

Interactive comment on “The impact of drought on the productivity of two rainfed crops in Spain” by Marina Peña-Gallardo et al.

Anonymous Referee #1

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This article is interesting by combining data from different drought indices and yield of two crops at district level in region with water insufficiency. The methods used for statistical analysis of data sets are reasonable and provide an original contribution to the regional crop-loss and drought assessment in Spain. I have a few comments that need clarification before the paper can be considered for publication:

- Line 127: Please re-write SYR as SYRS. Moreover, the short name of the SYRS (standardised yield residuals series) was firstly introduced by Potopova et al. 2015. - Please include in sec 2.1 as example plots with temporal trends of wheat and barley (t/ha) and plots with temporal evolution of SYRS of wheat and barley during the study period. - Line 177: The citation of polynomial correlation coeff. not be included, it is well known. - References: Please carefully check your references. Some reference

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are having the wrong names throughout the text and the References section, For ex. Potop, 2011.

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