

Compared to the last version, the manuscript is clearer now and fixes some problems. I still have a few concerns before considering the acceptance.

Minor comments:

1 Why does r drop with increase in time scale but RMSE does the opposite? You can add explanation in the end of line 383.

2 Since the uncertainty metric is derived from the 10 VODCA2GPP models, you can also mention the source of such uncertainty. Is it can be regarded as extrapolation as well?

3 You can also make comparison between your GPP uncertainty and that of other GPP datasets. Indeed, such VOD-GPP dataset is independent of optical-based one, but you really need remind the uncertainty in its application.

4 And a similar question to the last round, the process-based model cannot be treated as ground truth. I don't think the similarity between VODCA2GPP and TRENDY models can be an advantage.