

## ***Interactive comment on “Tree-ring reconstruction of seasonal mean minimum temperature at Mt. Yaoshan, China, since 1873 and its relevance to 20th-century warming” by Y. Liu et al.***

**Y. Liu et al.**

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Reply to Paul Krusic-2: Q.B Zhang has a point regarding significance, and I agree the authors could make a stronger case by including more information from the network mentioned in the introduction, specifically how this new site compares to extant collections in the immediate and greater neighborhood. I found the attention given to millennial length, northern Hemisphere reconstructions inappropriate for introducing a 137 yr. chronology. I think a better preamble would be one that highlights the local/regional work, which would most definitely include Kaufman et al and Cook et al. Though Kaufman et al and Cook et al are summer Ave. Tmp. reconstructions, they are

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also purportedly for the same region and publicly available.

[Reply] We have cited these two papers. See Line 69-70.

In the case of Cook et al there is likely a summer grid-point reconstruction within a few km of Mt. Yaoshan. I think it would be interesting to see how the three reconstructions compare, directly and over time. –pjk

[Reply] We added a sub-plot of comparison between the Tmin\_DJ reconstruction and Kaufman's summer minimum temperature in Figure 10d. However, two curves did not show synchronous variation pattern. We think our reconstruction represented the local climate condition, but Kaufman's was the Asian regional summer minimum temperature. About Cook et al, we cannot get the data from the website. Sorry Paul.

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Interactive comment on Clim. Past Discuss., 10, 859, 2014.

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