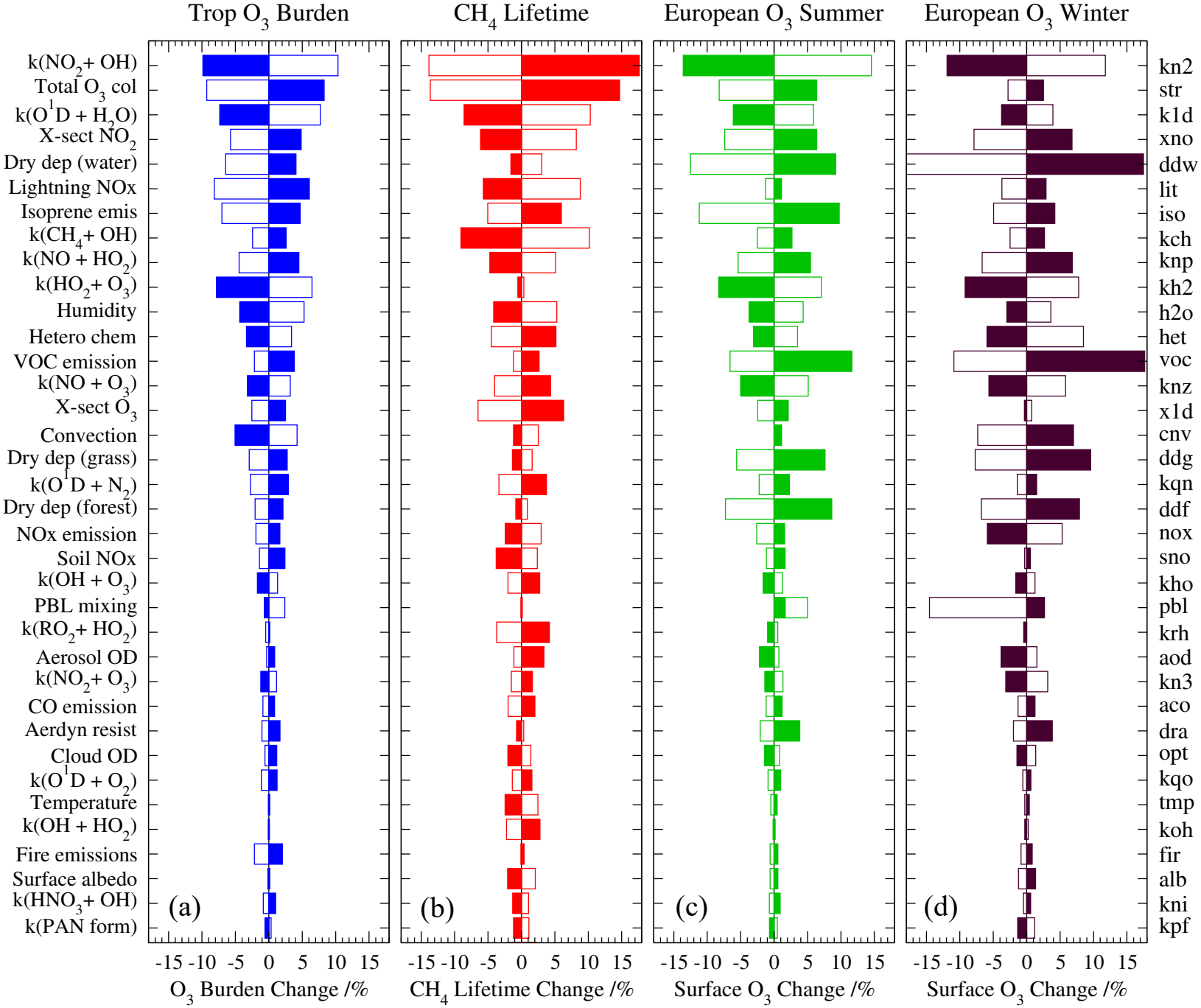
Trop O_3 Burden
CH_4 Lifetime
European O_3 Summer
European O_3 Winter
k(NO_2+ OH)
Total O_3 col
k(O^1D + H_2O)
X-sect NO_2
Dry dep (water)
Lightning NOx
Isoprene emis
k(CH_4+ OH)
k(NO + HO_2)
k(HO_2+ O_3)
Humidity
Hetero chem
VOC emission
k(NO + O_3)
X-sect O_3
Convection
Dry dep (grass)
k(O^1D + N_2)
Dry dep (forest)
NOx emission
Soil NOx
k(OH + O_3)
PBL mixing
k(RO_2+ HO_2)
Aerosol OD
k(NO_2+ O_3)
CO emission
Aerdyn resist
Cloud OD
k(O^1D + O_2)
Temperature
k(OH + HO_2)
Fire emissions
Surface albedo
k(HNO_3+ OH)
k(PAN form)
kn2
str
k1d
xno
ddw
lit
iso
kch
knp
kh2
h2o
het
voc
knz
x1d
cnv
ddg
kqn
ddf
nox
sno
kho
pbl
krh
aod
kn3
aco
dra
opt
kqo
tmp
koh
fir
alb
kni
kpf
(a)
(b)
(c)
(d)
-15 -10 -5 0 5 10 15
O_3 Burden Change /%
CH_4 Lifetime Change /%
Surface O_3 Change /%
Surface O_3 Change /%