Response to Author Replies: Review of the manuscript "Competition between core and periphery-based processes in warm convective clouds – from invigoration to suppression" by G. Dagan, I. Koren and O. Altaratz

The authors' efforts to answer the referee comments appropriately are much appreciated. There are several points which contribute to a better understanding of the manuscript, such as additional references and the clarification of notations used throughout the study. I also appreciate the additional effort to oppose drag force and entrainment effects, and an exact quantification would probably be beyond the scope of this study.

The added Figure 6 in the revised manuscript as well as some supplementary material add further value. Please find three more minor comments in the following.

Concerning the "General" section of the author replies

4) The treatment of ice processes

I recognize that the present study involves many idealizations which should not necessarily be seen as a shortcoming. However as a reader I would feel more comfortable to be informed about idealizations as detailed as possible. Regarding the ice, I still would like to know which simulations in particular are affected by supercooled cloud droplets. This could be explained based on Figure 6 (original manuscript) which shows the cloud top height. For example, by using dashed horizontal lines to indicate 0°C and -10°C, or by explaning in the text in which altitudes these temperatures can be expected.

Concerning the replies to reviewer 2:

13) Table 1

Going in the same direction of the previous comment, I would be interested in the temperatures corresponding to the altitudes listed in the table.

29) Figure S3

I was just wondering whether the peak at t>100min in the T3RH3 can be interpreted as an artefact in the stage shortly before the cloud disappears.