

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

Anonymous Referee #2

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The manuscript presents climate reconstruction for the 1602-2012 period for previously less explored part of the Iberian Peninsula. The authors used a new standardization method based on the basal area. The applied detrending improved the quality of the reconstruction since the size-based standardization maximizes the common signal. The presented reconstruction fills the gap in climatic reconstructions in the area vastly affected by climate change where long term climatic records (and old trees) are very rare.

The first version of the ms contained numerous small errors. Some of them were already commented by the referee #1. The authors have responded to them. Their response is to my opinion adequate. The authors presented their response and submitted an improved version of the manuscript. The errors are now corrected, although they generally did not affect the message (result and conclusions) of the manuscript.

C1

The chronology is to my opinion well constructed and I agree with the response of the authors. The fact that they used different species has been adequately justified already in the first version of the ms. This is a common praxis if the chronologies match well - this is the case in this ms.

Both versions of the ms contain small errors (mainly language and style) which should be corrected at the end of the interactive review process.

Interactive comment on Clim. Past Discuss., doi:10.5194/cp-2016-9, 2016.

C2