

## ***Interactive comment on “Bayesian calibration of firn densification models” by Vincent Verjans et al.***

**Vincent Verjans et al.**

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The authors would like to thank the reviewer for their comments. We are currently working on revising the manuscript in order to address their remarks. The main comment about sensitivity of the calibration to the climatic forcing is sensible and we focus strongly on this point in our revision. We will address the shortcomings of the Discussion and Conclusion sections that the reviewer pointed out. We hope to complete the revisions as soon as possible and we will provide a more in-depth response to the reviewer once the manuscript will have been updated. Thank you very much for taking the time to review our study.

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Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-274>, 2020.