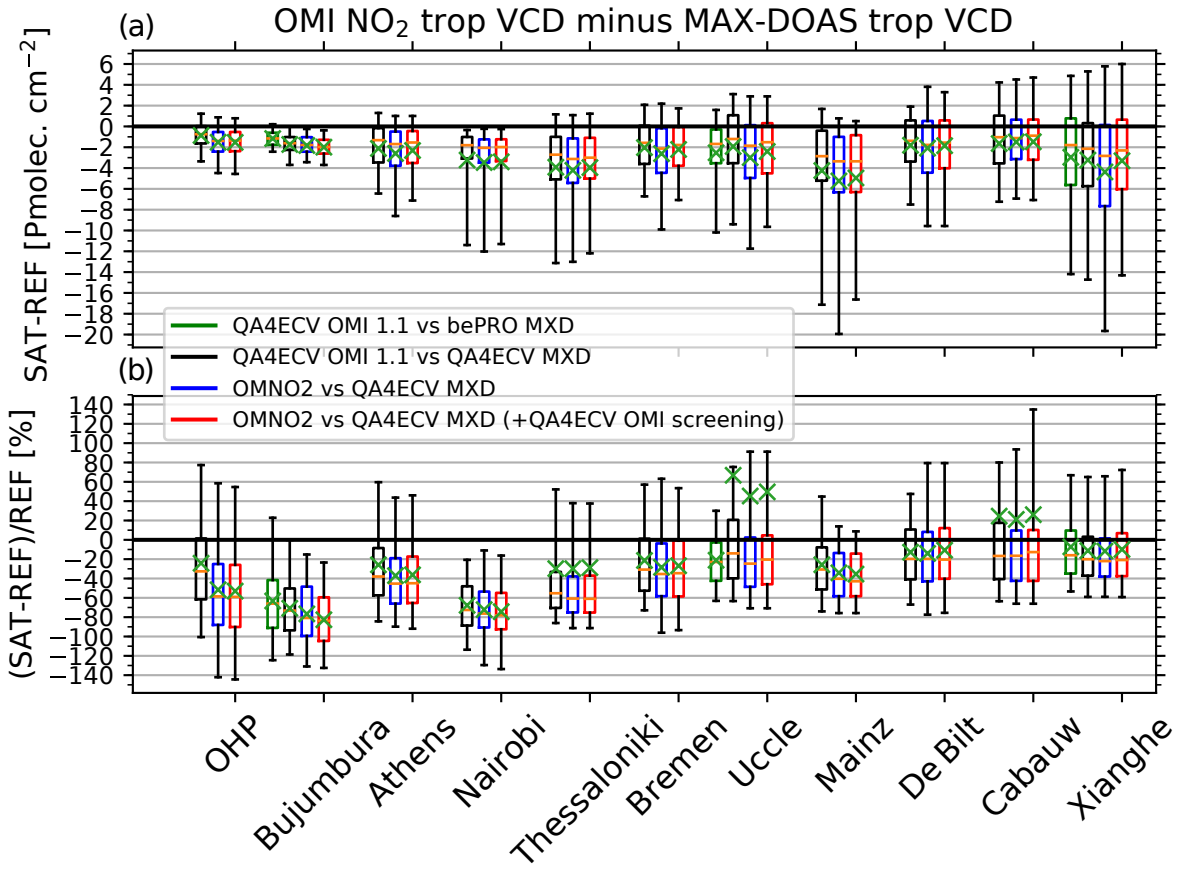
(a)
OMI NO2 trop VCD minus MAX-DOAS trop VCD
SAT-REF [Pmolec. cm−2]
6
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16
−18
−20
QA4ECV OMI 1.1 vs bePRO MXD
QA4ECV OMI 1.1 vs QA4ECV MXD
OMNO2 vs QA4ECV MXD
OMNO2 vs QA4ECV MXD (+QA4ECV OMI screening)
(b)
(SAT-REF)/REF [%]
140
120
100
80
60
40
20
0
−20
−40
−60
−80
−100
−120
−140
OHP
Bujumbura
Athens
Nairobi
Thessaloniki
Bremen
Uccle
Mainz
De Bilt
Cabauw
Xianghe