1-6) Refer to PART I & II

7) As per the authors, the spatial extent of the analysis is 30,389 km^2 [LN 111]. Moreover, there are 139 hourly stations for generating hourly rainfall surfaces using the proposed method. This includes the disaggregated stations (i.e., daily to hourly) as well. Considering these details, on average, a gauge accounts for 218 km^2 (= 30,389/139). Based on this information, you have fitted your 1 km gridded surface. Is this what you want to achieve in this manuscript? If I have misunderstood, do correct me.

8) Table 1 is a good piece of work in this manuscript. It would be more useful for the readers of this manuscript if the authors added a few more sections to outline more about the datasets (e.g., ANUClimate and AGCD) that the authors have listed in Table 1. Moreover, I suggest the authors work with the handling editor to find a better title for Table 1.

9) The spatial and temporal resolutions of ANUClimate are 1 km and 24 h, respectively. What if we disaggregate the daily grid of ANUClimate to an hourly grid using the existing hourly rain gauges? Wouldn't it yield the grid surface of your interest (i.e., 1 km in spatial and 1 h in temporal)? How would this differ from your methodology?

10) Refer to PART IV