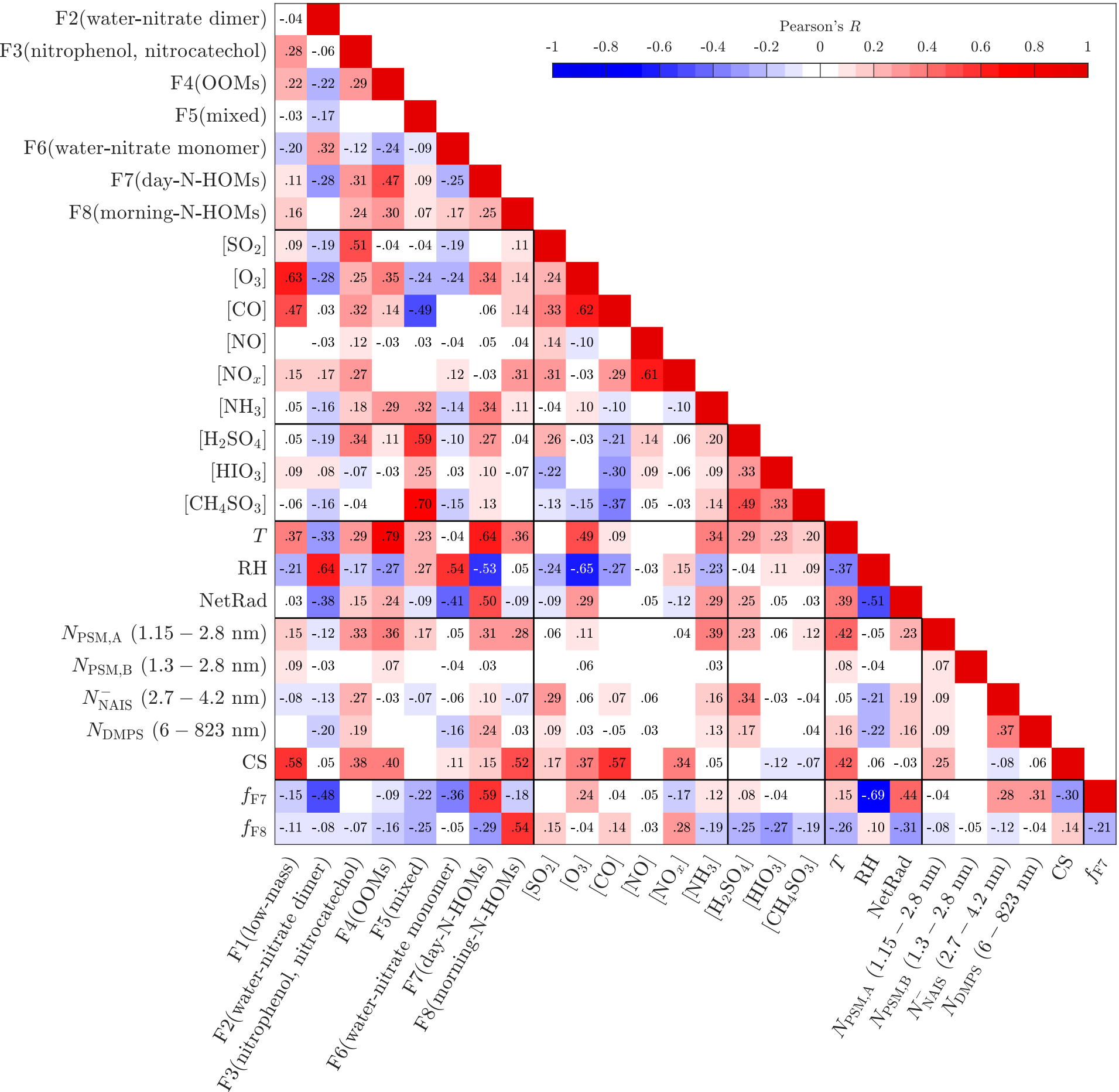
Pearson's R
-1 -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 1
F2(water-nitrate dimer) -.04
F3(nitrophenol, nitrocatechol) .28 -.06
F4(OOMs) .22 -.22 .29
F5(mixed) -.03 -.17
F6(water-nitrate monomer) -.20 .32 -.12 -.24 -.09
F7(day-N-HOMs) .11 -.28 .31 .47 .09 -.25
F8(morning-N-HOMs) .16 .24 .30 .07 .17 .25
[SO_2] .09 -.19 .51 -.04 -.04 -.19 .11
[O_3] .63 -.28 .25 .35 -.24 -.24 .34 .14 .24
[CO] .47 .03 .32 .14 -.49 .06 .14 .33 .62
[NO] -.03 .12 -.03 .03 -.04 .05 .04 .14 -.10
[NO_x] .15 .17 .27 .12 -.03 .31 .31 -.03 .29 .61
[NH_3] .05 -.16 .18 .29 .32 -.14 .34 .11 -.04 .10 -.10 -.10
[H_2SO_4] .05 -.19 .34 .11 .59 -.10 .27 .04 .26 -.03 -.21 .14 .06 .20
[HIO_3] .09 .08 -.07 -.03 .25 .03 .10 -.07 -.22 -.30 .09 -.06 .09 .33
[CH_4SO_3] -.06 -.16 -.04 .70 -.15 .13 -.13 -.15 -.37 .05 -.03 .14 .49 .33
T .37 -.33 .29 .79 .23 -.04 .64 .36 .49 .09 .34 .29 .23 .20
RH -.21 .64 -.17 -.27 .27 .54 -.53 .05 -.24 -.65 -.27 -.03 .15 -.23 -.04 .11 .09 -.37
NetRad .03 -.38 .15 .24 -.09 -.41 .50 -.09 -.09 .29 .05 -.12 .29 .25 .05 .03 .39 -.51
