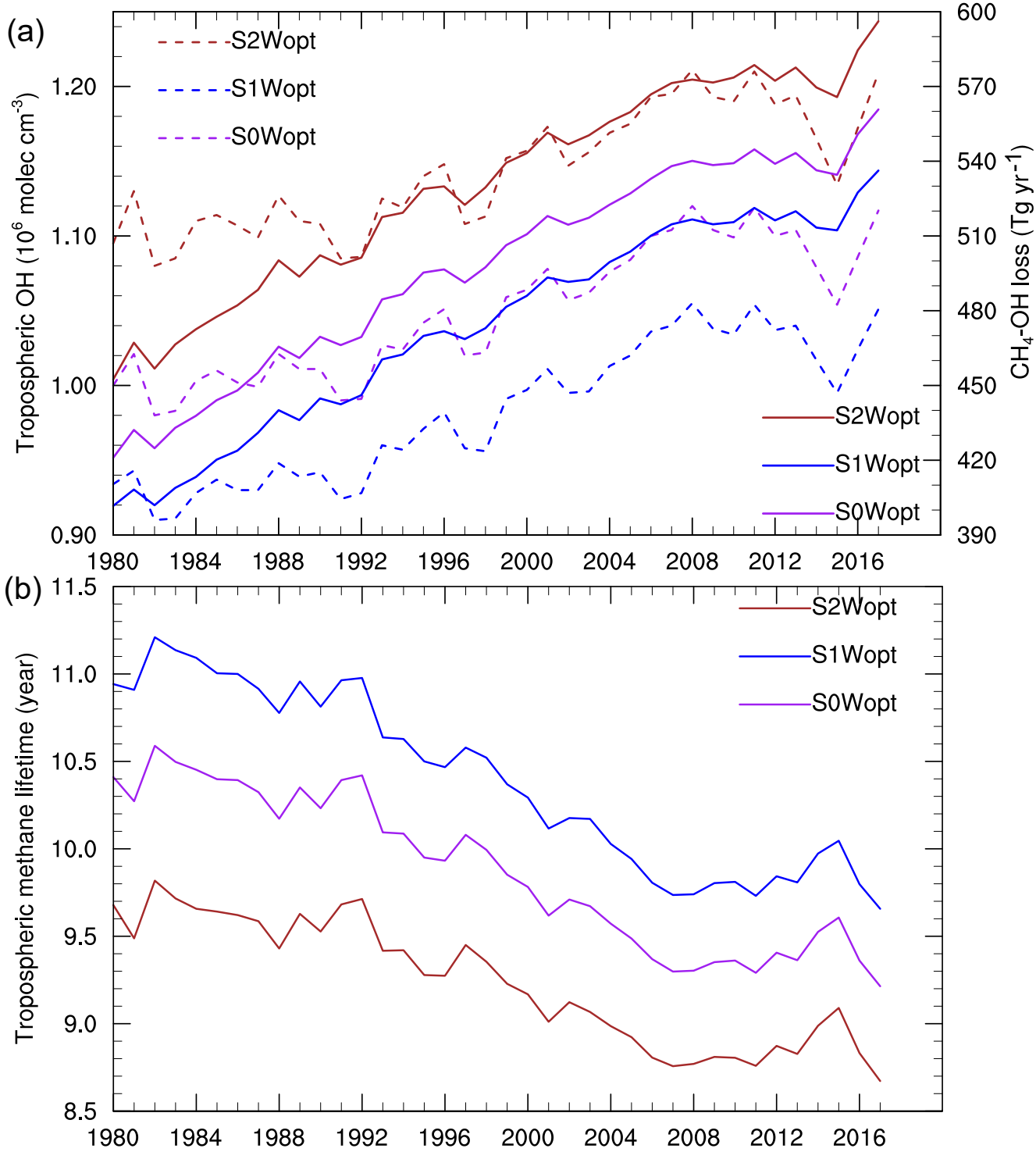
(a)
S2Wopt
S1Wopt
S0Wopt
Tropospheric OH (10^6 molec cm^{-3})
CH_4-OH loss (Tg yr^{-1})
1.20
1.10
1.00
0.90
600
570
540
510
480
450
420
390
1980
1984
1988
1992
1996
2000
2004
2008
2012
2016
(b)
Tropospheric methane lifetime (year)
11.5
11.0
10.5
10.0
9.5
9.0
8.5