

Interactive comment on “Retrieval of Canopy component temperatures through Bayesian inversion of directional thermal measurements” by J. Timmermans et al.

Anonymous Referee #2

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The idea is very good trying to retrieve the four-component temperature using multian-gular thermal data. The method is reasonable and provides a systematical accuracy assesment.

Although I agree that the success rate is a good indication, I am expecting a short compar-isons among the four-component temperatures. For example,I did not see clearly the seperate inversion error of the sunlit leaf temperature. And, which component has the largest error? Also, it will be better to condiser the error from 4SAIL model itself for assuming the heterogeneous canopies as homogeneous ones.

In addition, I found some minor language mistakes, such as the citation error of the

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figure number and equation number, and spelling error "the measured en modelled". I guess it will be corrected in the revised version.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 6, 3007, 2009.