

I am satisfied with the authors' responses and the revised manuscript. I have only a couple of remaining comments:

1. The authors state that warm invigoration at ECS occurs at high Nd, which contrasts with existing literature suggesting that collision–coalescence processes are typically delayed at low Nd. It would be helpful if the authors could elaborate further on this apparent discrepancy.
2. Line 497: Mesoscale organization has been shown to cause mesoscale variability in Nd (Zhou and Feingold, 2023), which partially explains the observed inconsistency between Nd and aerosol.

*Zhou, X., & Feingold, G. (2023). Impacts of mesoscale cloud organization on aerosol-induced cloud water adjustment and cloud brightness. Geophysical Research Letters, 50(13), e2023GL103417.*