

Interactive comment on “A simple model for cloud radiative forcing” by T. Corti and T. Peter

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We thank Referee #1 for his or her concise and supportive review. We agree with all comments and will address them in the revision of our manuscript as follows:

The reviewer proposes to define “radiative forcing” already in the first paragraph of the introduction. We agree that this would increase the clarity of the discussion there and will do so in the revised manuscript. We will also discuss more details of our definition as suggested.

About Eq. (3): We will define the cloud top temperature T_c after its first use in this equation, as suggested by the reviewer. This suggestion also made us realize that we have been using the symbol T_c not only for the cloud top temperature but also for the cloud transmittance. We will also correct this in the revised version.

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Finally, we thank the reviewer for spotting the two typos.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 8541, 2009.