



*Supplement of*

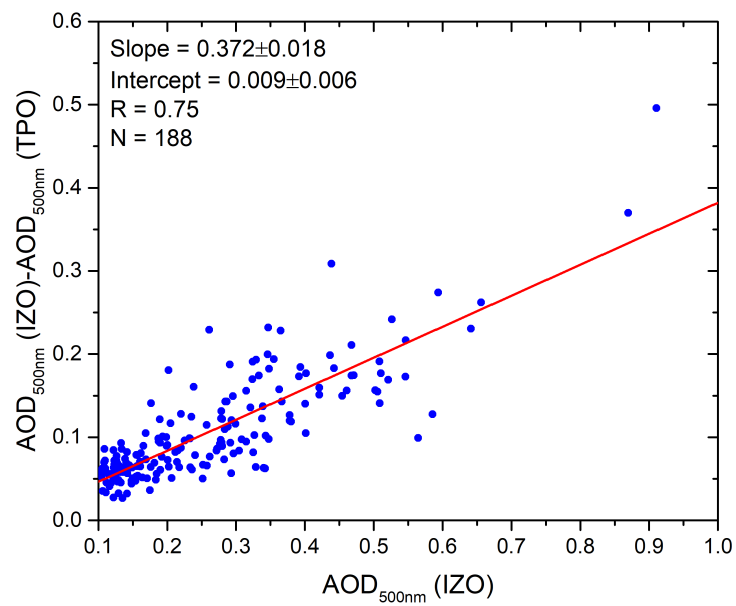
## **Aerosol characterisation in the subtropical eastern North Atlantic region using long-term AERONET measurements**

**África Barreto et al.**

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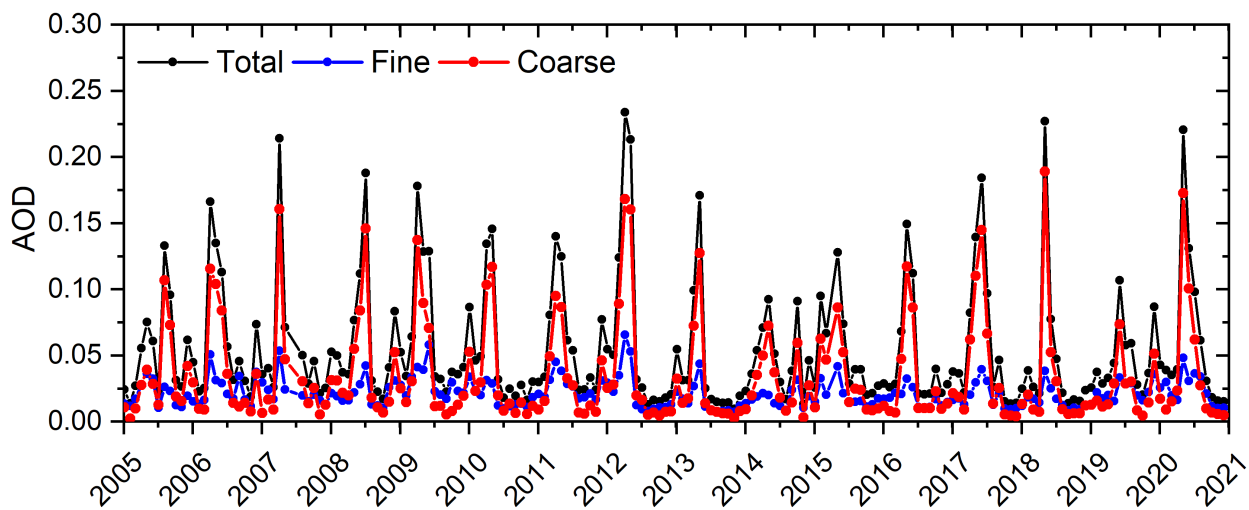
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## S1 Dust-laden conditions at IZO and TPO

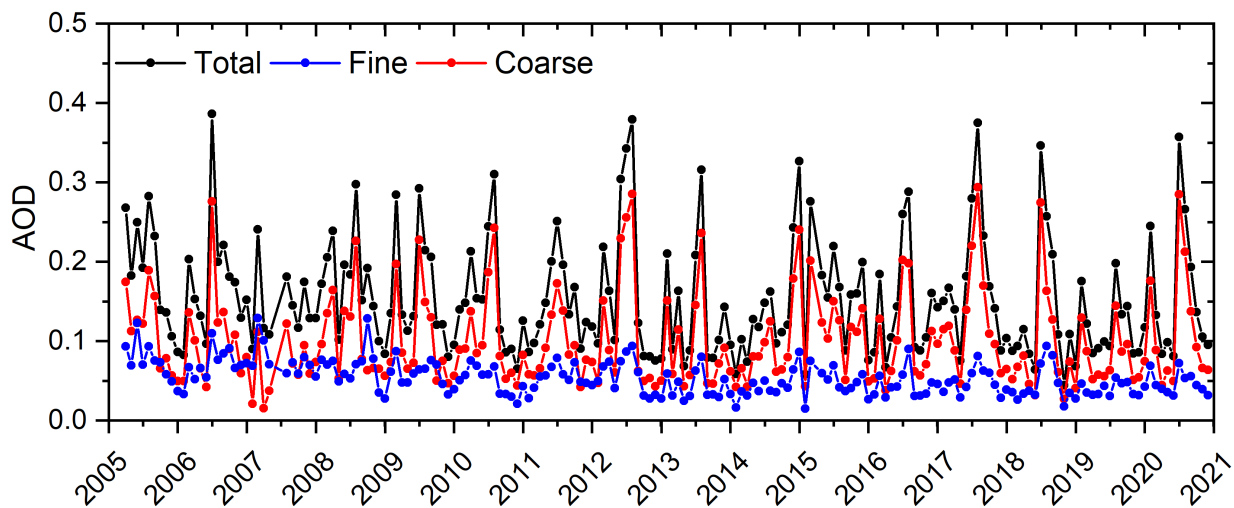


**Figure S1.** Scatterplot of the difference between  $AOD_{500nm}$  performed at IZO and TPO under dust-laden conditions versus  $AOD_{500nm}$  performed at IZO. The fitting parameters are shown in the legend. R is the Pearson correlation and N is the number of data points.

## S2 Long-Term trends



**Figure S2.** Series of monthly mean values of total (black), fine (blue) and coarse-mode AOD (red) at IZO between 2005 and 2020.



**Figure S3.** Series of monthly mean values of total (black), fine (blue) and coarse-mode AOD (red) at SCO between 2006 and 2020.