

Review of: "Spatio-Temporal Analysis of Precipitation Patterns in Xinjiang Using TRMM Data and Spatial Interpolation Methods: A Comparative Study"

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Potential competing interests: No potential competing interests to declare.

Comment 1: Abstract.- It is necessary to include the main results in your abstract.

Comment 2: Introduction.- The introduction is superficial; there is no deep exploration of the applied data in China and why the study objective is chosen; it lacks depth on satellite precipitation data (pros and cons); there is insufficient discussion on interpolation methods and their application in other study regions; there should be a section outlining the article's structure and its objective; more bibliographic evidence is needed.

Comment 3: Data and Analysis; Overview Study Area.- It would be advisable to provide climatic conditions for the study area. This would provide context for the obtained results.

Comment 4: Methodology.- In the interpolation methods, advantages and disadvantages are not cited bibliographically, except for one. A similar case is observed in the assessment of results methods.

Comment 5: Results.- Insufficient comparison of results. A deeper understanding of specific points or areas in your results is needed. It is well known that satellite data behaves differently at higher altitudes. However, in plains, this differs in many places.

Comment 6: Conclusions.- Improve the writing and clarity of the conclusions; use terminology from previous sections.

Comment 7: Figures.- All figures should be in English.

Comment 8: Recap.- I agree with several reviewers that the manuscript is not suitable for publication; substantial improvements in writing and content are required.