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

Long Jin

Potential competing interests: No potential competing interests to declare.

This paper explores tourism dynamics based on the Agent-Based Modeling (ABM) paradigm, showcasing practical applications with a degree of utility. However, I have several suggestions for improvement.

1. Some formatting and grammatical issues exist that warrant attention. For instance, it is recommended to standardize the text in figures and charts to English to enhance readability.

2. In the section titled "Experimental Case of Urbanization of Phu Quoc Island," a more detailed exposition of integrating Geographic Information System (GIS) into NetLogo is encouraged.

3. Please consider updating the references, as there is a notable absence of literature from the past five years. The author can cite more recent articles on multi-agent and ABM paradigms, such as

1) L. Jin, S. Liang, X. Luo and M. Zhou, "Distributed and Time-Delayed -Winner-Take-All Network for Competitive Coordination of Multiple Robots," in IEEE Transactions on Cybernetics, vol. 53, no. 1, pp. 641-652, Jan. 2023, doi: 10.1109/TCYB.2022.3159367.

2) L. Jin, Y. Li, X. Zhang and X. Luo, "Fuzzy k-Winner-Take-All Network for Competitive Coordination in Multi-robot Systems," in IEEE Transactions on Fuzzy Systems, doi: 10.1109/TFUZZ.2023.3339654.

3) Silva P C L, Batista P V C, Lima H S, et al. COVID-ABS: An agent-based model of COVID-19 epidemic to simulate health and economic effects of social distancing interventions[J]. Chaos, Solitons & Fractals, 2020, 139: 110088. Of course, the author is free to judge whether these suggestions are appropriate.

4. Finally, a more extensive presentation of the experimental results and thorough textual analysis are advised.