



## Corrigendum to “High-resolution (0.05° × 0.05°) NO<sub>x</sub> emissions in the Yangtze River Delta inferred from OMI” published in Atmos. Chem. Phys., 19, 12835–12856, 2019

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In Appendix C, Eqs. (C1), (C3), and (C5) should read as follows:

$$P(\text{HO}_x) = k_1 C_{\text{OH}} C_{\text{NO}_2} + \alpha k_{2\text{eff}} \frac{k_1 C_{\text{NMVOC}} C_{\text{OH}}}{k_{2\text{eff}} C_{\text{NO}}} C_{\text{NO}} + 6k_{3\text{eff}} \left( \frac{k_1 C_{\text{NMVOC}} C_{\text{OH}}}{k_{2\text{eff}} C_{\text{NO}}} \right)^2, \quad (\text{C1})$$

$$\frac{a' \cdot C_{\text{NO}_2}}{\tau_c} + \frac{b'}{\tau_c} + c' \left( \frac{1}{\tau_c \cdot C_{\text{NO}_2}} \right)^2 = 1, \quad (\text{C3})$$

$$-a'(rL + kC_{\text{NO}_2}) - b' \left( \frac{rL}{C_{\text{NO}_2}} + k \right) + c' \left( \frac{rL + kC_{\text{NO}_2}}{(C_{\text{NO}_2})^2} \right)^2 = 1. \quad (\text{C5})$$

None of the errors in any of these equations affected our results because our computational code used the correct equations.