

Reviewer 1, 3rd review.

All previous reviewer comments have now been address appropriately. I would only suggest to show mean correlation in the North Atlantic region instead of maximum correlation in Figure 12. Or you should explain why max correlation is chosen and a useful measure.

We thank Reviewer 1 for the final review. In Figure 11 and 12 we use the maximum correlation as an indicator of the strength of the co-variability between different datasets. The mean correlation for grid boxes with significant correlation could also be used, as it generally follows the same patterns as the maximum correlation. However, the excursions of the mean correlation are much weaker than the maximum correlation, and the maximum correlation is a more effective indicator of the strength of the co-variability. For example, the loss of coherence for DJF between SAT25 and ModE-RA is not as clear in the mean correlation compared to the maximum correlation. We briefly explain this in the text in the final revision (L335-336):

“The maximum correlation shows larger excursions than the mean significant correlation, and is used in Figure 11 as an effective indicator of strength of the co-variability between the different datasets.”