

We are grateful to the anonymous reviewers for their constructive comments that improved this paper significantly. The revised parts have been labeled in red.

The reviewers:

Reviewer #1

This is an excellent paper. Just one minor issue: the first line of each paragraph should be indented.

Answer: Thanks for raising this point. The submission format of this paper is strictly following the requirements.

Reviewer #2

Please further highlight the significance of this paper in the Abstract.

Answer: Thanks for raising this point. We have added the significance of this paper at the end of the abstract.

All figures can be further improved to be more precise.

Answer: Thanks for raising this point; all figures have been modified.

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.

Answer: Thanks for raising this point. We have supplemented the data sources and specific steps for data collection in Supplementary Table S1.