

Review 3

Once again, I would like to compliment the authors on the improvements in this most recent iteration. I have only found a few smaller, mostly language-related issues. Since I am not a native speaker myself please take the following suggestions with a grain of salt.

Comments

- l. 11: ... in its retrieval.
- l. 19: ... of inputs of auxiliary variables and ...
- l. 24: ... in the midlatitudes ...
- l. 91: The scanning is *across* the orbit, isn't it?
- l. 241 ... the training data (or collocations) are well representative.
- l. 290: "So is the ocean/land mask information.". I guess you want to express that the land/ocean mask helps the retrieval distinguish hydrometeor scattering from the effect of the surface. However, that's not how I understand this sentence. Please consider reformulating it.
- l. 306: I do not see the connection to Fig. 7. Do you mean Fig. 10?
- This is really a detail, but please consider using vector graphics for all line plots.
- Fig. 7: Please add y-axis labels to all plots or at least the first plot of every row.