

Reply to Editor

The authors have convincingly explained the origin of the lack of CWC sensitivity to SIP processes. For clarity of the presentation, it seems advised to clarify the contribution of data sampling to the insensitivity and the effect of averaging over the initial stage of electrification.

We thank the editor for her time and efforts in reviewing our manuscript.

We added a clarification on data sampling in the convective region in the manuscript :

“Data sampling in the convective region also contributes to the apparent insensitivity of CWC to SIP processes. Testing different vertical velocity and precipitation thresholds to define the convective zone did not change this result. However, the vertical profiles in the stratiform region reveal more pronounced differences.”