Refractive index, real part

(a) Coarse spherical / sea salt
OPAC, 50% RH
OPAC, 70% RH
OPAC, 90% RH
Aerosol_cci

Coarse non-spherical / dust
Kandler et al. (2009)
OPAC
Aerosol_cci

Fine weakly absorbing / water soluble / pollution
OPAC, 50% RH
OPAC, 70% RH
OPAC, 90% RH
Aerosol_cci

Fine strongly absorbing / smoke
OPAC (pure soot)
Aerosol_cci

(b) HETEAC
Coarse spherical / sea salt
Coarse non-spherical / dust
Fine weakly absorbing / pollution
Fine strongly absorbing / smoke

Measurements
Mueller, T. et al. (2009), Sahara
Petzold et al. (2009), Sahara, min. values
Petzold et al. (2009), Sahara, max. values
Di Biagio et al. (2019), mean of global data set