

Interactive comment on “The role of improved soil moisture for the characteristics of surface energy fluxes in the ECMWF reanalyses” by Wilhelm May

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Thank you for the comments. I will change the manuscript accordingly, once I have received the comments from the other referee(s).

In particular:

It is correct that not only the differences in soil moisture (mainly driven by precipitation) are responsible for the differences in the fluxes. I will revise the title and the text accordingly.

I will test the significance level of the correlations applying a suitable statistical technique, probably using a bootstrapping method.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2017-619>, 2017.

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