

We thank the editor and both reviewers for taking the time to review again our manuscript. All suggested corrections were added to the new manuscript.

Editor's minor comment

Line 55. Replace the dot in the separation of thousands with a comma (as well as in other places in the manuscript, if needed).

Line 55. Replace the dot in the separation of thousands with a comma (as well as in other places in the manuscript, if needed).

Done

Figure 4. Please increase the font size in the figures. Please convert the coordinates to lat/lon as in Figure 1. In Figure 1, consider adding a small box to refer to the area zoomed in Figure 4.

Done

Figure 6. Keeping only panel c in the main text and moving panels a and b into the supplementary material would be a good idea.

Since the text already includes a description of panels a and b and are relevant to the results, We found that adding panels a and b to the appendix is more suitable.

Code and data availability. It is strongly recommended that the code be made available for everyone to access online. You should facilitate public access to the code since you are publishing an open-access Technical Note. Although this is not a mandatory procedure, it is recommended.

We provided opensource code and data in the Github repository qcpcp <https://github.com/AbbasElHachem/qcpcp>

Referee 1 Comments

one technical correction is necessary: in Fig. 1 although number of stations per 30 km is a density: it is a line density (!!) but apparently an area density is meant giving the units num of stations per $(30 \text{ km})^2$ or number of stations per $(\pi * 30\text{km})$, needstobecorrected

Thank you for this remark, this was corrected in Fig.1

Referee 2 Comments

line 153: is there a reason why you use 30 neighbouring stations? Depending on the network density, there may be substantial differences in local climate or in precipitation in the far distance for this selection criterion.

30 is the minimum number of points for the estimation of the variogram - not for Kriging. The number 30 is in fact somewhat too big, but it has not much importance as due to the shading effect in Kriging the far-away stations have a very small weight. The previous statement was added partly to the text in line 118.

lines 263-264: it is not clear to me if you refer to 200 mm within one hour (which is clearly not possible in this climate) or the intensity of 200 mm/h within a short time period such as 5 minutes which may occur. Maybe that you should clearly state if the minutely data are aggregated to hourly data here or to shorter time intervals.

This was corrected in the text. The values refer to the total accumulated rainfall sum and not the intensity. This was added in line 174.

All Detailed corrections were implemented