

Interactive comment on “Statistical downscaling of climate data to estimate streamflow in a semi-arid catchment” by S. Samadi et al.

S. Samadi et al.

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Received and published: 3 September 2012

Dear Malekian,

Many thanks for your kind feedback. My replies on your commands are as below;

Fig. 3 has no coordinates. - In Figure 10 linear correlation is weak. - I think the correct spelling of used model is IHACRES. - In page 4886 and all parts of the manuscript, the correct writing is km not Km. -The text needs major revision. Some parts are not clear. For example in page 4880: Karkheh is one of the major catchment where is irrigating around five provinces in the west of Iran.

- Coordinate system was designated for Fig. 4 which makes more sense as it is re-
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search study area. - We calibrated this catchment with strong performance and the model performance is better in calibration period than in validation period, a possible explanation for this behavior is that when data from wet conditions are used for calibration, and the model is validated for dry conditions the model needs to function just inside the range of model calibration. The data used for calibration is from the wettest year in the simulation period. - Manuscript was revised according to reviewer's commands.

Thanks again for your kind feedback.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 4869, 2012.