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Hydrology and Earth System Sciences
Discussions

Interactive comment on "Bayesian performance evaluation of evapotranspiration models for an arid region in northwestern China" *by* Guoxiao Wei et al.

Anonymous Referee #2

Received and published: 25 March 2019

This paper studies an important problem of ET estimations: which model has the best performance to predict ET. I believe this work provides useful insights to improve our understanding of ET model selection. I would be in favor of publication after the authors addressed the comments given below. Comments: 1. The grammar of this paper needs some improvements, some grammar errors and ambiguous sentences can be found. 2. The universality of this study and its conclusions need to be clarified since the study area and methodology are both very spatial and temporal specific. PS, are the conclusions valid under other conditions or not? 3. Following the last comment, is it possible to provide results for other study areas or using other time scales? This will provide strong evidences to support the conclusions. 4. I am not sure I can agree with

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Discussion paper

some conclusions, for example, the one in lines 531-532, the authors suggest prioritizing BME over other measurements, but BME can also provide inaccurate results.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2018-430, 2018.

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