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Supplement of

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

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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 PTO 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.