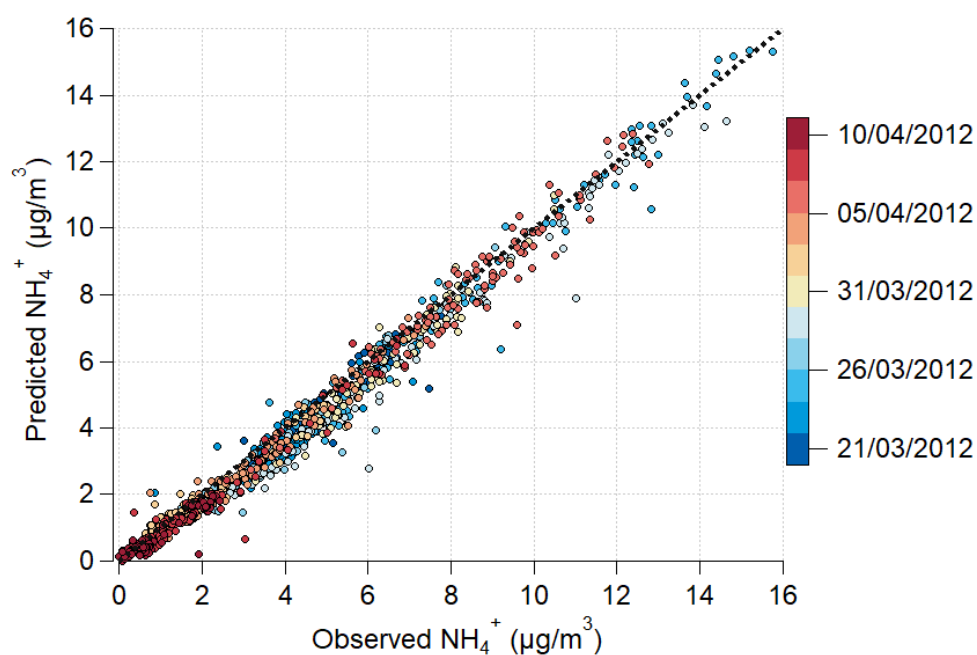


Supplementary Material



**Figure S1.** Scatter of concentrations (μg/m<sup>3</sup>) of predicted NH<sub>4</sub><sup>+</sup> cations needed for neutralization and NH<sub>4</sub><sup>+</sup> cations observed at the Palaiseau site in the Paris region from 21 March to 10 April 2012. As stated in Middlebrook et al. (2012) and done by Petit et al. (2015), predicted NH<sub>4</sub><sup>+</sup> are derived accounting for the concentrations of anions (NO<sub>3</sub><sup>-</sup> and SO<sub>4</sub><sup>2-</sup>) that may neutralize ammonium cations in this region and period.

**References:**

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