

Evaluation of bias correction methods for a multivariate drought index: case study of the Upper Jhelum Basin

We thank the Topical Editor for taking the time to review our manuscript. Please, find below your comments and our author response, the latter highlighted in red.

Comments

Public justification (visible to the public if the article is accepted and published):

Dear author,

Thank you very much for your careful revision of your manuscript which fully address all the referees' remarks.

However, as I already asked you, you have to make improvements to code and data availability aspects before your manuscript can be considered for publication in GMD.

For the code availability, you state that the code to perform the derived analysis, calculations and plots are also based on R scripts and ArcMap which are available from the corresponding author upon request but this is not acceptable for GMD. The code used to produce the results discussed in the paper must be available either from a supplement or from an archive with a digital object identifier (DOI), e.g. ZENODO for model code.

For the Data availability, you mention that the R package "loader" used to access the data is available from a GitHub directory but again, this is not acceptable for GMD. All packages used to produce the results discussed in the paper must be available either from a supplement or from an archive with a digital object identifier (DOI), e.g. ZENODO. Please see details at https://www.geoscientific-model-development.net/policies/code_and_data_policy.html.

Thank you for considering these remarks,

With best regards,

Sophie Valcke

Author Response: Thank you for your comment. I update the heading “code availability” and “data availability” according to journal requirements. Kindly see the revised version of the manuscript.

Kind regards,

Rubina Ansari