

We thank both reviewers for evaluating our revised manuscript. The first reviewer accepted the manuscript as is, while the second reviewer suggested three minor revisions, all of which we have addressed:

- We removed the statement from the abstract claiming that CLEAR outperforms a benchmark algorithm.
- We introduced the GMZ acronym (Goldshtein-Messer-Zinevich) at its first occurrence.
- We introduced the abbreviation SC rule for the spatial coherence rule.

In addition, we carefully re-read the manuscript and corrected several typos throughout. We also took the liberty of implementing a few minor technical revisions, listed below (line numbers refer to the final revised version with tracked changes):

- **L94:** Introduced the abbreviation DSD for *drop size distribution*.
- **L155:** Added units to the coefficients: α ($\text{mm h}^{-1} \text{ dB}^{-\beta} \text{ km}^{\beta}$) and β (-)
- **L274–275:** Revised the introductory sentences to the *Results* section to reflect that it includes in the revised version also results from the case study.
- **L332 (Figure 7 title):** Corrected the figure title for the right panel to indicate it contains path-averaged rain rates.
- **L403 (Figure 11 title):** Updated the title to clarify that the red lines depict the median and quantiles, not the identity line.
- **L535:** Removed a reference to Section 2.5, as this section no longer exists in the revised manuscript.