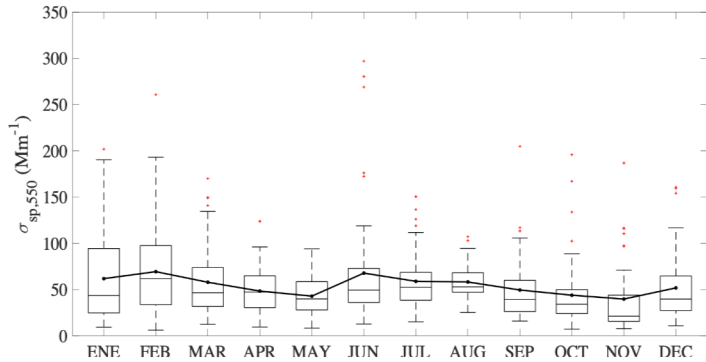


Analysis of the integrated and angular aerosol scattering coefficients at Valencia (Spain)

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- TSI 3563 and Aurora 3000 neph, 11 years, dry condition at 550 nm.
- The annual average of total scattering coefficient is $54 \pm 11 Mm^{-1}$
- Higher values in summer (jun-jul) and winter (jan-feb) months.
- Combined influence of mixing layer and saharan dust effects.

Angular scattering coefficients measured with a new Aurora 4000 have been classified according to dominant air masses:

- Angular scattering in African air masses (AF) is less wavelength dependent and have higher asymmetry parameter.
- Angular scattering in European air masses (EU) are more wavelength dependent and has lower asymmetry parameter.
- Air masses originated in north Atlantic (AR) are cleanest.

