

Response to Editorial comments

Title: Uncertainties in fertilizer-induced emissions of soil nitrogen oxide and the associated impacts on ground-level ozone and methane

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The authors have addressed the comments in the review reports well, and thus the manuscript should be accepted after small technical corrections.

The reviewers did find some issues with the grammar in some places. Please review the grammar one last time to ensure these mistakes are corrected.

In addition, please double-check the references to figures and tables in the text. With the changes in the manuscript, I think some in-text references to figures and tables may be incorrect. For example, in line 337, this refers to soil emissions, which is now Figure 4, but the text has Figure 5. In line 425, the different models are referred to, and Fig S2 is indicated in the text, but I believe it should be Fig S3. These were the two that I saw, but I ask that the authors to also check before it goes to layout.

Response:

We appreciate all reviewers' and editor's valuable comments to improve this manuscript. We also apologize for the grammar mistakes and the wrong figure references that occurred this revision. We have carefully checked the whole text and correct all of the errors, typos, and the figure and table references.