Hydrol. Earth Syst. Sci. Discuss., 10, C3343–C3344, 2013 www.hydrol-earth-syst-sci-discuss.net/10/C3343/2013/

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## **HESSD**

10, C3343-C3344, 2013

Interactive Comment

## Interactive comment on "Post processing rainfall forecasts from numerical weather prediction models for short term streamflow forecasting" by D. E. Robertson et al.

## J.S. Verkade (Referee)

jan.verkade@deltares.nl

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The paper is generally well written, although I found the sections on the actual post-processing technique tough to read. Although I have done some postprocessing of precipitation forecasts myself, I find this a difficult topic and I have concentrated on how the resulting forecasts have been verified.

Although the ensemble forecasts have been verified to some extent, I think a more extensive verification could improve the manuscript. If, however, the authors decide otherwise, I would like to see a note added that explains the limitations of the 'as is'

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verification. This pertains to both the (absence of) conditional verification in terms of CRPSS and bias, as well as to the verification of added value of the Schaake shuffle.

I don't mind revealing identity (Jan Verkade, Deltares, Delft, the Netherlands). I don't need to see a revised version of the manuscript; I trust that the authors will deal with the comments appropriately.

More specific comments are uploaded in a separate pdf file.

Please also note the supplement to this comment: http://www.hydrol-earth-syst-sci-discuss.net/10/C3343/2013/hessd-10-C3343-2013-supplement.pdf

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 6765, 2013.

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