Review of: "Computer Analysis of Stochastic Aging According to the Gompertz-Makeham Mortality Law"

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The notations used in equations (6) and (7) require further clarification, as they are currently ambiguous. Specifically, the interpretation of the moments mentioned in these equations should be explained in greater detail to ensure the reader understands their significance and how they are derived. Providing a more thorough description of these terms, along with their respective roles in the context of the model, will enhance the comprehensibility of the presentation.

Additionally, the practical application of the theoretical results has not been demonstrated. To address this, it would be beneficial to include a concrete example from the real world where the concepts or models presented in the paper can be applied. For instance, a case study involving demographic modeling, epidemiology, or actuarial science could serve as a useful illustration of how these theoretical results are utilized in practice. By doing so, the paper would bridge the gap between theory and application, offering readers a clearer understanding of the relevance and utility of the work.

Furthermore, while the Gompertz-Makeham exponential mortality law is discussed in the context of the model, there is a lack of comparison with other mortality models. To provide a more comprehensive analysis, it would be valuable to compare the Gompertz-Makeham law with alternative mortality laws, such as the Weibull or the logistic models. This comparison would help to highlight the strengths and weaknesses of the Gompertz-Makeham law, as well as its applicability under different conditions. A comparative discussion could also include insights into how various models perform in different demographic groups, or how they account for factors like aging, disease, or lifestyle influences.

By extending the analysis to include such comparisons and applications, the work would offer a more rounded and practical contribution to the field, enhancing its value to researchers and practitioners alike.

At the end, improve the English language.