Supplementary material for "The simulated source apportionment of light absorbing aerosols: Effects of microphysical properties of partially-coated black carbon"

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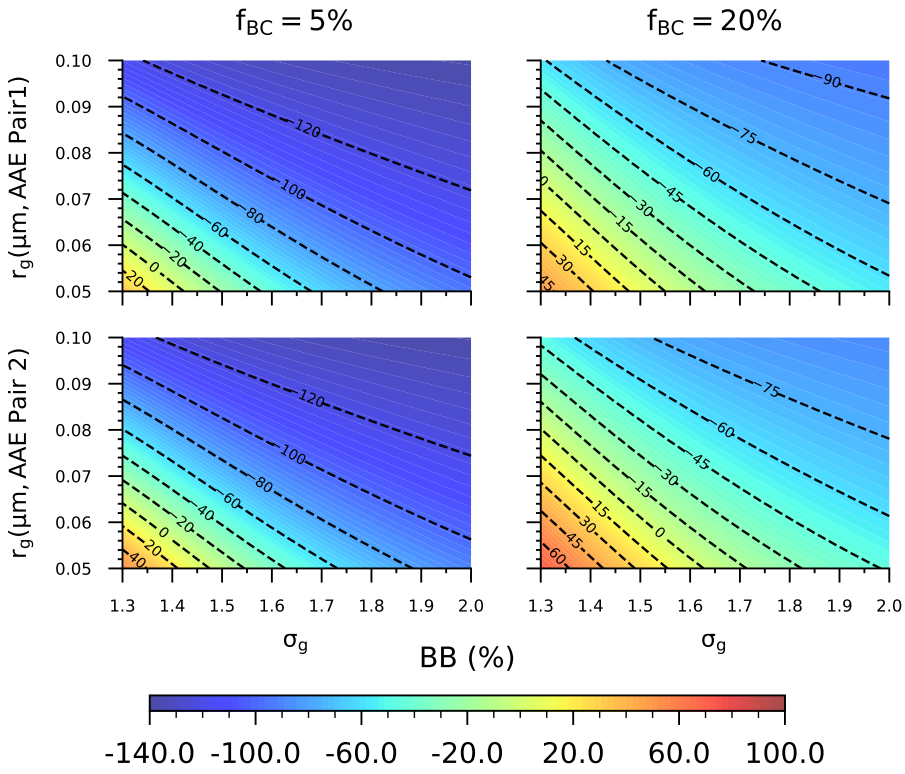

Figure S1. The BB fraction (%) of spherical BC with different size distributions, where the wavelength pair is 470 – 950 nm, α_{ff} =1, α_{BB} =2.

