Review of: "A Computational Model Assessing Population Impact of a New Tobacco Product"

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Potential competing interests: No potential competing interests to declare.

The title is excellent. In the abstract, you should include on how the research can be improved through areas of further research for the readers of the article. While I agree Agent-Based Model (ABM) framework was used, the author can compare results with the hazard functions such as Kaplan Meier and Nelson Aalen estimates of the survival analysis for better comparison. On leveraging ABM to assess population impact, the conclusion will be different when the suggestions of survival analysis estimates are included. I believe adding these papers to your manuscript will add more value. They are; 1. Odhiambo, J. O. (2022). Stochastic Modelling of Systematic mortality Risk Under Collateral Data and Its Applications (Doctoral dissertation, University of Nairobi). 2. Odhiambo, J., Weke, P., Ngare, P., Naryongo, R., & Sewe, S. (2022). Poisson Incorporated Credibility Regression Modelling of Systematic Mortality Risk for Populations with Finite Data. Mathematical Problems in Engineering, 2022. 3. Odhiambo, J., Ngare, P., & Weke, P. (2022). Bühlmann credibility approach to systematic mortality risk modeling for sub-Saharan African populations (Kenya). Research in Mathematics, 9(1), 2023979. Write shorter paragraphs to allow the reader to follow the concepts much faster. It will add more value.

In conclusion, accept the paper with the above minor corrections on the manuscript.