Interactive comment on “An improved statistical bias correction method that also corrects dry climate models” by Fabian Lehner et al.

Jorn Van de Velde
jorn.vandevelde@ugent.be

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As the changes to the climate change signal induced by quantile mapping and other bias adjustment methods are still a matter of debate, this paper could be a worthy addition to the literature.

However, I would like to ask if the authors are aware of the paper by Vrac et al. (2016). This paper builds on Themeãždžl et al. (2012) by introducing the SSR method, which is a flexible precipitation occurrence-bias-adjusting method that can also correct a negative wet day bias. This is the only advanced method deliberately constructed to adjust models with too few wet days, yet this is not discussed in the paper. It would be interesting to read at least a discussion on the differences between this method (based on, but not limited to, the CDF-t method) and the one proposed in the paper, or maybe even see a quantitative comparison.

Reference: