

Exploring atmospheric CH₄ monitoring network expansion in Italy using inverse modelling

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Response to editor's and referee#2's comments

We thank the editor and referees for their positive feedback and additional comments, which further improved the quality of the paper. Here, we provide a final response to the minor comments received. **Referee#2's comments are in red.**

- **L89: Please add reference to ICON-ART**

We have added the main references for ICON and ART.

- **Figure 5, 7, C2, C3. Please consider adding x-axis labels as e.g. "Scenario" (especially for panels b and c).**

We have added the x-label "Scenario" to sub-panels in Figures 5, 7, C2, C3 and Figures S4, S5 as well.