Reviewer #2

We are grateful to the reviewer for their positive comments. The reviewer wrote:

The only concern I have is that the verification of the DA only includes the correlation metric, which by its nature does not provide any information about bias. I think the authors ought to provide, at least in the supplement, some verification metric that incorporates bias, such as 'bias' or 'mean absolute error' or 'continuous-ranked probability score'. So I am suggesting a verification just like Fig 6 but for an additional metric. This will allow for a more complete assessment of the limitations of the DA product.

This is a good idea and we agree that this suggestion represents a useful test of the model and one which will improve the interpretation of our results. We will therefore add a figure showing mean absolute error to the supplement.