

Interactive comment on “What could we learn about climate sensitivity from variability in the surface temperature record?” by James Douglas Annan et al.

James Douglas Annan et al.

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Thank you for the helpful comments. We will note the stronger relationship to transient response, albeit it is not a primitive parameter in our model.

The likelihood comment was a bit of an aside to our main analysis and we believe posterior pdfs are more relevant to comparisons with other work.

As for the Held/Winton citation, thank you for the clarification which has helped to explain something that has long confused the first author, since Held et al appeared to be specifically citing Winton et al as the source of their model (eqns 9 and 10 in Held

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et al).

The other minor errors will be corrected.

Interactive comment on Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2019-90>, 2020.

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