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Corrigendum to
"Radical chemistry at night: comparisons between observed and modelled HO_x, NO_3 and N_2O_5 during the RONOCO project" published in Atmos. Chem. Phys., 14, 1299–1321, 2014

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We discovered an error in Eq. (2) of the paper, which incorrectly states that the gas-phase diffusion coefficient, D_g, is given by

$$D_g = \frac{3}{N_A d_g^2 \rho_{air}} \sqrt{\frac{RTm_{air}}{2\pi}\left(\frac{m_g + m_{air}}{m_g}\right)}, \quad (2)$$

where N_A is Avogadro's number, d_g is the diameter of the gas molecule, ρ_{air} is the density of air, R is the gas constant, and m_g and m_{air} are the molar masses of gas and air, respectively.

The correct formula, as used in the calculations presented in the paper, is

$$D_g = \frac{3}{8 N_A d_g^2 \rho_{air}} \sqrt{\frac{RTm_{air}}{2\pi}\left(\frac{m_g + m_{air}}{m_g}\right)}. \quad (2)$$

We apologise for any inconvenience.

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