

Comment on **essd-2022-410**

Anonymous Referee #1

Referee comment on "A global database on holdover time of lightning-ignited wildfires" by Jose V. Moris et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2022-410-RC1>, 2023

The paper is dedicated to the description of the construction and structure of a global database of lightning-ignited wildfire (LIW) holdover times collected from a large number of studies during the last century in different regions. The investigation of LIWs characteristics, especially on the background of global climate change is a topic of highly relevance and interest. Moreover, this database is the first freely available and usable in its current format. Since this data set is the first one and unique, it is probably incomplete, but it can be assumed that it will be constantly updated in the future, of course. Even now, the database on holdover has diverse potential applications. This database undoubtedly may become a significant data source for researchers interested in studying LIWs.

However, I have some points that are unclear for me.

- May be, it is worth to exclude Table 3 and Table 4 from the text? They are already presented in the database. Or if the authors want to provide an example of data, probably it will be better to make the Tables shorter? However, this is just a suggestion, it is on the authors' decision.
- What concerns Table 4, as I understood non-censored data also could be derived from the censored data? For what purposes non-censored data are provided (in Table 4 and in the database, in general)? Moreover, non-censored data are not discussed and analyzed in the text. How one can use them?

In general, the article is well structured and clear, the language consistent and precise. The article is appropriate to support the publication of a data set.

Best regards