

## ***Interactive comment on “Development and evaluation of spectral nudging strategy for the simulation of summer precipitation over the Tibetan Plateau” by Ziyu Huang et al.***

**Ziyu Huang et al.**

hzy17@mail.ustc.edu.cn

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Dear Astrid Kerkweg,

Thanks for your detailed comments. Our response to the short comments (SC) are given below.

SC: "The main paper must give the model name and version number (or other unique identifier) in the title." "If the model development relates to a single model then the model name and the version number must be included in the title of the paper. If the main intention of an article is to make a general (i.e. model independent) statement

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about the usefulness of a new development, but the usefulness is shown with the help of one specific model, the model name and version number must be stated in the title. The title could have a form such as, "Title outlining amazing generic advance: a case study with Model XXX (version Y)".

Response: The evaluation of spectral nudging strategy in this study was based on the simulations from WRF version 4.0. Therefore, according to the requirement, the title of this paper has been modified as: "Development and evaluation of spectral nudging strategy for the simulation of summer precipitation over the Tibetan Plateau using WRF (v4.0)".

SC: "Additionally, add a statement how to access the exact WRF code version you are using."

Response: The following statement has been added to the "Data Availability" in our revised paper. "The WRF v4.0 model code and documentation are freely available from the WRF website ([https://www2.mmm.ucar.edu/wrf/users/download/get\\_sources.html](https://www2.mmm.ucar.edu/wrf/users/download/get_sources.html))."

Best Regards,

Lei Zhong and Co-authors.

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2020-394>, 2020.

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