Response to the Editor's comment

Dear editor,

Thank you for your email regarding our paper essd-2020-348. The Topical editor proposes that air traffic data published in the essd-13-357-2021 paper be considered. The OpenSky Network used in the essd-13-357-2021 paper, as stated in the revised manuscript (lines 291-295), provides similar trends of flight activities as the Official Aviation Guide (OAG), which we used in conjunction with the KCDM dataset (see attached plot showing the comparaison between OpenSky Network and OAG data for some regions). The main difference between the two datasets is the time step for which they are available. The reference to the paper essd-13-357-2021 has been added to the manuscript.

We also stated in the revised manuscript that the CONFORM dataset is now available until December 2020 (line 578).

We also made a minor change to the text on lines 457-463 to include a recently published paper on the evaluation of CONFORM data.

All these changes we have included in the submitted revised manuscript.

We hope that the changes in the manuscript will answer your comments.

Sincerely,

Thierno Doumbia