

Interactive comment on “Simulating the temperature and precipitation signal in an Alpine ice core” by S. Brönnimann et al.

S. Brönnimann et al.

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Reviewer 1, Minor points 6113-8: More details are given based on the paper by Mariani et al. (2013), including correlations between temperature and $d18O$, monthly-precipitation weighted temperatures, the correlation of accumulation with precipitation, and on the possible dating/timing problem of the Fiescherhorn core.

6113-11: True, temperature exhibits a larger scale. The sentence is changed.

6113-17: Sentence is changed.

6113-27: Strictly, all processes must be stationary (or errors must cancel exactly) in order for the total relation to be stationary.

C3723

6114-20. Thank you.

6116-24: Further analyses will be provided on the number of agreeing precipitation days.

6123-7: We quantify this in terms of the associated change in the mean seasonal cycle. In Section 4.6 we then additionally use a new weather generator.

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