

Interactive
Comment

Interactive comment on “Identification of key aerosol populations through their size and composition resolved spectral scattering and absorption” by F. Costabile et al.

Anonymous Referee #1

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This is an interesting paper and should be published. It's a bit difficult to read due to the large number of abbreviations and acronyms. However the figures do show a separation of the data into different aerosol types which could be useful.

The authors use a new parameter of dSSA times AAE which has the effect of differentiating between increasing SSA (dust) and decreasing SSA (BC). It would be useful if they would also plot the data as AAE and EAE following Russell et al (2010) to show the difference between the two different ways of analyzing the data.

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 17503, 2012.

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Interactive Discussion

Discussion Paper

