

Interactive comment on “The importance of temporal collocation for the evaluation of aerosol models with observations” by N. A. J. Schutgens et al.

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The comment was uploaded in the form of a supplement:
<http://www.atmos-chem-phys-discuss.net/15/C11271/2016/acpd-15-C11271-2016-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., 15, 26191, 2015.

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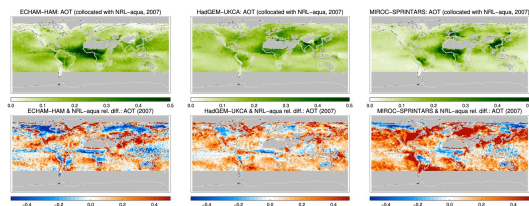


Figure 1: Top row shows global map of yearly mean of model AOT colocated with MODIS-NRL Aqua AOT data. Bottom row shows the relative temporal sampling error using MODIS-NRL Aqua AOT sampling. Grey colors indicate no observations available. This corresponds to Fig 8 in the original manuscript.

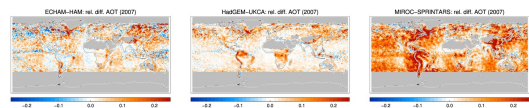


Figure 2: Relative temporal sampling error using MODIS-NRL Aqua AOT sampling. The yearly averages are constructed from daily data, excluding days for which no observations were present. This figure can be compared to the bottom row of Fig. 1 (but note that the colour bar has half its range). Grey colors indicate no observations available.

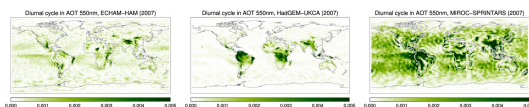


Figure 3: Global maps of the relative importance of the diurnal cycle: the ratio of power at a period of 1 day to total power for AOT time-series. This corresponds to Fig 4 in the original manuscript.

Fig. 1.

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