PCCP



CORRECTION

View Article Online



Cite this: *Phys. Chem. Chem. Phys.*, 2024, **26**, 20717

Correction: Simple, accurate, adjustable-parameterfree prediction of NMR shifts for molecules in solution

Emlyn M. Hoyt, Lachlan O. Smith and Deborah L. Crittenden*

DOI: 10.1039/d4cp90128b

rsc.li/pccp

Correction for 'Simple, accurate, adjustable-parameter-free prediction of NMR shifts for molecules in solution' by Emlyn M. Hoyt *et al.*, *Phys. Chem. Chem. Phys.*, 2023, **25**, 9952–9957, **https://doi.org/10.1039/D3CP00721A**.

Eqn (2) and (3) were displayed incorrectly. The correct equations are shown here:

$$m = \frac{\delta_{\text{expt}}(1) - \delta_{\text{expt}}(2)}{\sigma_{\text{calc}}(1) - \sigma_{\text{calc}}(2)}$$
(2)

$$b = \frac{\sigma_{\text{calc}}(1)\delta_{\text{expt}}(2) - \sigma_{\text{calc}}(2)\delta_{\text{expt}}(1)}{\sigma_{\text{calc}}(1) - \sigma_{\text{calc}}(2)}$$
(3)

Additionally, the y-axis labels in Fig. 1 were shown incorrectly. The correct figure is shown herein.

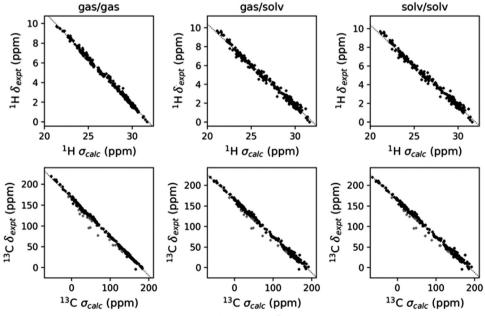


Fig. 1 Computed (B3LYP/pcS-2) shieldings vs. experimental shifts for ¹H (top) and ¹³C (bottom) nuclei. Shieldings were computed (left) in the gas phase, (middle) applying a continuum solvation model at the gas phase optimized geometry, and (right) with a continuum solvation model applied throughout. Data points corresponding to ¹³C nuclei adjacent to sulfur or chlorine atoms are shaded grey.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

School of Physical and Chemical Sciences, University of Canterbury, Christchurch 8140, New Zealand. E-mail: crittenden@canterbury.ac.nz