Clim. Past Discuss.,
https://doi.org/10.5194/cp-2019-114-AC1, 2020

Climate of the Past Discussions

Interactive comment on "Droughts in Bern and in Rouen from the 14th to the beginning of the 18th century derived from documentary evidence" *by* C. Camenisch and M. Salvisberg

C. Camenisch and M. Salvisberg

chantal.camenisch@hist.unibe.ch

Received and published: 7 February 2020

Many thanks for your kind and helpful comments, we appreciate them very much.

Referee #1: 1) The authors are missing a number of recent important studies regarding historical droughts in Europe. While they are pretty well aware of the research in historical climatology, they are missing works in other fields of high-resolution palaeoclimate science.

*Response: Many thanks for this useful and necessary comment. We open the focus of our state of the art to other fields and add the respective recent publications on

drought reconstruction.

Referee #1: 2) I am lacking a quantitative comparison between the new documentary-based drought reconstructions and the tree-ring based Old World Drought Atlas. Without such a quantitative comparison it is very hard – or even impossible – to really know the nature of the similarities and disagreements.

*Response: Many thanks also for this very useful comment. Of course, we agree and add such quantitative comparisons.

Referee #1: 3) Several of the figures are totally unreadable (and unpublishable). For example, the years are overlapping with each other so it cannot be read: much longer increments (say, 25 years) are needed for a clearer visualization. I also recommend the authors to look at articles in Climate of the Past for getting inspiration how to improve the graphs.

*Response: Many thanks for these remarks. We will improve the figures.

Referee #1: Minor comments: Line 7: Droughts can also be temperature-driven without a decrease in precipitation. I also would consider it an overstatement that droughts belong to the most dangerous natural hazards.

*Response: We will rephrase this sentence.

Referee #1: Minor comments: Lines 40–42: Add citations to Seftigen et al. 2017, Helama et al. (2009) and Ljungqvist et al. (2019, ERL) here.

*Response: We will add these references.

Interactive comment on Clim. Past Discuss., https://doi.org/10.5194/cp-2019-114, 2019.