

Interactive comment on “Consistent increase in Indian monsoon rainfall and its variability across CMIP-5 models” by A. Menon et al.

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Reviewer 2's first comment is "A case regarding the more reliability of the simulated South Asian summer monsoon response in CMIP5 GCMs than that in the CMIP3 GCMs cannot be made unless authors quantify that CMIP5 GCMs have more skill in the simulation of South Asian summer monsoon dynamics compared to the skill exhibited by CMIP3 GCMs."

The author's response to reviewers is not actually responsive to this issue. Instead the Response refers to the fact that CMIP5 models are more similar to each other, i.e. more consistent. Which is not the same thing as better in terms of skill or more reliable. While it is debatable whether simulations that show greater skill over a calibration interval actually have better skill predicting into the future, the authors should at least respond

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to the reviewer's question and point. Either argue that the models have greater skill than CMIP3 models or that this is not the focus of your paper, or some other type of response. Please respond here in the comments section and state what changes you would make in the text accordingly.

thanks!

Matthew Huber (editor)

Interactive comment on Earth Syst. Dynam. Discuss., 4, 1, 2013.