Answers to Reviewer comments

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Thank you for your suggestions.

Figure 13 (page 26): The caption refers to PC1, whereas the figure and corresponding discussion refer to PC2.

Thank you for noting this. The caption was corrected.

Conclusions (page 35, lines 880–882): The reported range of explained variance for PC1 of wind-speed bias (61.1–82.5%) appears inconsistent with the values presented in Section 3.1. Please verify this range.

Thank you for noting this. However, we believe that the range is correct. In Section 3.1., we presented that the explained variance is 82.5% in ERA5 and 61.1% to 81.3% in other model datasets. Therefore, the range 61.1-82.5% is correct if we consider all model datasets (ERA5 included), as is done in the conclusions.

Table 1 (page 7): The abbreviation "NWS" for the JRA-3Q modelling system appears inconsistent with "NWP" used in the main text

Thank you for noting this. The abbreviation was corrected.

Minor language and formatting corrections: Please correct the grammatical error around line 602 ("many different a range of") and the section-reference formatting on pages 4–5 (last paragraph of the introduction. For example, " subsubsection 2.2.1" can be "section 2.2.1" for simplicity.

Thank you, we corrected the grammatical error. We also adjusted section-references throughout the manuscript.