

***Interactive comment on “A new global reconstruction of temperature changes at the Last Glacial Maximum” by J. D. Annan and J. C. Hargreaves***

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When referring to the bias issue I think it is important to understand how a negligible global bias can be understood. Is it supported by the majority of grid points where both data types are available - or is it because a negative bias in low latitudes is compensated by a positive bias in higher latitudes through the global averaging? My point of being sceptical of reconstructed strong SST warming (up to a few degrees) is that - if true - this implies that all models are wrong in these regions (which cannot be ruled out - but still is a rather strong statement). For sure one could ask why having confidence in this type of proxy for other latitudes? As I am no proxy data expert I would leave

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the discussion to the experts in this field - and think that it will be a welcome aspect for many readers of Climate of the Past when the issue of plaeo data uncertainty will be discussed in the final manuscript.

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