessment

The paper is a good example of the application of a model in the processing of mortality data and a stepping stone in the development of a new methodology. The manuscript is presented in a comprehensible and friendly/easy-to-read way. The literature and data sources are numerous. A technical note on Tables 1-4: the source should be at the bottom of the table, e.g., author's calculations; or own calculations based on the Human Mortality Database (HMD), and the title of the table should be placed at the top of the table, respectively.

Declarations

Potential competing interests: No potential competing interests to declare.