Climate
of the Past
Discussions

CPD

Interactive
comment

Interactive comment on "The weather behind the words. New methodologies for integrated hydrometeorological reconstruction through documentary sources" *by* Salvador Gil-Guirado et al.

Anonymous Referee #1

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Guil-Guirado et al. present in this manuscript a new and interesting methodology to infer climatic conditions in the past through historical documents. In addition, they compare it with the most commonly used methodologies to infer past climate variability with historical documents, including appealing results. The manuscript is consistent and the results are robust, although I suggest some changes to facilitate its reading and compression before being published. In addition, the manuscript needs a thorough revision of the language. Shortening the sentences and making a section with all the acronyms would benefit the manuscript comprehension too.

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Discussion paper

Right now the methodology is rather confusing. I would suggest clarifying it by doing flow diagrams for each of the proposed methodologies (Page 8). Then, it would be very convenient to make an annex or table with the acronyms. Another important point is to include the whole methodology in the corresponding section. Sections 4.3 and 4.4 contain information on the methodology which should be included, for example, as section 3.4. Climate analysis of drought series.

Some minor comments; Line 29/1. Define and cite WMO. Line 6/2. Please rephrase. Line 25/2. You might want to replace further by improve. Line 9/9. have promoted.. Line 15/14. La? Table 1 (Page14). To improve the visibility, I would suggest to plot it in columns following the color code of the next figures. Lines 1-5/22. What are the potential climatic implications of such cycles? e.g. Solar irradiation? Line 18. period IN the.. Line 8/23. Results section again? I guess it should be discussion instead. Please be attentive to all details before submitting a manuscript.

Interactive comment on Clim. Past Discuss., https://doi.org/10.5194/cp-2019-1, 2019.