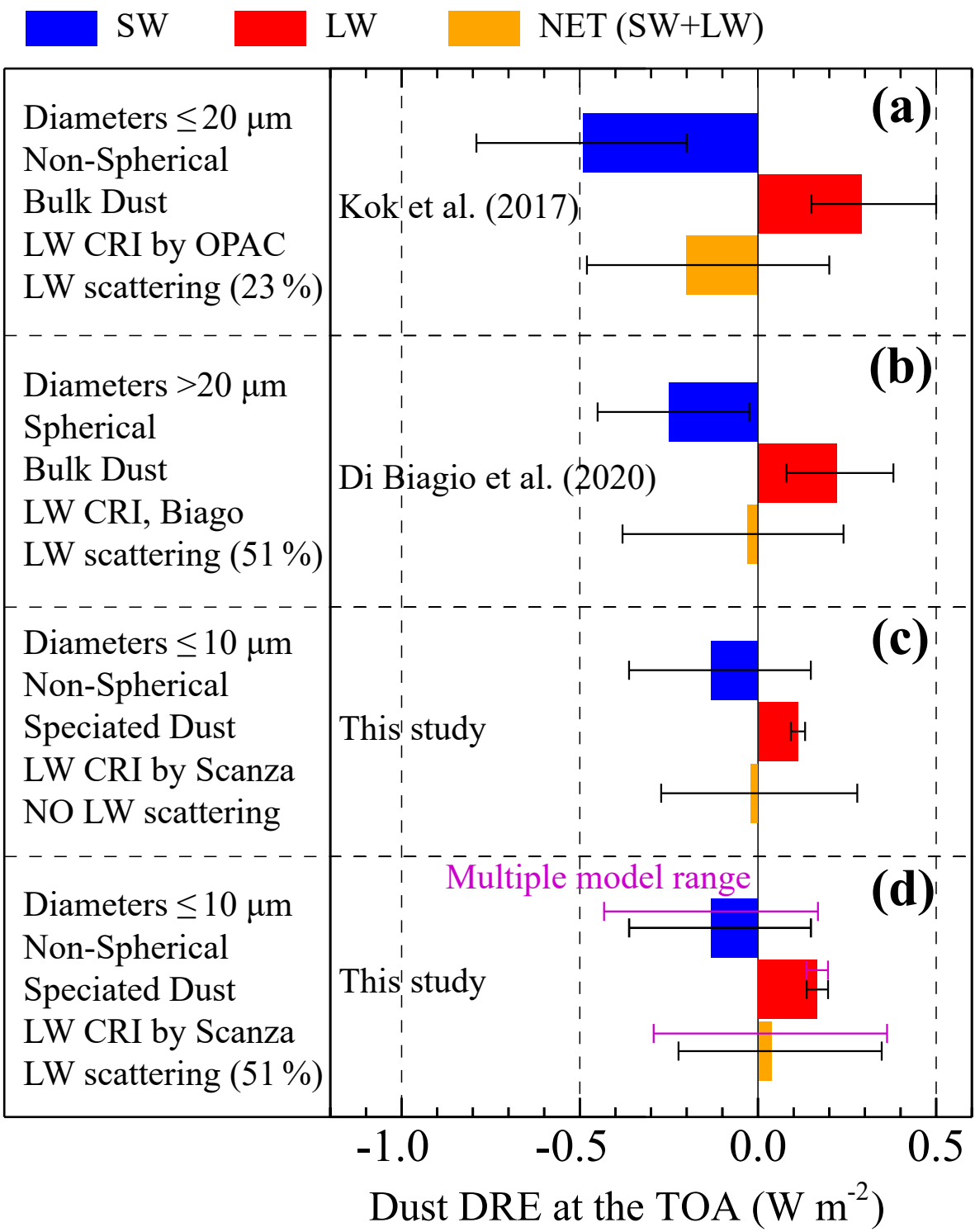
SW
LW
NET (SW+LW)
(a)
Diameters ≤ 20 µm
Non-Spherical
Bulk Dust
LW CRI by OPAC
LW scattering (23 %)
Kok et al. (2017)
(b)
Diameters >20 µm
Spherical
Bulk Dust
LW CRI, Biago
LW scattering (51 %)
Di Biagio et al. (2020)
(c)
Diameters ≤ 10 µm
Non-Spherical
Speciated Dust
LW CRI by Scanza
NO LW scattering
This study
(d)
Multiple model range
Diameters ≤ 10 µm
Non-Spherical
Speciated Dust
LW CRI by Scanza
LW scattering (51 %)
This study
-1.0
-0.5
0.0
0.5
Dust DRE at the TOA (W m-2)