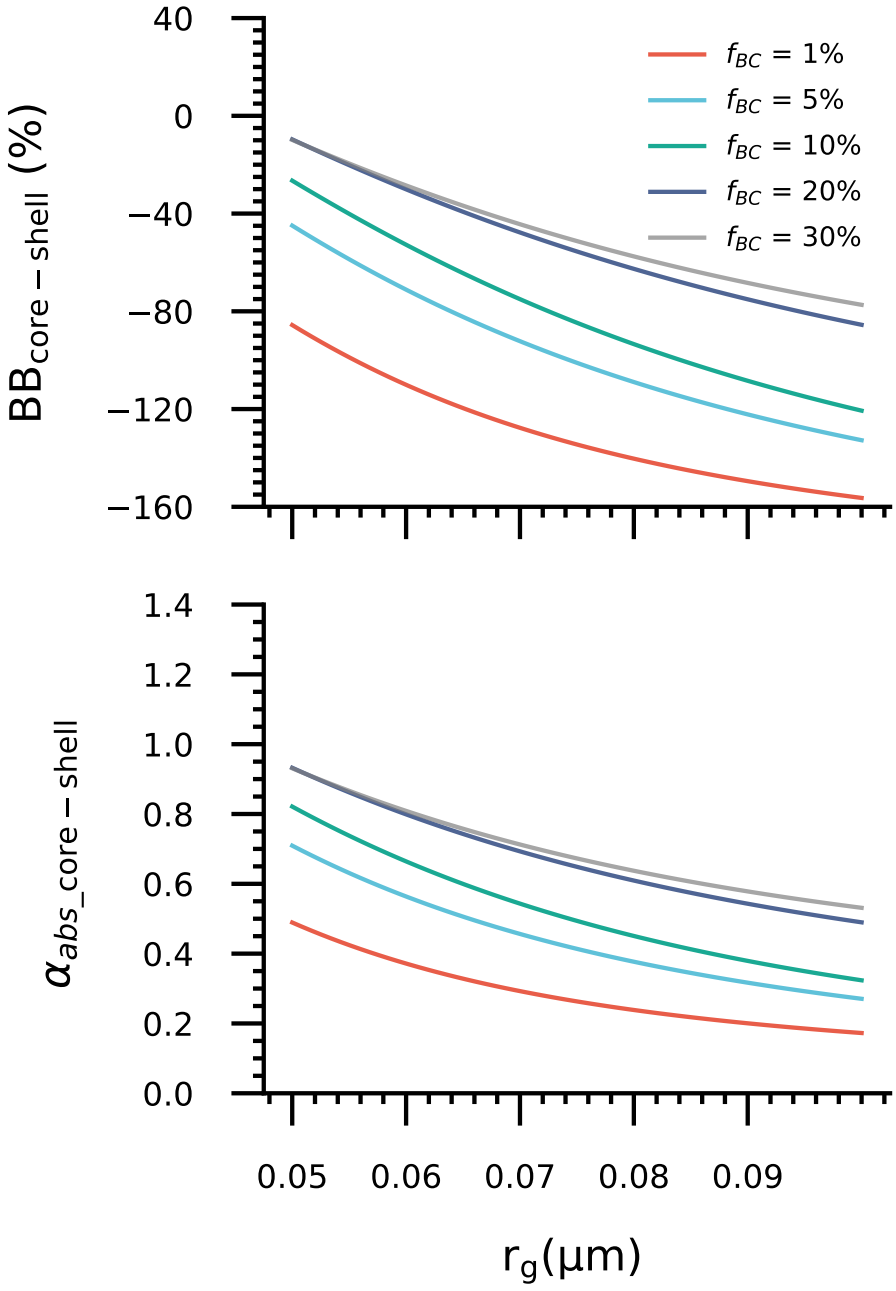

Figure S2. The variations of BB fraction (%) and AAE with rg for BC with different coating fractions, where the wavelength pair is 470 – 950 nm, σ_g = 1.6, α_{ff} =1, α_{BB} =2.

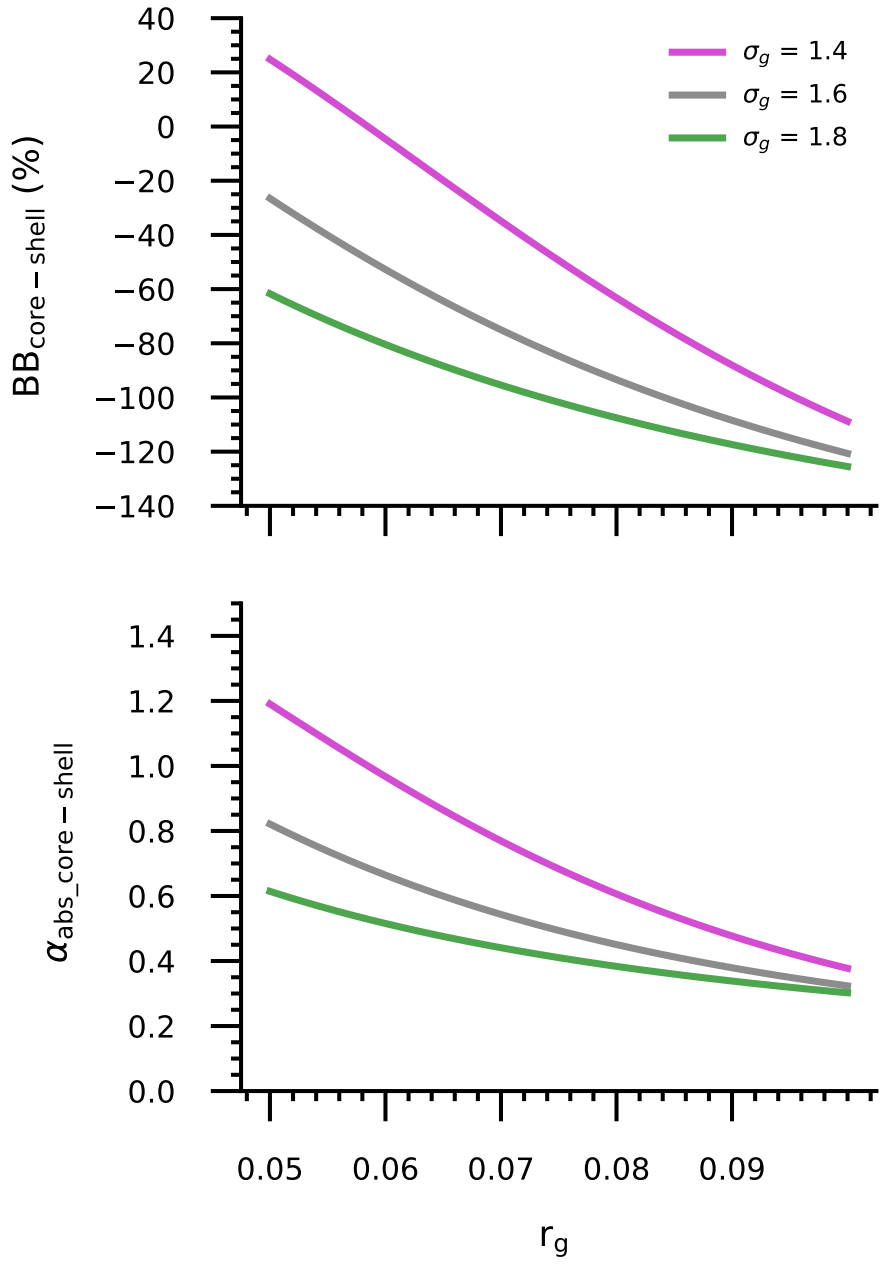

Figure S3. The variations of BB fraction (%) and AAE with r_g for BC with different σ_g, where the wavelength pair is 470 – 950 nm, f_{BC} = 10%, α_{ff} =1, α_{BB} =2.