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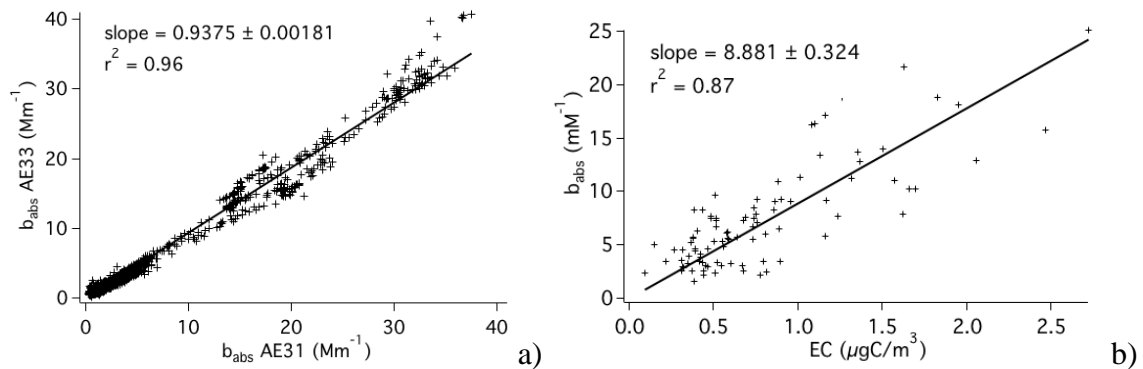
## **Two years of near real-time chemical composition of submicron aerosols in the region of Paris using an Aerosol Chemical Speciation Monitor (ACSM) and a multi-wavelength Aethalometer**

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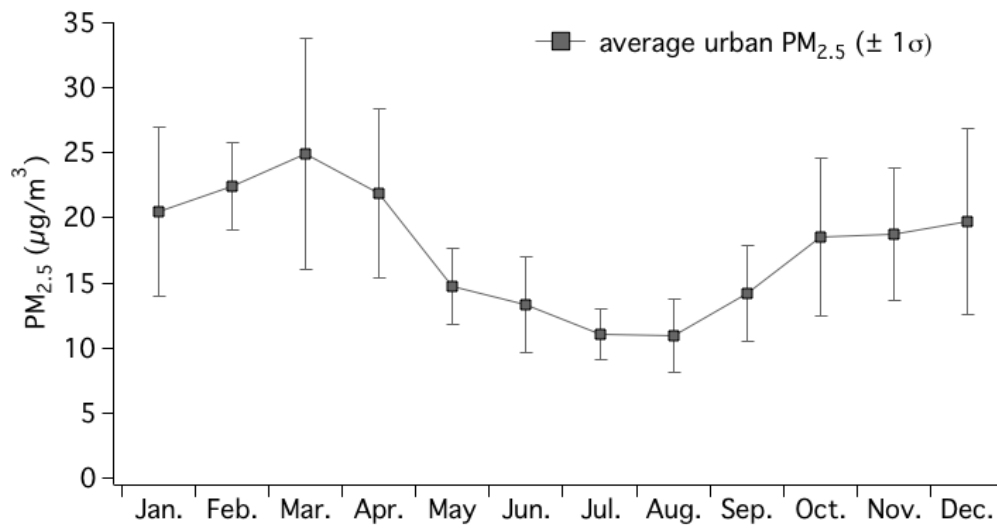
# 1 Supplementary Information

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4 Fig. S1: a) Scatter plot of absorption coefficients at 880 nm measured by the AE31 and AE33  
5 instruments during early February 2013. 1-min AE33 data were averaged on the timescale (5  
6 min) of the AE31 data; b) Mass Absorption Cross-section determination from the comparison  
7 of Elemental Carbon concentrations (EUSAAR2) from daily filters and  $b_{\text{abs}}$  from  
8 Aethalometer data.

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11 Fig. S2: Monthly averaged urban  $\text{PM}_{2.5}$  concentrations (Bobigny, Gennevilliers and Ivry-sur-  
12 Seine stations) calculated from January 2007 to December 2013