

***Interactive comment on “Temporal and spectral variation of desert dust and biomass burning aerosol scenes from 1995–2000 using GOME” by M. de Graaf et al.***

**M. de Graaf et al.**

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Referee #1 is thanked for the review of the manuscript. The referee repeats the main conclusions of the manuscript and agrees with the conclusion that the presented method of aerosol classification, using a combination of UV and visible wavelengths, is primarily controlled by surface albedo. The problem of aerosol classification is long-standing, and the results of the method and the presentation of the GOME AAI time series are new. In the revised manuscript the argumentations and conclusions are stated more clearly.

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