

Interactive comment on “Sub-millennial climate variability during MIS 11 revealed by high resolution EPICA Dome C isotopic data – a comparison with the Holocene” by K. Pol et al.

K. Pol et al.

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Dear Editor

Please find attached our response to the reviewers' comments on our manuscript cp-2010-58 - by Pol et al., for which the title has been modified into: "Links between MIS 11 millennial to sub-millennial climate variability and long term trends, as revealed by new high resolution EPICA Dome C deuterium data – A comparison with the Holocene".

We have carefully considered the comments of the two reviewers. The manuscript has in consequent been revised and has in particular benefited form the reviewer 1's suggestions. While we agree with the reviewer 2's main point regarding age-scale

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errors, we underline the fact that we do not have abilities at present time to conduct the requested supplementary tests. We think that such a study deserves a dedicated work that should be addressed in a separate paper. We are however aware of the impacts of such age-scale uncertainties on our variability analyses; that's why they are partly tested and discussed in our manuscript.

A detailed letter explaining the manuscript changes and answering each point of the reviewers' comments is enclosed, associated to the revised version of our manuscript. We hope that the brought changes may suit to your recommandations for a publication in Climate of the Past.

Sincerely,

The authors.

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/6/C1509/2011/cpd-6-C1509-2011-supplement.pdf>

Interactive comment on Clim. Past Discuss., 6, 1777, 2010.