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A potential emergent constraint on cloud liquid water path adjustments to aerosol–cloud interactions

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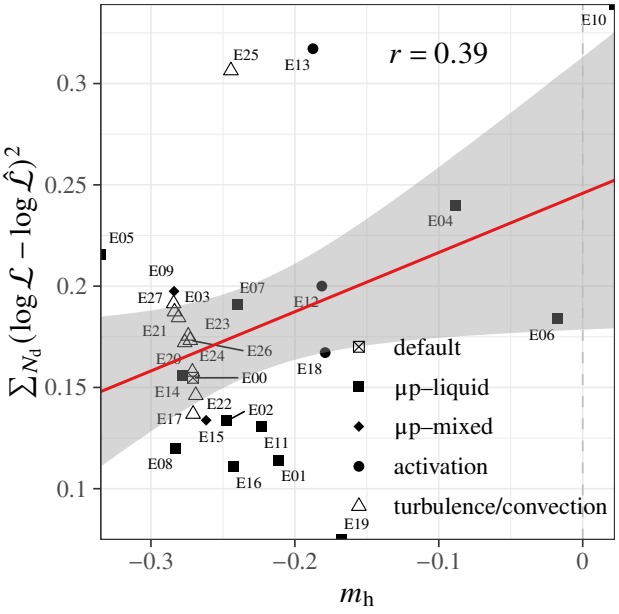


Figure S1. Scatter of the residual sum of squares (RSS) $\sum_{N_d}(\log\mathcal{L} - \log\hat{\mathcal{L}})^2$ and m_h

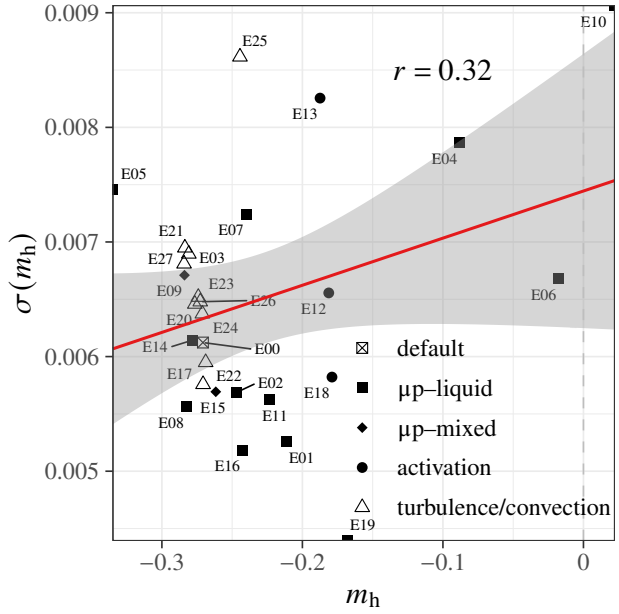


Figure S2. Scatter of the m_h fit standard error $\sigma(m_h)$ and m_h

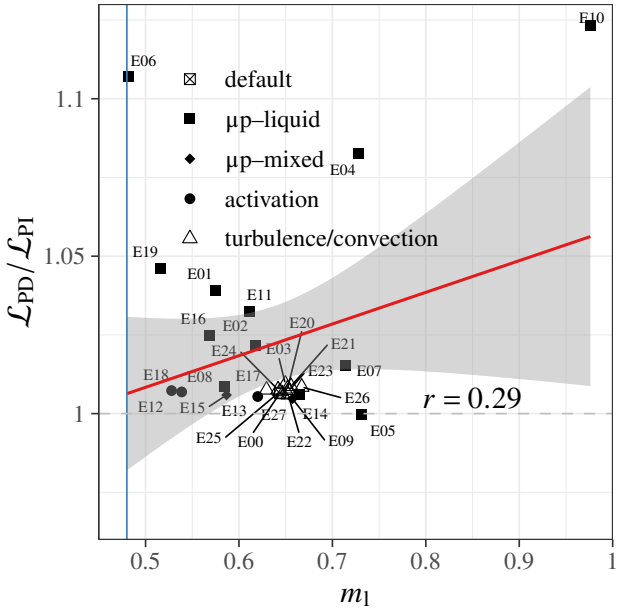


Figure S3. Scatter of m_l and $\mathcal{L}_{PD}/\mathcal{L}_{PI}$. The satellite-derived value of m_l reported by Gryspeerdt et al. (2019) is indicated as a vertical line.

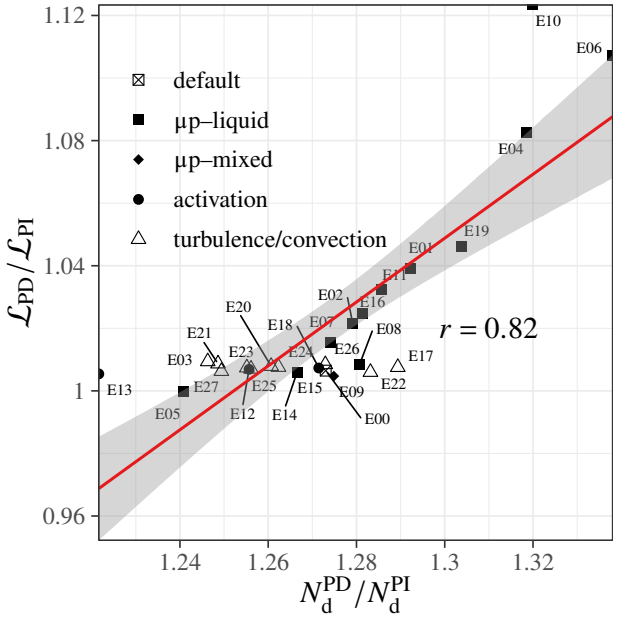


Figure S4. Scatter of N_d^{PD}/N_d^{PI} and $\mathcal{L}_{PD}/\mathcal{L}_{PI}$

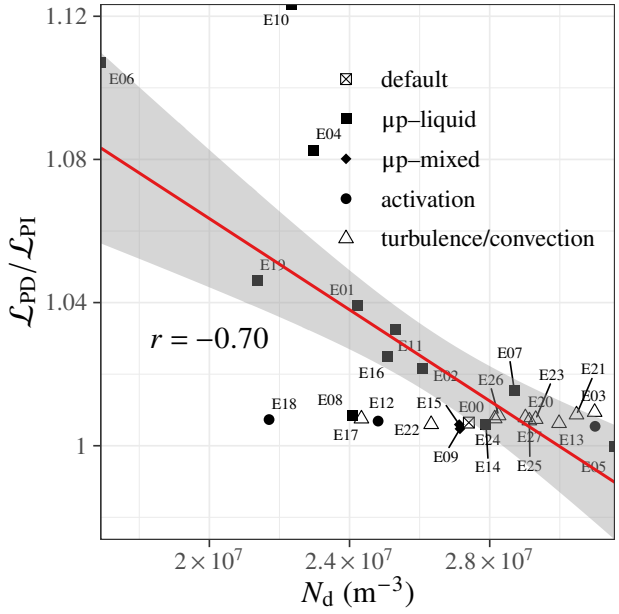


Figure S5. Scatter of N_d^{PD} and $\mathcal{L}_{PD}/\mathcal{L}_{PI}$