Review of: "Decoding Social Systems: Agent-Based Modeling in Understanding Tourism Dynamics, with a Case Study on Phu Quoc Island"

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Potential competing interests: No potential competing interests to declare.

Greetings to the authors.

Regarding your article "Decoding social systems: agent-based modeling to understand the dynamics of tourism, with a case study on Phu Quoc Island," my comments are as follows:

1. The article presents a novel approach to understanding tourism dynamics using agent-based modeling (ABM). This approach has the potential to provide valuable information for tourism planning and development on Phu Quoc Island.

2. The topic of the article is of great relevance to Phu Quoc Island, which is experiencing rapid tourism growth. The study can help policymakers make more informed decisions on how to manage the island's tourism development in a sustainable manner.

3. The study uses a robust methodology that includes collecting primary and secondary data, developing an ABM model, and performing simulations.

I consider that the aspects that can be improved are the following:

1. The article is based on references dating back more than 10 years. It is important that authors update references to reflect the latest developments in ABM research.

2. The objectives of the research are not clearly defined in the article. It is important for authors to articulate the research objectives more precisely so that readers can better understand the purpose of the study.

3. The ABM model code is included in the main content of the article, making it difficult to read and understand the text. It is recommended that authors move the code to an appendix or post it to an online code repository.

4. Some of the figures in the article are in Spanish, making it difficult to understand for readers who do not speak the language. It is recommended that authors translate figures into English or provide explanations in English.

5. The results of the experimental part of the study are not presented in a clear and concise manner. It is recommended that the authors summarize the results using tables and diagrams to facilitate understanding.

Thank you for your attention.