

Dear Editor,

Thank you for giving us the opportunity to revise our manuscript. We are pleased to submit the revised version of our manuscript. In the following, we provide the response to your comment.

Comment:

The point made by reviewer#1 is valid. Many of the HMs use similar degree-day method to calculate snowmelt as what you used in your study. There is no need to argue HMs are not capable of producing snowmelt due to data limitation and computational demand, because you are focusing on snow only while HMs aim to simulation river discharge and snowmelt is only an intermediate output. Please consider to rephrase or delete the sentence.

Response:

[We thank you for this comment, and we have deleted the sentence.](#)

Thank you very much for your consideration, and best regards,

Yong Yang (on behalf of all co-authors)