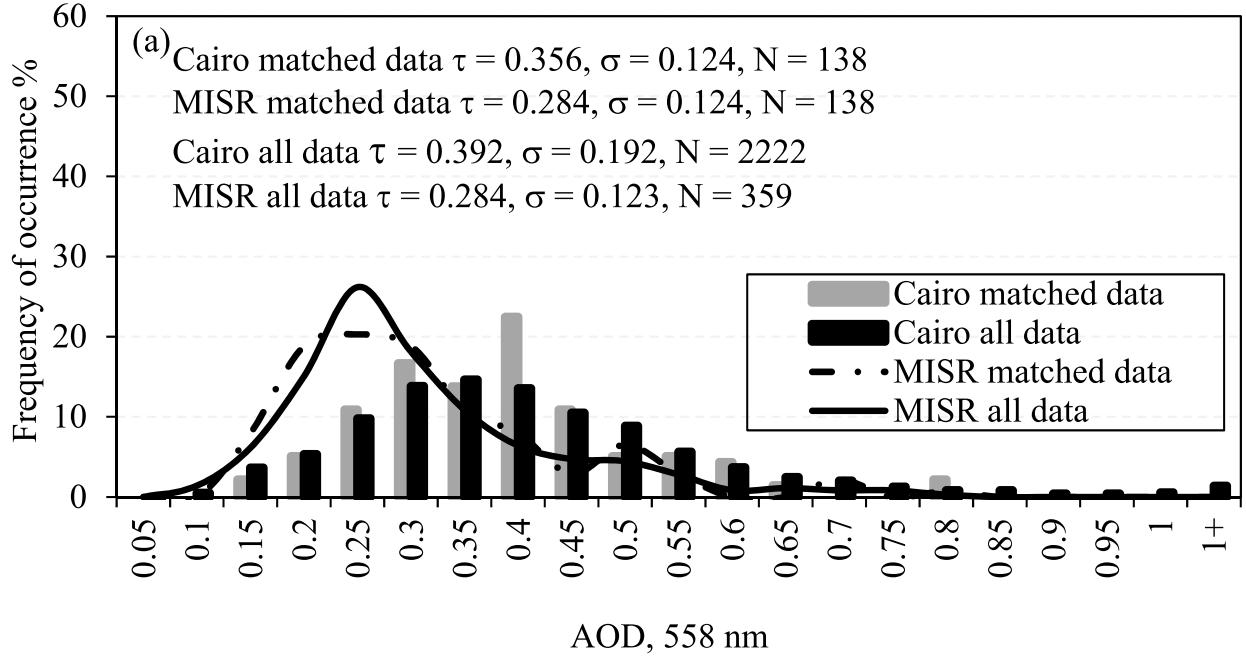
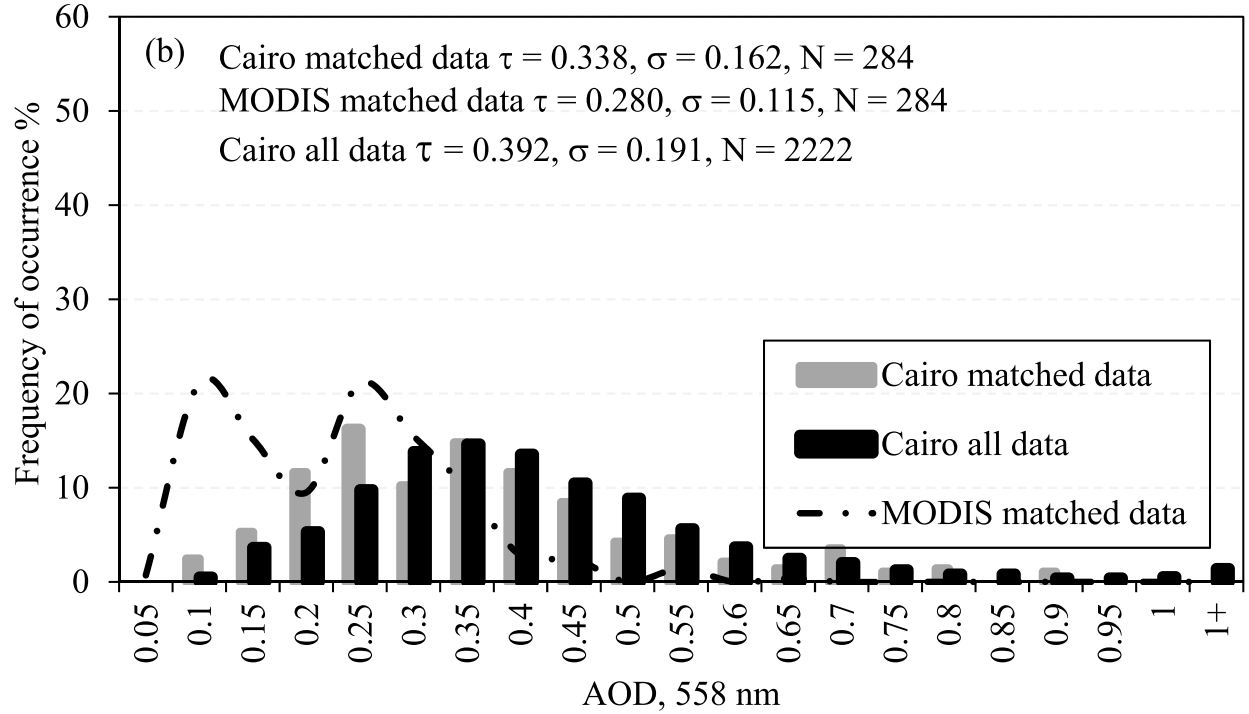

(a)
Cairo matched data τ = 0.356, σ = 0.124, N = 138
MISR matched data τ = 0.284, σ = 0.124, N = 138
Cairo all data τ = 0.392, σ = 0.192, N = 2222
MISR all data τ = 0.284, σ = 0.123, N = 359
Cairo matched data
Cairo all data
MISR matched data
MISR all data
Frequency of occurrence %
0
10
20
30
40
50
60
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+
AOD, 558 nm


(b)
Cairo matched data τ = 0.338, σ = 0.162, N = 284
MODIS matched data τ = 0.280, σ = 0.115, N = 284
Cairo all data τ = 0.392, σ = 0.191, N = 2222
Cairo matched data
Cairo all data
MODIS matched data
Frequency of occurrence %
0
10
20
30
40
50
60
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+
AOD, 558 nm