

February 13, 2026

Dear Editor at Geoscientific Model Development,

We have uploaded our final manuscript and figure files for publication in GMD. During final proofing, we corrected minor issues, i.e., punctuation and formatting. However, we identified one sentence in Section 3.4.1 (line 720) that should be removed and that does not impact the findings of the manuscript:

"In contrast, the impact of entrainment is sharply localized to the cloud top, providing a boundary-driven source that boosts N\_INP by up to more than four times its original value."

This statement is misleading. While entrainment does introduce additional INPs at cloud top, these INPs activate within a single model time step, so the net effect on N\_INP at the end of each timestep is negligible.

The sentence, carried over from an earlier version of the manuscript, was inadvertently not removed during our extensive revisions in response to the reviewers. We apologize for this oversight. No other scientific content has been changed.

Sincerely,



Daniel Knopf