

## ***Interactive comment on “LIVVkit 2.1: Automated and extensible ice sheet model validation” by Katherine J. Evans et al.***

### **Anonymous Referee #2**

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- 1) The acronym LIVVkit is used many times, in the abstract, title, and body, but the name is never written out in long form, so the reader cant know what its supposed to mean.
- 2) p2 l13: the acronym ESM is put after the second instance of using the term Earth system model, but should be after the first instance on line 8.
- 3) p4 l9: The citation for jhkennedy/cism-data uses a different font then the rest of the paper and citations, this should be changed to the same font used elsewhere. This same inconsistency shows up in the citation on p26 l29.
- 4) p4 l10: The method described for obtaining the LIVVkit data, "a host of publicly available sources" is described in the LIVVkit docu-

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mentation "Verification" section as the following wget command: "wget jhkennedy.org/sites/default/files/LIVVkit/livvkit2.0.0\_example\_dataset.tar.gz" this command returns a 404 not found error. The data link should be fixed in the repo, or the citation here should be changed to point to the correct current location.

- 5) p6 l18: Instead of "It does this," change this to "LIVVkit does this."
- 6) p8 l17: The paper claims that "LIVVkit provides a set of single execution, task-parallel postprocessing (bash) scripts" but after looking though the github repo and documentation I couldn't find anything like this. Please provide a citation of where to find these scripts.
- 7) p8 l26: NCO works with non-gridded data as well.
- 8) p9 l21: LCF should be pluralized.
- 9) Figures: I would suggest a different color pallet, for example selecting one that is able to be easily read by the color blind. See <http://www.somersault1824.com/tips-for-designing-scientific-figures-for-color-blind-readers/> The color pallet used in fig5 is much better then the one used for fig2 and fig4
- 10) p15: The spacing table2 and the text below it should be increased to match fig5 and its corresponding text.
- 11) There's inconsistency on how RACMO version 2.3 is denoted throughout the paper. In places its called "RACMO version 2.3" in others "RACMO2.3" or "RACMO 2.3"
- 12) p21: the pagination marker for page 21 is on top of the text for fig13. The figure should be raised up so they dont overlap each other.

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2018-70>, 2018.

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