



# ***Interactive comment on “Performance and robustness of probabilistic river forecasts computed with quantile regression based on multiple independent variables in the North Central USA” by F. Hoss and P. S. Fischbeck***

**J.S. Verkade (Referee)**

jan.verkade@deltares.nl

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The Hoss and Fischbeck paper is an interesting and very worthwhile addition to the existing literature on predictive hydrological uncertainty insofar as it explores the optimal selection of predictors to configure a Quantile Regression based statistical post-processor for estimating predictive uncertainty. However, the paper requires some work prior to its publication. I don't think the the computations underlying the manuscript need to be modified in great extent, but the description and the analysis

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thereof can be improved substantially. I hope to give some suggestions on how that can be done.

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/11/C5902/2015/hessd-11-C5902-2015-supplement.pdf>

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 11281, 2014.

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