

Response to the general comment from Reviewer R1

I thank the authors for addressing the comments. The paper can now be published. I would suggest adding 1 line in the abstract about the added value analysis and what it shows overall.

We would like to thank the reviewer for their second review of the revised manuscript.

We have amended the abstract to address the reviewer's comment. In particular, the abstract is extended to expand on the finding of the added value analysis and writes, "[...] *As a hindcast-only system, BARRA-C largely inherits the domain-averaged bias pattern from BARRA-R but does produce different climatological extremes for temperature and precipitation. An added value analysis of temperature and precipitation extremes shows that BARRA-C provides additional skill over BARRA-R when compared to gridded observations. The spatial patterns of BARRA-C warm temperature extremes and wet precipitation extremes are more highly correlated with observations. BARRA-C adds value in representation of the spatial pattern of cold extremes over coastal regions but remains biased in terms of magnitude.*"

We have also taken this opportunity to proofread the manuscript and made minor textual changes. No new analysis or finding was added. Some text in Section 3 Results is moved to Section 4 Discussions. The changes are documented in the tracked-change version of the manuscript.