

Interactive comment on “Linking glacier annual mass balance and glacier albedo retrieved from MODIS data” by M. Dumont et al.

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Dear,

Sorry for this add-on, but I noticed I have forgotten to include a comment in my already submitted review RC C1759 of 02 Oct 2012.

p2362, L10-12: when minimizing $D_{VIS}^2 + D_{IR}^2$ you assign less weight to each VIS band (i.e., only one third) than to each IR band (i.e., a half) in the spectral matching. First, I don't see any specific reason for that as I assume each band can have equal weights. Secondly, I think it is perhaps useful to discuss this shortly and, in the future, look at more advanced band weighting in function of the information content of each band (e.g., Somers et al. A weighted linear spectral mixture analysis approach to address

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endmember variability in agricultural production systems. *Int J Remote Sens* (2009) vol. 30 (1) pp. 139-147).

Interactive comment on The Cryosphere Discuss., 6, 2363, 2012.