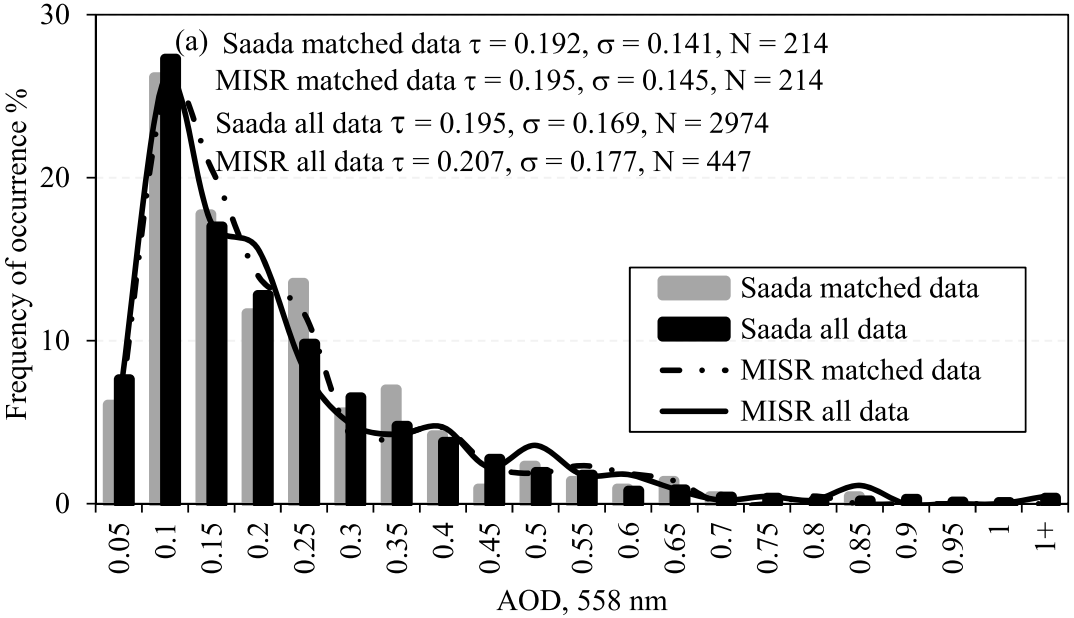
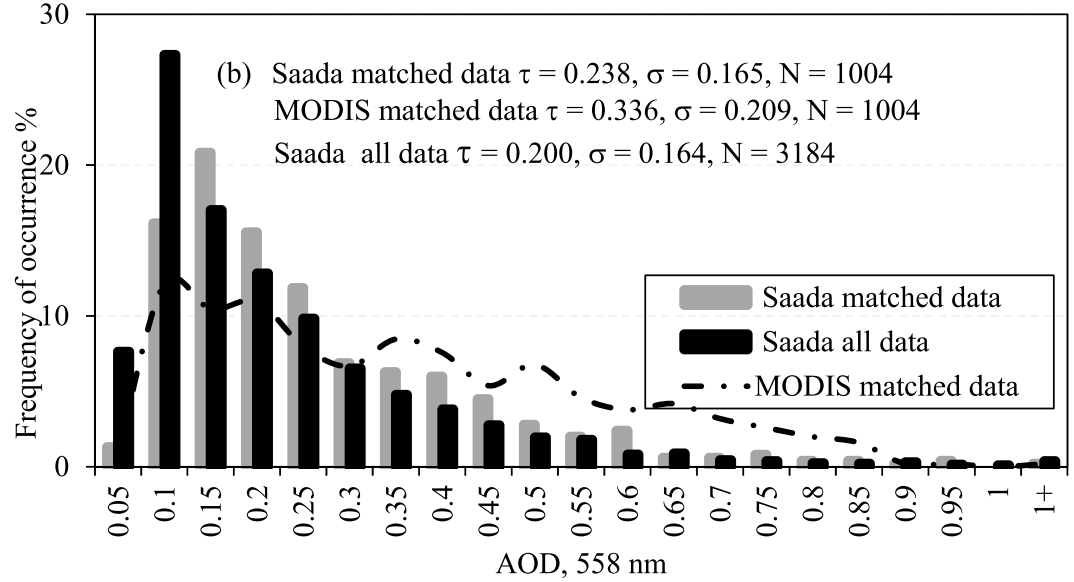

(a) Saada matched data τ = 0.192, σ = 0.141, N = 214
MISR matched data τ = 0.195, σ = 0.145, N = 214
Saada all data τ = 0.195, σ = 0.169, N = 2974
MISR all data τ = 0.207, σ = 0.177, N = 447
Saada matched data
Saada all data
MISR matched data
MISR all data
Frequency of occurrence %
AOD, 558 nm
0
10
20
30
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1
1+


(b) Saada matched data τ = 0.238, σ = 0.165, N = 1004
MODIS matched data τ = 0.336, σ = 0.209, N = 1004
Saada all data τ = 0.200, σ = 0.164, N = 3184
Saada matched data
Saada all data
MODIS matched data
Frequency of occurrence %
AOD, 558 nm
0
10
20
30
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1
1+