

## ***Interactive comment on “Equilibrium state and sensitivity of the simulated middle-to-late Eocene climate” by Michiel Baatsen et al.***

**Michiel Baatsen et al.**

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We would like to thank the reviewer for the detailed review and comments regarding this paper. The main issues concern the clarity (both in text structure and language) and length of the manuscript. To make an improvement on both points, we will re-write and re-structure the paper in order to make it more focussed. There will be more attention to the model set-up, while the general description and discussion of the results will be more limited. Several figures regarding the spin-up and general circulation will be taken out, to focus on model-proxy and model-model comparisons. The discussion on climate sensitivity will be simplified as well. This will result in an overall shorter, more focussed and better structured paper to meet most of the reviewer's requests.

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A detailed, point-by-point response is given in the added file AR1.pdf

Please also note the supplement to this comment:

<https://www.clim-past-discuss.net/cp-2018-43/cp-2018-43-AC1-supplement.pdf>

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Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2018-43>, 2018.

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