

Response to Reviewer#2

Thanks a lot for the comments of the reviewer. We made the following modifications in the revised manuscript.

Q2.1: Thanks for carefully responding to review comments including adding Tables S2 and S3 in the supplement. However, the number format in these Tables shows many sensitivities as 0.00 which isn't useful. Please use an exponential format like 0.00E+00 so that the full range of sensitivities can be understood and compared.

A2.1: We changed the format of the data shown in Tabs. S1-S3 of the supplementary material, according to the suggestion of the reviewer. Thanks.

Q2.2: In the context of the revised manuscript the citation to ENVIRON (2015) is outdated and can be updated to Ramboll (2020). Ramboll: User's Guide: Comprehensive Air Quality Model with Extensions (CAMx), Version 7.10, Tech. rep., 2020. Available at <https://www.camx.com/about/>

A2.2: We added the citation suggested by the reviewer. Thanks for the information.