

Review of: "A Multi-factor Model of COVID-19 Epidemic in California"

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Potential competing interests: No potential competing interests to declare.

The paper utilizes a multi-factor model to describe the spread of COVID-19 in 58 counties of California from March 2020 to June 2023. It analyzes the impact of factors such as population, population density, household income, Gini coefficient, and land area on the model.

1. The authors should clearly state the novelty of the paper. The current version lacks sufficient novelty in terms of innovation.
2. The structure and organization of the paper are confusing. The authors should organize the paper according to the conventional structure of SCI papers.
3. The paper lacks an experimental section to validate the model. The authors should analyze the accuracy and rationality of the data and results in experiments and explore deeper reasons.
4. Additionally, the authors should standardize the writing of the paper, for example, by numbering all the formulas in the paper.