

Earth Syst. Dynam. Discuss., referee comment RC1
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Comment on esd-2022-33

Anonymous Referee #1

Referee comment on "Direct and Indirect Application of Univariate and Multivariate Bias Corrections on Heat-stress Indices based on Multi-RCM Simulations" by Liying Qiu et al., Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2022-33-RC1>, 2022

Overall comments

This paper describes the differences between ways to achieve bias correction. The outcomes are qualitative in nature so it is difficult to see if they have managed to achieve their aims, as no confidence intervals can be put around the results to examine if they were achieved. For an area that is very keen on numerate approaches I was a little surprised they did not use a statistical approach to differentiate between the differing adjustments for bias.

Specific Comments

The phrase "On the other hand" is used too often.