

Review comments
for GMD paper 2020-277

I would like to thank the authors for substantially revising the manuscript and improving the overall structure. In the revised version, the authors address all the points mentioned during the first revision round of the manuscript and now the overall presentation and discussion of the results is improved in the revised version. Furthermore, the authors improved substantially the communicated messages of their study. As I mentioned in the first revision of the manuscript, this study is very useful and would be a valuable contribution to the increasing body of literature that deals with the coupling between the circulation and cloud-radiative heating.

Thus, I recommend this paper for publication, and I briefly mention some minor comments for the authors below.

Minor comments:

Lines 55-68: Maybe worth mentioning also a similar recent study of Voigt et al., 2019 (<https://doi.org/10.1175/JCLI-D-18-0810.1>) where different climate models are compared with CloudSat/CALIPSO observations, as well as Zelinka et al., 2018 (<https://doi.org/10.1175/JCLI-D-18-0114.1>) where also multiple climate models are compared to CloudSat/CALIPSO retrievals?

Figures 2, 5, 9 could be slightly wider because in the current form they look smaller than the others.