Dear Editor Prof. Bravo de Guenni,

Thank you for your positive assessment of our revised manuscript entitled “Stochastic daily rainfall generation on tropical islands with complex topography”.

To account for your last comments we modified our manuscript as follows:

Editor comment: After your major revision of the manuscript hess-2021-453, I acknowledge that you have replied and addressed both reviewers’ comments at a great extent. My main concern is still with your response to comment RC 1.23 about your Figure 5. You did not fully address all issues raised by the reviewer on this figure, like the meaning of the grey bands and the rather unusual QQ-plots of column d).

Authors response: The caption of figure 5 has been improved (l 394-398) to explain that the grey bands in column (b) represent the quantile 10%-quantile 90% interval derived from simulations, and to better explain the Q-Q plots of columns (d) and (e).

Editor comment: When you said that the “simulations properly reproduce site-specific marginal distributions of daily rain accumulation, except for the driest gauge where the 20-year maximum tends to be over-estimated”, are you referring the first row of your figure?

Authors response: Yes we are referring to Fig 5d, first row. To avoid confusion, we slightly modified the reference to this figure in the main text (l 414-415).

Editor comment: For columns d) and column e), you are using the 50 simulated values, while for columns b) and c) you are using the median of the simulated values for comparison. Is this correct?

Authors response: Yes, this is correct.

Editor comment: Can you please also clarify the meaning of the black lines in Figures 6 and 7 represent?

Authors response: Each black line connects the quantiles derived from a given simulation in order to help distinguish between simulations. We updated the caption of Figure 6 to explain it (l 431-434).

We hope that the above propositions of improvement will meet your expectations.

Best regards,
Lionel Benoit, on behalf of the authors.