

CORRECTION

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Correction: Universal kinetic solvent effects in acid-catalyzed reactions of biomass-derived oxygenates

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Correction for 'Universal kinetic solvent effects in acid-catalyzed reactions of biomass-derived oxygenates' by Theodore W. Walker *et al.*, *Energy Environ. Sci.*, 2018, **11**, 617–628.

Simulation results were incorrectly reported for 1,3-propanediol rather than 1,2-propanediol, leading to incorrect values in Scheme 1, Fig. 2(b), Tables 2–4, and Fig. 7. All values have been updated and include only small changes. We emphasize that updating the results with the correct simulation measurables slightly improves the agreement between simulations and experiments shown in Fig. 7, as expected. Therefore, the conclusions of the publication are unaffected.

Specific changes include (new values in **bold**):

- Scheme 1: The accessible hydroxyl fraction (δ) for 1,2-propanediol (PDO) should read: **0.42**.
- Fig. 2(b): The accessible hydroxyl fraction (δ) for 1,2-propanediol (PDO) should read: **0.42**. The caption should read "...(a) solvent composition in aqueous mixtures of **DIO**, **GVL** and **THF**..."
- Table 2: The fourth column (labeled as PDO) should read from top to bottom: **0.98, 1.00, 0.55**.
- Table 3: The row corresponding to PDO in DIO should read from left to right: **0.96, 0.06**. The row corresponding to PDO in GVL should read from left to right: **0.99, 0.07**.
- In the paragraph before eqn (9), "σ resulted in a slope of 0.71" should read "σ resulted in a slope of **0.73**".
- In the paragraph starting with "Fig. 7(a)...", "slope of 0.88 and RMSE of 0.24" should read "slope of **0.89** and RMSE of **0.23**".

In the same paragraph, "test set RMSE is 0.13" should read "test set RMSE is **0.12**".

The values in Tables S5–S9 and Fig. S7–S9 of the Electronic Supporting Information have been updated to the correct simulation values. Finally, minor corrections were made to the references:

- In the sentence beginning "Vlachos and co-workers..." the reference should read: **28**.
- Reference 3 should read: C. E. Wyman, S. R. Decker, M. E. Himmel, J. W. Brady, C. E. Skopec and L. Viikari, in *Polysaccharides*, ed. S. Dumitriu, Marcel Dekker, New York, 2nd edn, 2005, pp. 995–1033.

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

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