Interactive comment on “Validation of an AOT product over land at the 0.6 µm channel of the SEVIRI sensor onboard MSG” by E. Bernard et al.

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Recently it has been reported that SEVIRI 0.6-µm radiance measurements may have 6~7% of low bias against MODIS measurements (Ham and Sohn, 2011; Doelling et al., 2004). This low bias of SEVIRI radiances could partly contribute to differences between SEVIRI and MODIS AOTs (Figs. 8 and 12). Moreover, in Fig. 4, except cloud contamination, many points are located below one-to-one line (SEVIRI AOT < AERONET AOT), which may be related to low bias of SEVIRI radiance measurements. Authors should address the possible impact of SEVIRI calibration errors on their results.

References:

