

## Response to Second Revisions for WCD-2022-555

### Reviewer 1

The authors have satisfactorily addressed my minor comments, leading to improved clarity of the manuscript. In my opinion the article is fit for publication.

There is just one small error to correct:

L.155 "Week two forecasts are the average forecast using forecast lead times 1-7 days" -> "Week one forecasts are the average forecast using forecast lead times 1-7 days" [Thank you, we have made this correction to state 'week one'](#).

[We thank the reviewer for their careful attention to our manuscript and have made the listed correction.](#)

### Reviewer 2

Dear Authors,

Before I recommend the manuscript for publication, please, consider including the technical corrections described below.

[We thank the reviewer for their careful attention to our manuscript and have made the noted changes and corrections, detailed below.](#)

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L29 - Please change "de Andrade 2018" with "de Andrade et al. 2018"  
[Thank you, we have made this correction.](#)

L48 - Change "upper level" with "upper-level". [We have made this change](#)

L60 - Remove "The" [We have made this correction](#)

L92 - Change "south" with "South" [Thank you, we have made this change.](#)

L155 - Change "Week two" with "Week one" [We have made this correction](#)

Figure 3 (L617) - Do you mean "1982-2020" or "1981-2020"? [We mean 1982. We noticed that earlier in the text there is a 1981 in place of 1982 when describing the data. We have made this correction \(line 152\).](#)

L243 - Please revise the following sentence: "median PCC shifts statistically significant shifts". [We have revised the sentence to: "For lead times between weeks 2-4, statistically significant median PCC shifts reflect the increase in skill, as do the increased probability density of forecasts with PCC > 0.5."](#)

Supplement: Add "central" in the main title. [Thank you, we have made this change](#)

Figure S1 - "top 80%" or "top 20%"? [top 20%, we have made this correction, thank you!](#)

L281 - Do you mean "1993" or "1994"? [We meant 1993, thank you.](#)

L283 - Do you mean "2003" or "2002"? [Here we mean 2002, and the low expected skill dates in the vertical gray bars.](#)

Figure 10 - Please add information regarding black and gray contours (i.e., positive and negative streamfunction anomalies). [We have added the following information: The black contours show](#)

positive (anticyclonic) streamfunction anomalies and the gray contours show negative (cyclonic) streamfunction, contoured at an interval of  $3 \times 10^6 \text{ m}^2 \text{ s}^{-1}$  beginning at  $\pm 3 \times 10^6 \text{ m}^2 \text{ s}^{-1}$ .

Figure 11 (L668) - Suggest removing "are" before "shown" We have made this change.

L335 - Maritime Continent We have made this change

L351 - (2005) We have added ( ) around 2005.

L368 - Suggest removing "are" before "therefore". Thank you, we have made this change.