

Reply to the commentary:

Dear Authors,

After reading your paper, we think that the discussion of your results could benefit from the findings shown in our work “Recent changes in temperature extremes across the north-eastern region of Italy and their relationship with large-scale circulation. *Climate Research*, 81, 167-185” (Di Bacco and Scorzini (2020); doi: 10.3354/cr01614), in which we analyzed trends in temperature extremes over northeastern regions of Italy (including Trentino Alto-Adige) based on homogenized data from dense station networks.

Anna Rita Scorzini and Mario Di Bacco

We thank the Professors Anna Rita Scorzini and Mario Di Bacco for the suggestion.

We added the following sentence in the discussion part of our revised paper to account for their new findings in line with ours. The new sentence is:

“Our results for HWs are also in line with the finding of Bacco et al., (2021) that analyzed trends in temperature extremes over northeastern regions of Italy (including Trentino Alto-Adige) based on homogenized data from dense station networks. They also found widespread warming, with significant positive trends in maximum-related mean and daytime temperature extremes”.