

## ***Interactive comment on “Long-range forecasting of intermittent streamflow” by F. F. van Ogtrop et al.***

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This is a well written summary of how generalised additive models can be used to formulate long-term forecasts of binary variables. However, I am left with a feeling that more needs to be done by the authors to validate the model structure being proposed, and especially compare it against simpler model forms for the same region proposed previously. The authors say they have used a 12-month out cross-validation in the article, but do not seem to have presented any results for this. It would be nice if cross-validation results could be included as these partially allow an assessment of whether the complexity of the forecasting model proposed is warranted or not. My apologies if some of the results presented actually are based on cross-validation - I did not pick that up from the text clearly.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 681, 2011.

**HESD**

8, C15–C16, 2011

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