$N_{PSM,A}$ (1.15 – 2.8 nm) .15 -.12 .33 .36 .17 .05 .31 .28 .06 .11 .04 .39 .23 .06 .12 .42 -.05 .23
$N_{PSM,B}$ (1.3 – 2.8 nm) .09 -.03 .07 -.04 .03 .06 .03 .08 -.04 .07
N^{-}_{NAIS} (2.7 – 4.2 nm) -.08 -.13 .27 -.03 -.07 -.06 .10 -.07 .29 .06 .07 .06 .16 .34 -.03 -.04 .05 -.21 .19 .09
N_{DMPS} (6 – 823 nm) -.20 .19 -.16 .24 .03 .09 .03 -.05 .03 .13 .17 .04 .16 -.22 .16 .09 .37
CS .58 .05 .38 .40 .11 .15 .52 .17 .37 .57 .34 .05 -.12 -.07 .42 .06 -.03 .25 -.08 .06
f_{F7} -.15 -.48 -.09 -.22 -.36 .59 -.18 .24 .04 .05 -.17 .12 .08 -.04 .15 -.69 .44 -.04 .28 .31 -.30
f_{F8} -.11 -.08 -.07 -.16 -.25 -.05 -.29 .54 .15 -.04 .14 .03 .28 -.19 -.25 -.27 -.19 -.26 .10 -.31 -.08 -.05 -.12 -.04 .14 -.21
F1(low-mass)
F2(water-nitrate dimer)
F3(nitrophenol, nitrocatechol)
F4(OOMs)
F5(mixed)
F6(water-nitrate monomer)
F7(day-N-HOMs)
F8(morning-N-HOMs)
[SO_2]
[O_3]
[CO]
[NO]
[NO_x]
[NH_3]
[H_2SO_4]
[HIO_3]
[CH_4SO_3]
T
RH
NetRad
$N_{PSM,A}$ (1.15 – 2.8 nm)
$N_{PSM,B}$ (1.3 – 2.8 nm)
N^{-}_{NAIS} (2.7 – 4.2 nm)
N_{DMPS} (6 – 823 nm)
CS
f_{F7}