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Hydrology and Earth System Sciences
Discussions
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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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1- Share more numerical results in the Abstract. Mention the numerical results of the Model Evaluation in the Abstract. 2- Table 1 description is not enough. Add the skewness coefficient, kurtosis coefficient and the coefficient of variation in Table 1. 3- Show the study area on the Map of Turkey. 4- The figures on figure 1 are not read. Please put in legible shape. 5- Add the coefficients of determination to the graphs in Figure 2. 6- Substitute the results of the determination coefficient for the correlation coefficient, in table 4, 5, 6, and 7. 7- Add the coefficients of determination

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to the graphs in Figure 4-6-8-10. 8- The resolution of all the figures in the study is low, the figures are not readable. 9- Add the skewness coefficient, kurtosis coefficient and the coefficient of variation in Table8. 10- Important and relevant references have been ignored: Cobaner, M., CitakoÄ§lu, H., Haktanir, T., & Kisi, O. (2017). Modifying Hargreaves–Samani equation with meteorological variables for estimation of reference evapotranspiration in Turkey. Hydrology Research, 48(2), 480-497.

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