

Interactive comment on “CARINA alkalinity data in the Atlantic Ocean” by A. Velo et al.

A. Velo et al.

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First of all, thank you for the time taken in the revision of the manuscript. I've taken most of your comments and improved the manuscript. I'm uploading the new version.

Regarding your comments:

1. About Introduction: I've re-written this a bit, but the structure is intended to be coherent with the other manuscript, and so, this is the reason for including first a general overview of carina, and then the introduction about of alkalinity.
2. Data Provenance and structure:

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- Comment about the first paragraph have been taken into account, and so, moved to data quality evaluation.
- A map have been included, showing all stations with alkalinity data available.
- Numbers have been corrected.

3. Data quality evaluation:

- Added more explanation about why a MLR was performed here and their limitations.

4. Figures:

- All taken into account, except for the small maps indicating the location of the cruises. The location has been now explained in the description of the cruise.

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