

Interactive comment on “What climate signal is contained in decadal to centennial scale isotope variations from Antarctic ice cores?” by Thomas Münch and Thomas Laepple

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Thank you for your contribution to the inter-journal special issue ‘Paleoclimate data synthesis and analysis of associated uncertainty’ and for your help to promote open source paleoclimate science.

One of the goals of the special issue on ‘Paleoclimate data synthesis and analysis of associated uncertainty’ is to promote good data stewardship in paleoclimatology. Therefore, the data handling of all contributions to the special issue will be reviewed independently from the normal peer reviews and short comments. While we realise that this may lead to additional work on the authors’ side, we believe that good data

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stewardship is essential to guarantee transparency and reproducibility of the results as well as to promote the reuse of the data. The editors will be requesting evidence that all data presented in the submissions are made available freely and adhere to the FAIR concept (<https://www.nature.com/articles/sdata201618>). This applies to original data, as well as to data compilations and derived data products. Where relevant, authors are asked to adhere to the practice of attributing data to original authors through data citation and encouraged to share code used to treat original data and generate derived data products.

Specific comments for ‘What climate signal is contained in decadal to centennial scale isotope variations from Antarctic ice cores?’ By Muench and Laepple.

Even though the manuscript is based on data that have already been published elsewhere, the following points will add to the reproducibility of your results:

- Please include a data availability statement, including data citations, for the data used (DML and WAIS ice cores and ERA Interim reanalysis data).
- Please consider to make code used in your study publicly available in online repository.

With kind regards,

Lukas Jonkers On behalf of the editorial team.

Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2018-112>, 2018.

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