Hydrol. Earth Syst. Sci. Discuss.,
doi:10.5194/hess-2017-93-RC4, 2017
© Author(s) 2017. CC-BY 3.0 License.

Hydrology and Earth System Sciences
Discussions
Open Access
EGU

Interactive comment on "Three novel copula-based bias correction methods for daily ECMWF air temperature data" *by* Fakhereh Alidoost et al.

Anonymous Referee #4

Received and published: 10 April 2017

The manuscript applies three copula functions for bias correction of ECMWF daily air temperature data.

The topic is interesting however the paper show several drawbacks. I agree with all the comments already underlined by the other reviewers and in addition I would to emphasize the following ones:

- The paper is general could be clearer above all concerning the data description.

- I did not fully understand the data set included in the application since I am surprised by the sample dimension that is poor either in the calibration and in the validation.

- In copula application it is important that data would be not auto-correlated. This issue

Printer-friendly version

Discussion paper

CC BY

is not considered in the paper and most probably daily temperature are, or could be, autocorrelated in the proposed procedure.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2017-93, 2017.

Printer-friendly version

Discussion paper

CC BY