

Review by Jeff Reid:

“One mislabeling in the paper worth noting. For figure 8 they list *rmsd* and *bais* as the same thing, when in fact they are polar opposites. RMSD (or root mean square deviation) is essentially the *rmse* one the bias is removed. RMSE is the sqrt of bias^2 plus variance squared. Both *rmse* and *rmsd* are positive definite. If they want to show bias instead of *rmsd* (as I suggested) that is fine. Just relabel figure 8.”

Thank you Jeff,

That’s correct, what we are showing is a “bias”. We removed all references to “*rmsd*” in the text and relabeled Fig. 8.

Specific changes:

P25, Ln. 30:

Was: “prognostic error models, we computed *rmse* and *bias* (or *rmsd*) ...”

Now: “prognostic error models, we computed *rmse* and *bias*”

P26, Ln. 2:

Was: “deviation can serve as a reasonable proxy for both *rmse* and *bias* (*rmsd*), for instance: “

Now: “deviation can serve as a reasonable proxy for both *rmse* and *bias*, for instance: “

P. 26, Ln 4-5: Removed the sentence:

“This table also includes Australian continent not shown in Figure 8 for the lack of space.”

because Fig. 8 was updated with Australia added.

P35, Ln. 18 (and P42):

Was: ” **Table 5.** Regional linear regression model parameters for the expected error (*rmse*) and bias (*rmsd*).”

Now: “**Table 5.** Regional linear regression model parameters for the expected error (*rmse*) and bias.”

P43, Ln. 26 (and P. 52):

Was: “**Figure 8.** Absolute error (*rmse*, top row) and bias (*rmsd*, bottom row) “

Now: “**Figure 8.** Bias (top row) and *rmse* (bottom row) ...”

Updated Fig. 8:

- 1) Replaced “RMSD” with “Bias”
- 2) Re-plotted *RMSE* with y-axis starting from 0 to address Reviewer’s comment that “*RMSE* is a positively defined function”.
- 3) Added Australian continent.