

List of all relevant changes made in the manuscript "Synchronizing ice-core and U/Th time scales in the Last Glacial Maximum using Hulu Cave 14C and new 10Be measurements from Greenland and Antarctica"

- Following the request by the reviewers, the introduction was restructured and shortened. Sections too technical were moved to the methods or discussion parts, while sections that were outside the scope of the manuscript were removed.
- The goal of the paper was rephrased in the introduction.
- A new figure 1 was added, in lieu of the table proposed by the 1st referee, to describe the climatic stages of the introduction.
- A reference to ages BP was added to explain the age conversion.
- All figure captions were shortened.
- In the methods, paragraph exceeding the scope of the paper were removed.
- All figures were edited for colour blindness and clarity.
- 95% uncertainty intervals were explicitly mentioned in the results, but we decided to keep the 68% intervals throughout to not undermine the result of the paper.
- We reduced the use of abbreviations.
- We added a comment on the Hulu timescale accuracy in discussion 4.3.
- We remarked on the outlook for the uncertainties in the conclusion paragraph.
- All other minor comments were addressed.

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