

Review of: "A connection between Gompertz diffusion model and Vasicek Interest Rate model"

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Potential competing interests: No potential competing interests to declare.

Report on the paper titled

"A connection between Gompertz diffusion model and Vasicek Interest Rate model"

In this paper, the author studies the connection between the Gompertz diffusion model and the Vasicek Interest Rate model. For the reasons I have mentioned below, the contribution of the paper is, in my opinion, not enough to deserve publication.

1. The originality of the work should be given more precisely in the "INTRODUCTION" section.
2. The sentences starting with "if" in Theorem 3.1 and Theorem 3.3 should be revised.
3. The contribution of the transition between the two models is not mentioned.
4. The "CONCLUSION" section of the study is a repetition of the sentences in the "ABSTRACT" and "INTRODUCTION" sections.
5. The results obtained in the study are not supported by numerical examples.
6. The number of references in the study is too few.