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Interactive comment on "Temperature variability of the Iberian Range since 1602 inferred from tree-ring records" *by* E. Tejedor et al.

Anonymous Referee #3

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I find this paper intends to show and interesting matter, it is well written, and with a good quality of figures. Only some typos need to be corrected. However, there are some aspects that need clarification before the paper can be ready for publication, and some of them make me doubt about the validity of the results.

First of all, I wonder what the real objective of the paper is. On the one hand, different standardization methods are tested, and on the other hand the authors perform a reconstruction of a climatic variable. Though I can understand that this is a necessary step to provide a reliable reconstruction, I do not see that has this been brought in detail into the discussion, especially as regards the first two methods. But my main concern regards the variable selected for reconstruction. Though statistics seem to me optimal, I am not able to figure out what the causes for the existent relationship could be (21 month temperature). Explanations in the Discussion are too weak to be convincing,

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and I think this aspect needs to be much better clarified or hypothesized.

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