

## ***Interactive comment on “Automated ice-core layer-counting with strong univariate signals” by J. J. Wheatley et al.***

**Anonymous Referee #1**

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The authors have dealt with all main issues raised in my review ... some in an adequate way and others in an very impressive way. I encourage the authors to integrate at least one of the additional NGRIP-data-based tests in the main manuscript (and provide a comparison to the published GICC05 annual layer count across the same section) and supply the other(s) as suppl. mat. or appendix.

I acknowledge that this may require some merging/reworking of figures and some "thinning" of the figures in the original manuscript and the supplement in order to make room for everything, but I think it is worth the effort as the extended manuscript makes a much better case of why the method is interesting and worth publishing. For the NGRIP tests, for example, only figures A6-A9 are really needed.

With the additions and adjustments above and outlined in the authors' comments to  
C1275

the review, I gladly recommend publication of this scientifically significant work.

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Interactive comment on Clim. Past Discuss., 8, 2477, 2012.