Interactive comment on "Comparative analysis of Kernel-based versus BFGS-ANN and deep learning methods in monthly reference evaporation estimation" *by* Mohammad Taghi Sattari et al.

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Received and published: 19 November 2020

Quite a number of comments, and very useful ones. The authors have In their answers addressed most of them (albeit not always convincingly in my view), but obviously there is still a lot to do in revising the manuscript. Clearly the authors have to convincingly show why ML methods are to be used, along with the traditional methods. PLease address every comment, and if you disagree, please provide justified convincing rebuttal, arguments why. Please show in the manuscript how have you responded to comments by highlighting the changes. Please ensure that it isnot only referees who

have to be answered but also the readers who need to receive the answers to the questions/comments posed/made by referees. Success in preparing the revised version!

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2020-224, 2020.