

Interactive comment on “Comparative assessment of predictions in ungauged basins – Part 1: Runoff hydrograph studies” by J. Parajka et al.

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We would like to thank Dr Andréassian for his positive comment and suggestions on the manuscript. (Our response to the comment is in italics)

I liked the paper because it is a quasi-exhaustive synthesis of published research on this topic, and I appreciated all the efforts done to organize in a coherent way all the published materials.

I would like however to bring to your attention on a few studies of my colleagues and me, because they bring a complementary light on the issue of runoff hydrograph studies in ungauged catchments...

Oudin, L., A. Kay, V. Andréassian, and C. Perrin. 2010. Are seemingly physically similar catchments truly hydrologically similar? *Water Resources Research*, 46, W11558, doi:10.1029/2009WR008887

Randrianasolo, A., Ramos, M.H., Andréassian, V. (2011) Hydrological ensemble forecasting at ungauged basins: using neighbour catchments for model setup and updating. *Advances in Geosciences*, 29: 1-11, doi:10.5194/adgeo-29-1-2011.

Thank you for the comment and suggestions. In response to the comment, we have added two references (Oudin et al., 2010 and Randrianasolo et al. 2011) and following sentence into the section 3 (p.6):

“... and Zhang and Chiew (2009) who identified the most similar catchments in terms of catchment area, mean elevation, slope, stream length, aridity, woody vegetation fraction and plant available water holding capacity. As it is discussed in Oudin et al. (2010) more relevant catchment characteristics should be sought to better describe the geological and lithological conditions from hydrological perspective.”

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