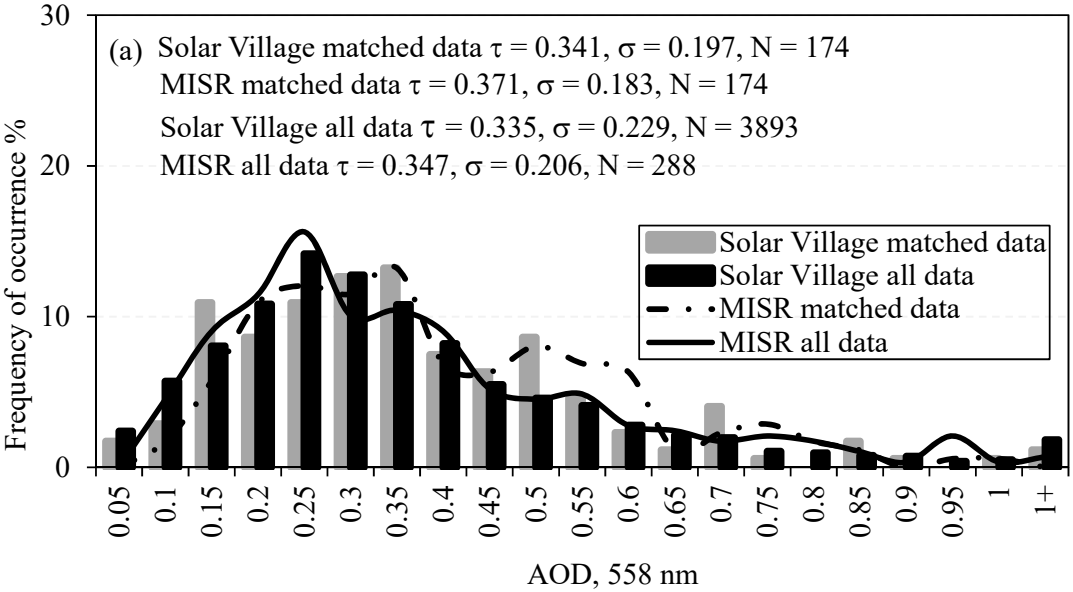
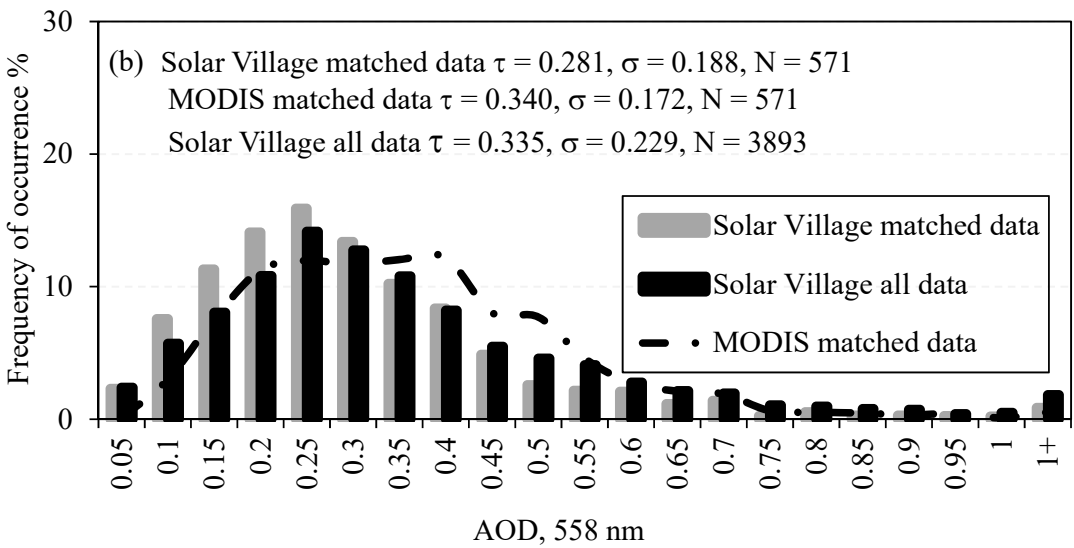

(a) Solar Village matched data τ = 0.341, σ = 0.197, N = 174
MISR matched data τ = 0.371, σ = 0.183, N = 174
Solar Village all data τ = 0.335, σ = 0.229, N = 3893
MISR all data τ = 0.347, σ = 0.206, N = 288
Solar Village matched data
Solar Village all data
MISR matched data
MISR all data
Frequency of occurrence %
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+
AOD, 558 nm


(b) Solar Village matched data τ = 0.281, σ = 0.188, N = 571
MODIS matched data τ = 0.340, σ = 0.172, N = 571
Solar Village all data τ = 0.335, σ = 0.229, N = 3893
Solar Village matched data
Solar Village all data
MODIS matched data
Frequency of occurrence %
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+
AOD, 558 nm