Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2017-379-AC2, 2017 © Author(s) 2017. This work is distributed under the Creative Commons Attribution 4.0 License.



HESSD

Interactive comment

Interactive comment on "Seasonal streamflow forecasts in the Ahlergaarde catchment, Denmark: effect of preprocessing and postprocessing on skill and statistical consistency" by Diana Lucatero et al.

Diana Lucatero et al.

diana.lucatero@ign.ku.dk

Received and published: 12 October 2017

Your comments and suggestions are greatly appreciated. Please note the figures attached and the supplement in which we add a detailed response to your review.

Please also note the supplement to this comment: https://www.hydrol-earth-syst-sci-discuss.net/hess-2017-379/hess-2017-379-AC2-supplement.pdf Printer-friendly version



Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2017-379, 2017.

HESSD

Interactive comment

Printer-friendly version



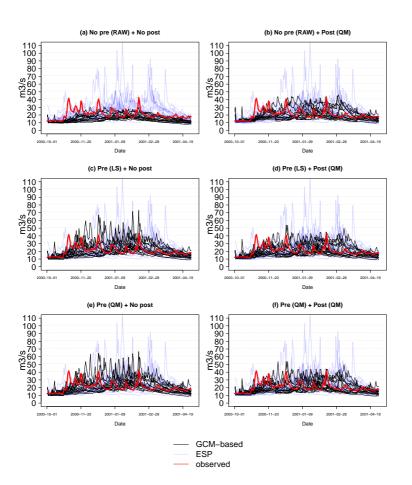


Fig. 1. Example of a forecast of daily streamflow (initialized 01-10-2000, outlet station 82) generated with different strategies. Pre and Post stand for preprocessing and postprocessing, respectively. RAW, L

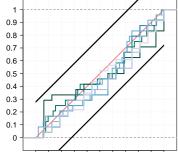
Interactive comment

Printer-friendly version



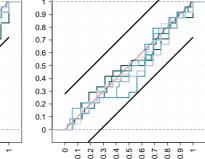
Preprocessed Preprocessed Raw Forecasts Linear Scaling/Delta Change (LS) Quantile Mapping (QM) 0.9 0.9 0.9 0.8 0.8 0.8 0.7 0.7 0.7 0.6 0.6 0.6 0.5 0.5 0.5 0.4 0.4 0.4 0.3 0.3 0.3 LT 6 0.2 0.2 0.2 LT 3 0.1 0.1 0.1

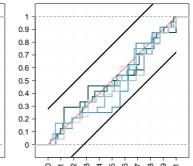
Preprocessed (LS) - Postprocessed (QM)



0.6

Raw Forecasts - Postprocessed (QM)





Preprocessed (QM) - Postprocessed (QM)

Fig. 2. PIT diagrams of target month December at different lead times (LT) for different forecast strategies. For example, LT 3 corresponds to the December forecast initialized in October.

HESSD

Interactive comment

Printer-friendly version

