ESSDD

Interactive
comment

Interactive comment on "The Iso2k Database: A global compilation of paleo-δ^{18}O and δ^2H records to aid understanding of Common Era climate" *by* Bronwen L. Konecky et al.

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Dear Authors,

I think you present a well prepared product worth publishing, however looking through the data I noticed a few points that could be clarified before publication.

- if I look at the 3 serialisations, I see that the R and matlab versions contain d, TS and sTS, however the python pickle only contains D and TS

```
>>> infile = open('iso2k0_14_2.pkl','rb')
```

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Discussion paper

```
>>> iso2k_dict = pickle.load(infile)
>>> iso2k_dict.keys()
dict_keys(['D', 'TS'])
```

does that have any relevance? please clarify

- directly regarding those: I have not found in the paper what D TS and sTS stand for. For the undiscerning user, this is confusing.

- your dataset at figshare makes no mention of the ESSD paper and the data are not well described at the repository. Whoever stumbles uppon your data there will be at a loss. Could you add a little data description or a readme file to the repository? The very good metadata spreadsheet you provide is also missing there.

- lastly, for final publication, it would be very helpfull to provide a short sample code for the other two serialisations as well (in a free matlab implementation like octave, and python). I don't think they would have to be as extensive as the R sample. (This may also resolve issue number one, maybe you handle the m files differently)

best regards

Interactive comment on Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2020-5, 2020.