

Clim. Past Discuss., author comment AC1  
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## Reply on CC1

James D. Annan et al.

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Author comment on "A new global surface temperature reconstruction for the Last Glacial Maximum" by James D. Annan et al., Clim. Past Discuss.,  
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Thank you for the comment. While of course we cannot avoid making some comparisons with previous work, we didn't want to focus too much on the differences with Tierney et al as this is just one (albeit the most recent) of the previous reconstructions. But thank you for the suggestion and we will certainly consider making a more detailed comparison with them and perhaps our own previous reconstruction in a revised manuscript.

As for using CESM alone, our method requires an ensemble of model fields as input. So we cannot do this calculation based on the PMIP database alone.