Interactive comment on “Comparison of predictions of rainfall-runoff models for changes in rainfall in the Murray-Darling Basin” by J. M. Whyte et al.

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Both referees have recommended rejection, in particular noting “this paper does not provide any new insights into rainfall-runoff model behaviour, nor does it provide any additional insights into the response of catchments to a change in rainfall”. The authors in their responses discuss the scientific relevance of a comparison of conceptual and time series models and point to the novelty of the application of TARX among a range of points. However, although I agree that the intercomparison of the models has some distinct worth, this study does not engage adequately with the hydrological literature,
it does not provide evidence of the significance of using these models e.g. in climate impact modelling and unfortunately does read like a preliminary supporting report to a hydrological scientific study.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 917, 2011.