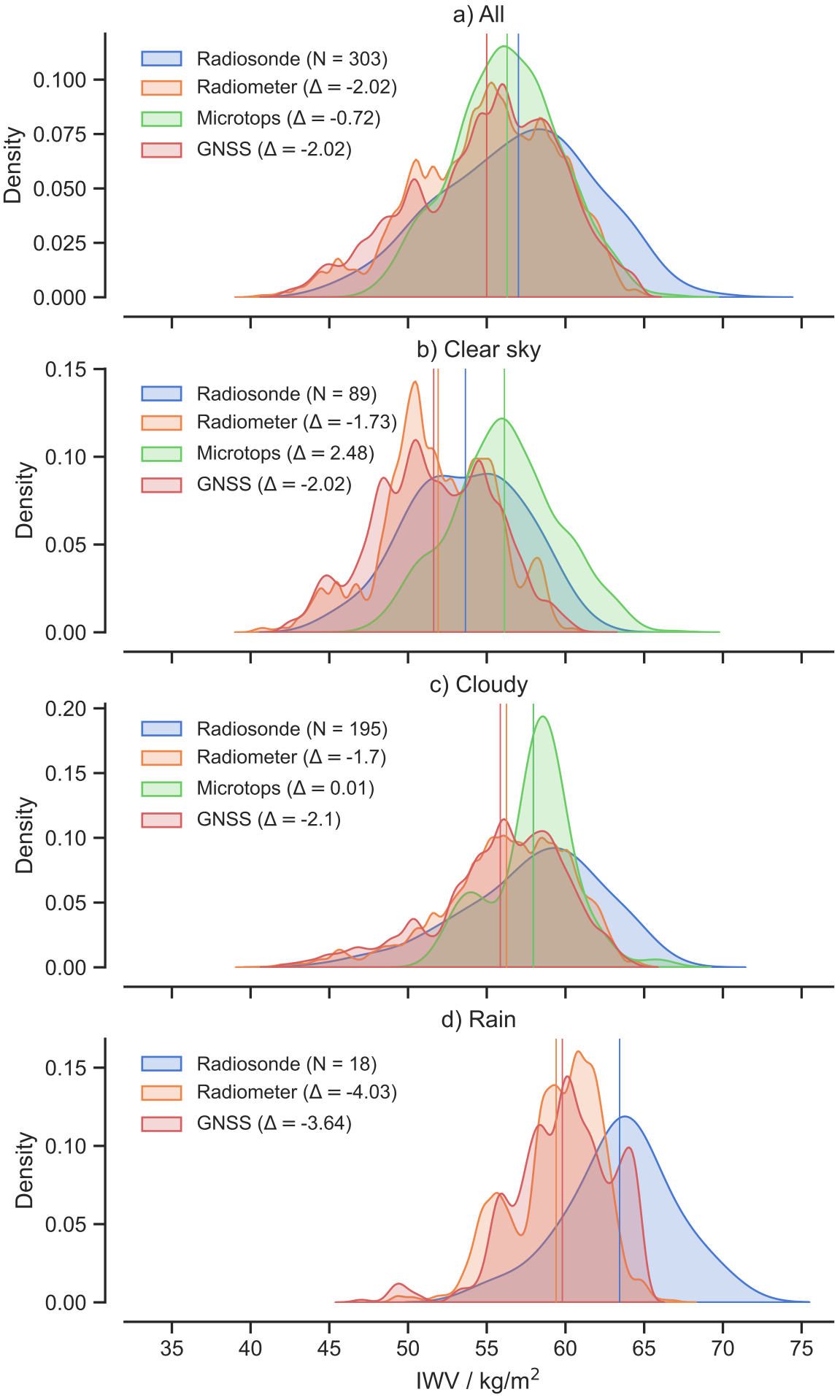

a) All
Radiosonde (N = 303)
Radiometer (Δ = -2.02)
Microtops (Δ = -0.72)
GNSS (Δ = -2.02)
Density
0.100
0.075
0.050
0.025
0.000
b) Clear sky
Radiosonde (N = 89)
Radiometer (Δ = -1.73)
Microtops (Δ = 2.48)
GNSS (Δ = -2.02)
Density
0.15
0.10
0.05
0.00
c) Cloudy
Radiosonde (N = 195)
Radiometer (Δ = -1.7)
Microtops (Δ = 0.01)
GNSS (Δ = -2.1)
Density
0.20
0.15
0.10
0.05
0.00
d) Rain
Radiosonde (N = 18)
Radiometer (Δ = -4.03)
GNSS (Δ = -3.64)
Density
0.15
0.10
0.05
0.00
35
40
45
50
55
60
65
70
75
IWV / kg/m^2