

Review of "Evaluation of the Plant-Craig stochastic convection scheme (v2.0) in the ensemble forecasting system MOGREPS-R (24km) based on the Unified Model (v7.3)"

The authors have done a very nice job with revising the text. However, I find the text modifications to my previous major concern 1. insufficient. Furthermore, I don't think the discussion about the experimentation is fair without addressing this issue more thoroughly in the text. Although the text changes associated with this point are (likely) minor in nature, I am suggesting another "major revision" to emphasize the importance of this point.

Major concerns

1. My previous Major concern 1. was that the good skill of the PC scheme might be related to suppressed convection in the model. In the authors' response they say that "... it is the total (large-scale plus convective) rainfall that is very similar". They continue, that because the PC scheme produces less convection, the grid scale dynamics acts to compensate this by producing more rainfall. This (in my mind) clearly points out that the improved skill is (likely) partly thanks to the model dynamics compensating for the lack of convective activity. The discussion about this in Section 3.4 is avoiding to confront the issue.

I would like the authors to discuss the issue in the text, at least in Section 3.4, stating that part of the improved skill might be due to the model dynamics being more active (due to this being an initial, little tuned implementation of the PC scheme in MOGREPS-R).

Minor concerns

1. I still see a problem in Figures 13-14 with the lowest threshold values missing for GR in Fig 13 and for PC in Fig 14. Based on the authors' response earlier, did you forget to update the figures into the text?