

## ***Interactive comment on “Evaluation of TRMM rainfall estimates over a large Indian river basin (Mahanadi)” by D. Kneis et al.***

### **Anonymous Referee #1**

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Comment 4: Based on your argument, NS index includes the variation of observations, so the interannual variability dominates the sensitivity of the validation results. Can you use RMSE or MSE as indices? The interannual variability is not reflected in them. You can use Normalized RMSE or MSE so that each year is comparable.

Comment 9: The low NS values in 2004, 2009 and 2010 can be attributed to rainfall overestimation in TRMM. I suggest that you put this into conclusions because it is an important part of the performance of TRMM.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 1169, 2014.