

Retraction Note: New land-use-change emissions indicate a declining CO₂ airborne fraction

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 Check for updates

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The Matters Arising paper by Bennedsen et al.¹ has revealed flaws in the Monte Carlo setup we used to assess the significance of the trend in the CO₂ airborne fraction. In our paper we showed that this trend becomes negative if we use our new findings on emissions from land use and land use change to construct the airborne fraction. We acknowledge that the statistical approach needs to be corrected and therefore accept a retraction as requested by the editor. We have recently revised our statistical approach, which was done in close collaboration with the authors of the Matters Arising paper. Our results have become more robust and we will re-submit these solidified findings in a corrected paper.

1. Bennedsen, M., Hillebrand, E. & Koopman, S. J. On the evidence of a trend in the CO₂ airborne fraction. *Nature* **616**, E1–E3 (2023).

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