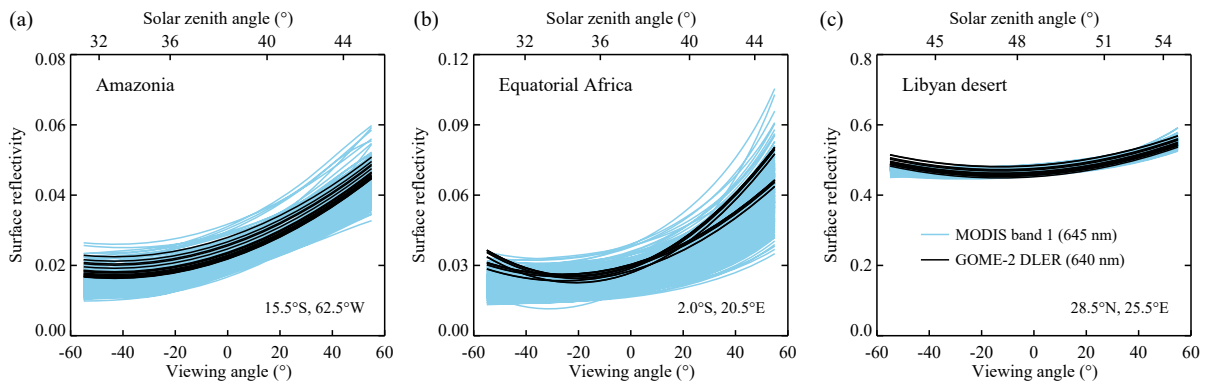
(a)
Solar zenith angle (°)
32
36
40
44
Amazonia
15.5°S, 62.5°W
Surface reflectivity
0.08
0.06
0.04
0.02
0.00
-60
-40
-20
0
20
40
60
Viewing angle (°)
(b)
Solar zenith angle (°)
32
36
40
44
Equatorial Africa
2.0°S, 20.5°E
Surface reflectivity
0.12
0.09
0.06
0.03
0.00
-60
-40
-20
0
20
40
60
Viewing angle (°)
(c)
Solar zenith angle (°)
45
48
51
54
Libyan desert
MODIS band 1 (645 nm)
GOME-2 DLER (640 nm)
28.5°N, 25.5°E
Surface reflectivity
0.8
0.6
0.4
0.2
0.0
-60
-40
-20
0
20
40
60
Viewing angle (°)