

The editor's comments:

Please follow the ACP guidelines carefully (<https://www.atmospheric-chemistry-and-physics.net/submission.html>) to correct the mathematical notation and terminology, English, Figures & tables, and reference. For example, units in Table 1 are wrong and also in a wrong format in the main text. R^2 should be defined at the first occurrence and be italic. The equation format looks terrible and doesn't match with the text format of variables or non-variables. The linear regression method should be clarified. It is better to name figures in SI differently (e.g., Fig. SX instead of Fig. X to avoid confusion). The reference format also has problems (e.g., title capitalization and subscript, doi and journal format, etc.).

Response: Thank you for your comments. We have updated all the figures following the ACP guideline. We corrected the units and the format of " R^2 " in Table 1, in the main text, and in figures. We added the definition of R^2 and corrected the locations of definition on other abbreviations. We adjusted the format of equations and added equations of the gap-filling linear regressions. We changed the figure names in SI as suggested and corrected the reference format. We noticed that Word compressed some figures leading to poor figure quality, thus we attached the figures in their original formats.