Comment on essd-2022-205
Anonymous Referee #2


This paper a very interesting study applying the Improved BFFM2-FOA-FPM method to calculate the emissions of six pollutants (CO2, CO, HC, NOx, SO2, and PM2.5) between Chinese and foreign cities from 2014 to 2019. It contributes to the literature by filling the gap in the effect of aviation on the environment. The paper is written well and the discuss is highly valid. The following minor comments can be considered to improve the paper:

- Please further highlight the significance of this paper in the Abstract.
- All figures can be further improved to be more precise.
- Authors state the data came from VariFlight and did not mention the exact data types. A more detailed introduction of the data should be added.