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

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Comment 1: In the TRMM Data Accuracy Validation Analysis section: i) What is the validation period between TRMM precipitation and the meteorological station? ii) How are TRMM and the meteorological station collocated for validation? Kindly, briefly explain in the manuscript.

Comment 2: How does the author claim that the IDW method outperformed? In Table 4, evaluation coefficients (R^2, RMSE, MBE, and BIAS) for monthly mean precipitation show that there is no significant change in R^2, RMSE, MBE, and BIAS values for RBF, IDW, and OK interpolation methods.

Comment 3: How were evaluation coefficients (R^2, RMSE, MBE, and BIAS) computed? Were they computed from meteorological station values? Clearly mention in the manuscript.

Comment 4: In the Characteristics of Spatial and Temporal Distribution section, which datasets are used for spatial and temporal analysis? TRMM or IDW method-based datasets. Kindly incorporate this information in the manuscript.