

## ***Interactive comment on “Comparison of data-driven methods for downscaling ensemble weather forecasts” by X. Liu et al.***

X. Liu et al.

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Thanks for the comments/suggestions on the paper. It may be recalled that this is not a technical report, but rather a scientific paper. The latter has page limitation and needs to be precise but clear enough. Therefore the discussion of results focuses on the key findings and does not intend to provide answers to "all questions one might have...".

Given that the GP and EPR techniques are not new, appropriate references are provided to the readership. The EPR method used herein has been fully described by Giustolisi and Savic (2003, 2004, 2005) as specified in the paper. There is no need to reproduce a full description of EPR here.

GP and EPR are clearly defined in the first paragraph of section 4.

The description of weather forecast model is given along with appropriate reference

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(see Section 2). Climate model is not used, therefore there is no need to describe climate models.

There are no perfect statistics for assessing model performance particularly for precipitation. Therefore three statistics are given: MSE, NMSE and  $r$ . In addition scatterplots are given. Note that even Nash index is not an appropriate criteria for precipitation.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 4, 189, 2007.

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