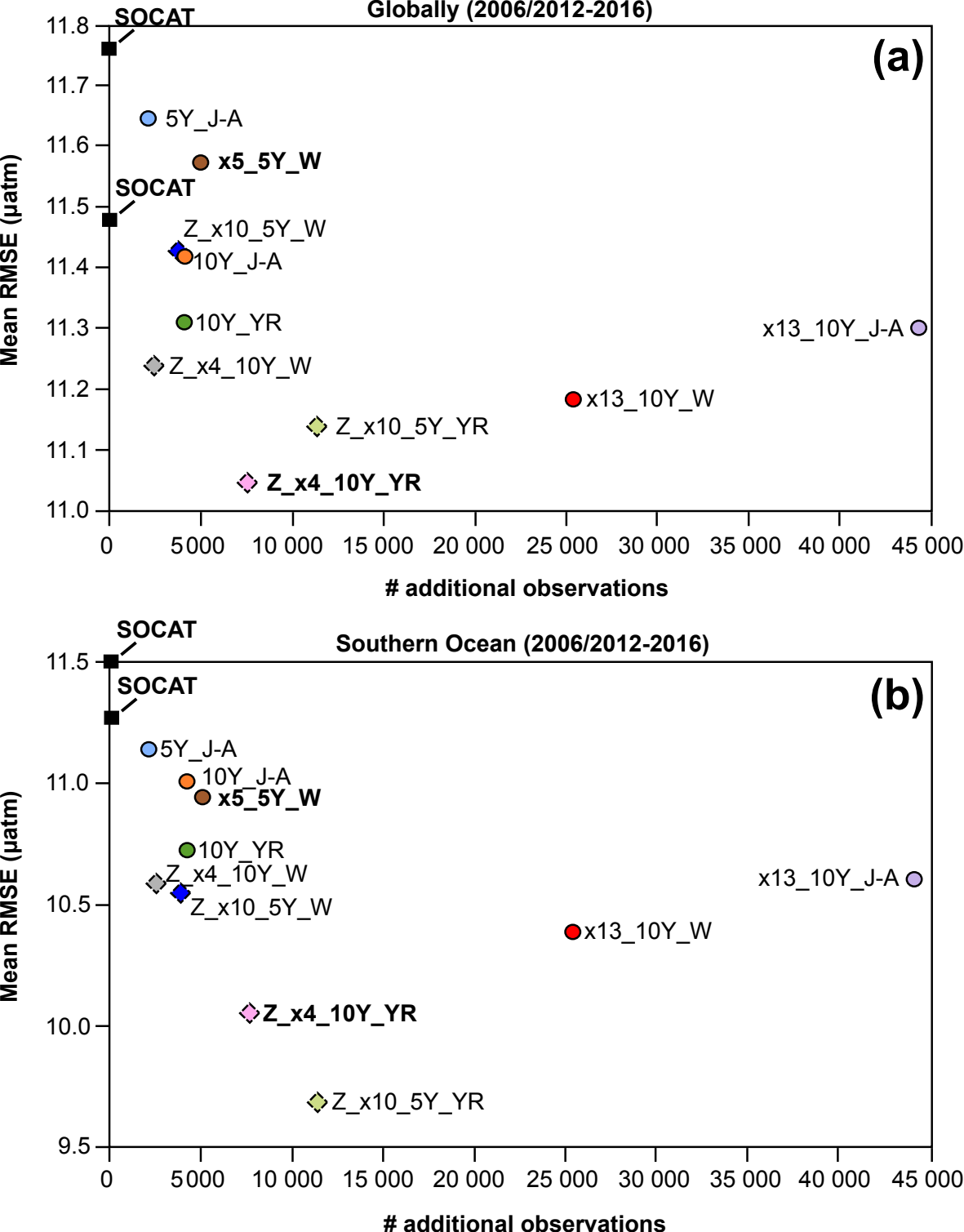
Globally (2006/2012-2016)
(a)
SOCAT
SOCAT
5Y_J-A
x5_5Y_W
Z_x10_5Y_W
10Y_J-A
10Y_YR
x13_10Y_J-A
Z_x4_10Y_W
x13_10Y_W
Z_x10_5Y_YR
Z_x4_10Y_YR
Mean RMSE (µatm)
11.8
11.7
11.6
11.5
11.4
11.3
11.2
11.1
11.0
0
5000
10 000
15 000
20 000
25 000
30 000
35 000
40 000
45 000
additional observations
Southern Ocean (2006/2012-2016)
(b)
SOCAT
SOCAT
5Y_J-A
10Y_J-A
x5_5Y_W
10Y_YR
Z_x4_10Y_W
Z_x10_5Y_W
x13_10Y_J-A
x13_10Y_W
Z_x4_10Y_YR
Z_x10_5Y_YR
Mean RMSE (µatm)
11.5
11.0
10.5
10.0
9.5
0
5000
10 000
15 000
20 000
25 000
30 000
35 000
40 000
45 000
additional observations