

Supporting information for: Quantifying the effects of mixing state on aerosol optical properties

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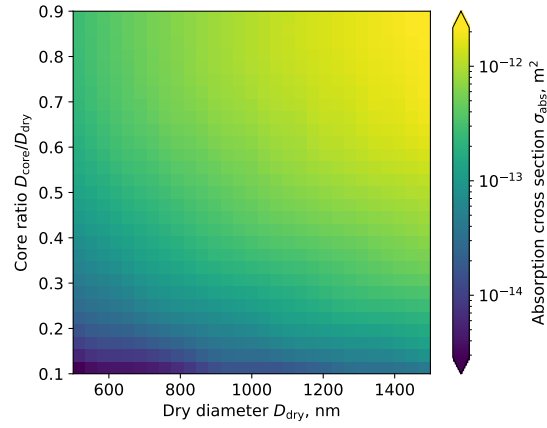


Figure S1. Particle absorption cross section σ_{abs} as a function of dry diameter and core ratio.

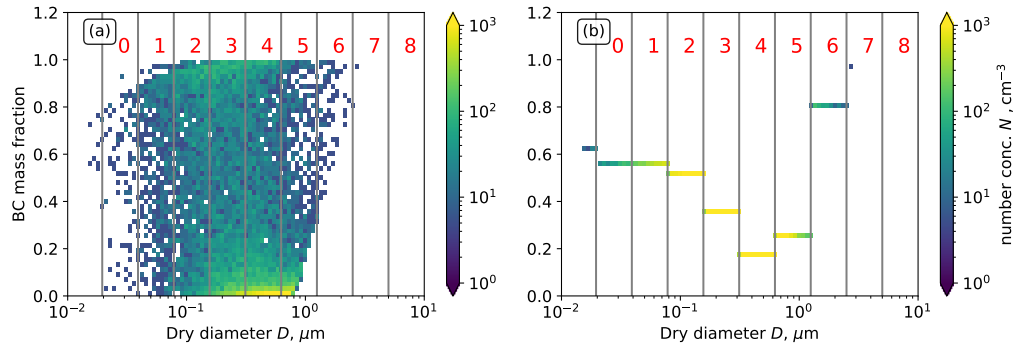


Figure S2. Two-dimensional distributions of BC mass fraction in (a) Reference scenario and (b) Sensitivity scenario at RH0. This population is from scenario 77 at 2h.

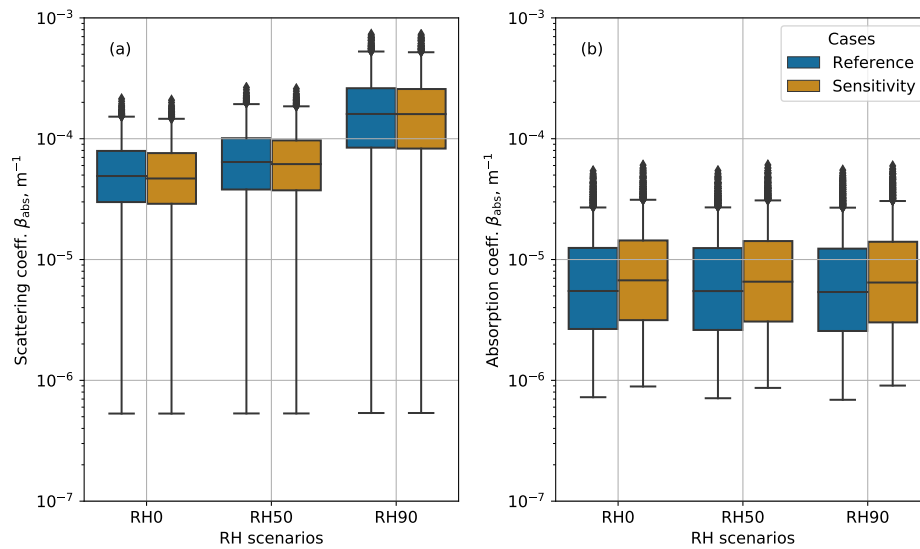


Figure S3. Box plots of (a) volume scattering coefficients β_{scat} , (b) volume absorption coefficients β_{abs} at the RH levels of 0, 50, 90%. Dark blue is for populations in reference scenario and Dark orange is for sensitivity scenario.