

Dear Editor,

Thank you for your work on our paper. We are, at least, as disappointed as you for the fact that we didn't use ChArMEx data, but at some point we didn't want to quit the work done here. We added some text in the section 4.2.1. We also added a paragraph in the conclusion to place emphasis on the lack of crustal species interactions. Also, the budget can not be reduced to a PM2.5 budget as the sea salt interactions are included in the model. We added a sentence to be more precise about this in the section 2.1.

Best,
Jonathan Guth