

## ***Interactive comment on “Large-scale features and evaluation of the PMIP4-CMIP6 midHolocene simulations” by Chris M. Brierley et al.***

### **Anonymous Referee #1**

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In this manuscript, the authors have evaluated the PMIP4-CMIP6 simulations along with PMIP3-CMIP5 simulations. They found that there is no significant difference in the simulated climate between these two sets of simulations. The manuscript is well written and I would like to suggest this manuscript to be accepted with some minor revision.

Comments: 1. page 2, line 8, change "cooler that" to "cooler than". 2. page 3, figure 3 caption, is 1981-1900 correct? or it should be 1900-1981 or some other time periods. 3. For figure 2, it might be a good idea to add two panels to represent the difference between PMIP4 and PMIP3 as shown in Figure 6. Also, it seems that the standard deviation is not discussed in any detail in the manuscript. If so, those panels could be removed from Figures 2 and 6. 4. It might be a good idea to test the significance for

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Figure 6e,f in stead of just use Figure 10 to show the multi-variables test. 5. For the standard deviation in Figures 2 and 6, it is not clear whether it is calculated from each individual model first, then averaged across models or it is the across model standard deviation.

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