Comment on "Hockey sticks, principal components, and spurious significance" by S. McIntyre and R. McKitrick

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Summary

Climate reconstructions based on proxy records require steps of standardization of the different series prior to their calibration to instrumental data. In a recent publication in GRL, McIntyre and McKitrick [2005a] suggested that the procedure applied to North American tree ring records led to a systematic bias in the famous hockey stick series of Northern Hemisphere temperature [Mann et al. 1998]. We show that this claim is unfounded, and that a proper standardization, independent of the reference period applied, leads to essentially the same result.

Use R-Code of MBH Reconstruction

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