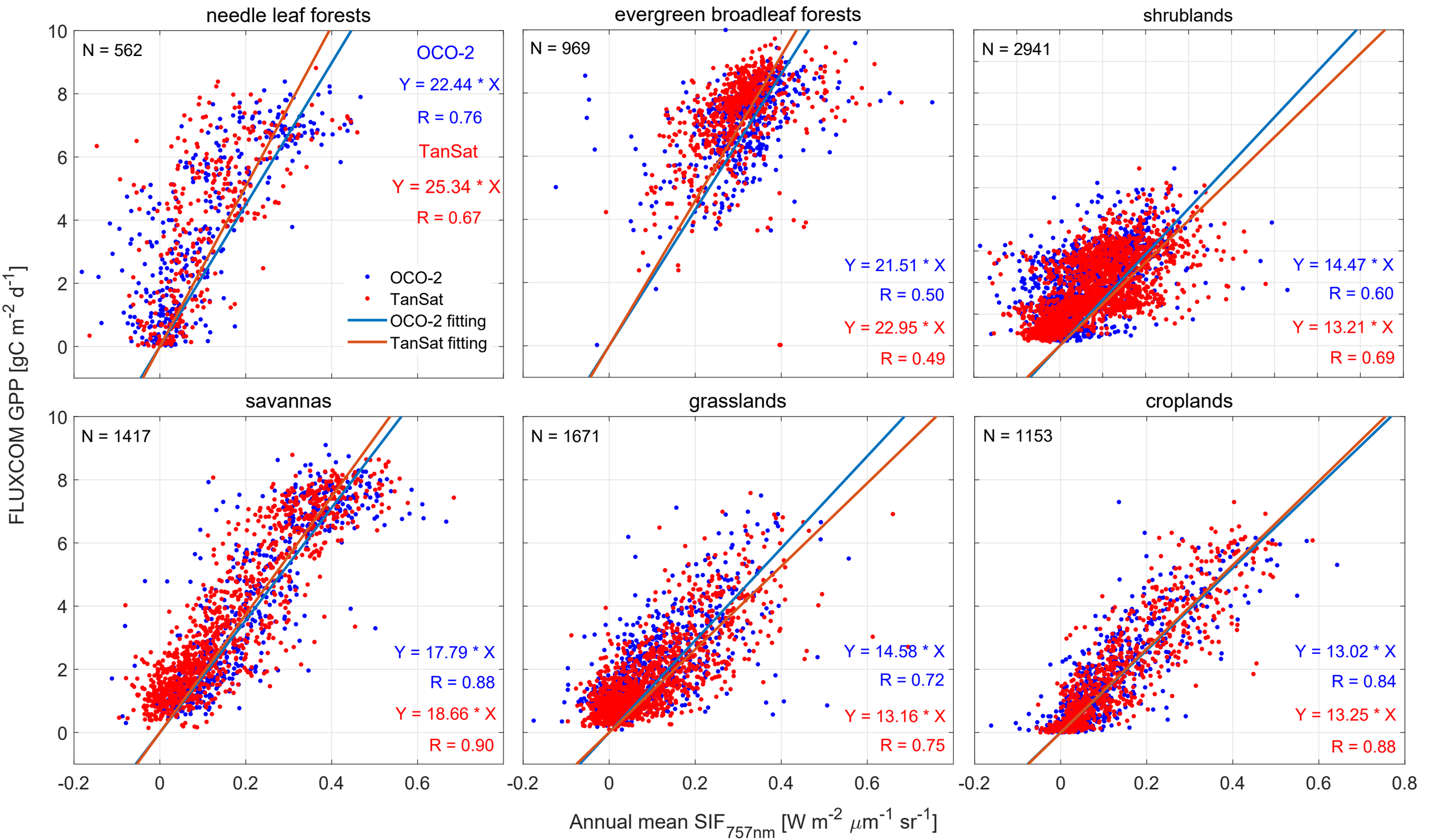
needle leaf forests
N = 562
OCO-2
Y = 22.44 * X
R = 0.76
TanSat
Y = 25.34 * X
R = 0.67
OCO-2
TanSat
OCO-2 fitting
TanSat fitting
evergreen broadleaf forests
N = 969
Y = 21.51 * X
R = 0.50
Y = 22.95 * X
R = 0.49
shrublands
N = 2941
Y = 14.47 * X
R = 0.60
Y = 13.21 * X
R = 0.69
savannas
N = 1417
Y = 17.79 * X
R = 0.88
Y = 18.66 * X
R = 0.90
grasslands
N = 1671
Y = 14.58 * X
R = 0.72
Y = 13.16 * X
R = 0.75
croplands
N = 1153
Y = 13.02 * X
R = 0.84
Y = 13.25 * X
R = 0.88
FLUXCOM GPP [gC m-2 d-1]
Annual mean SIF757nm [W m-2 μm-1 sr-1]
10
8
6
4
2
0
-0.2
0
0.2
0.4
0.6
0.8