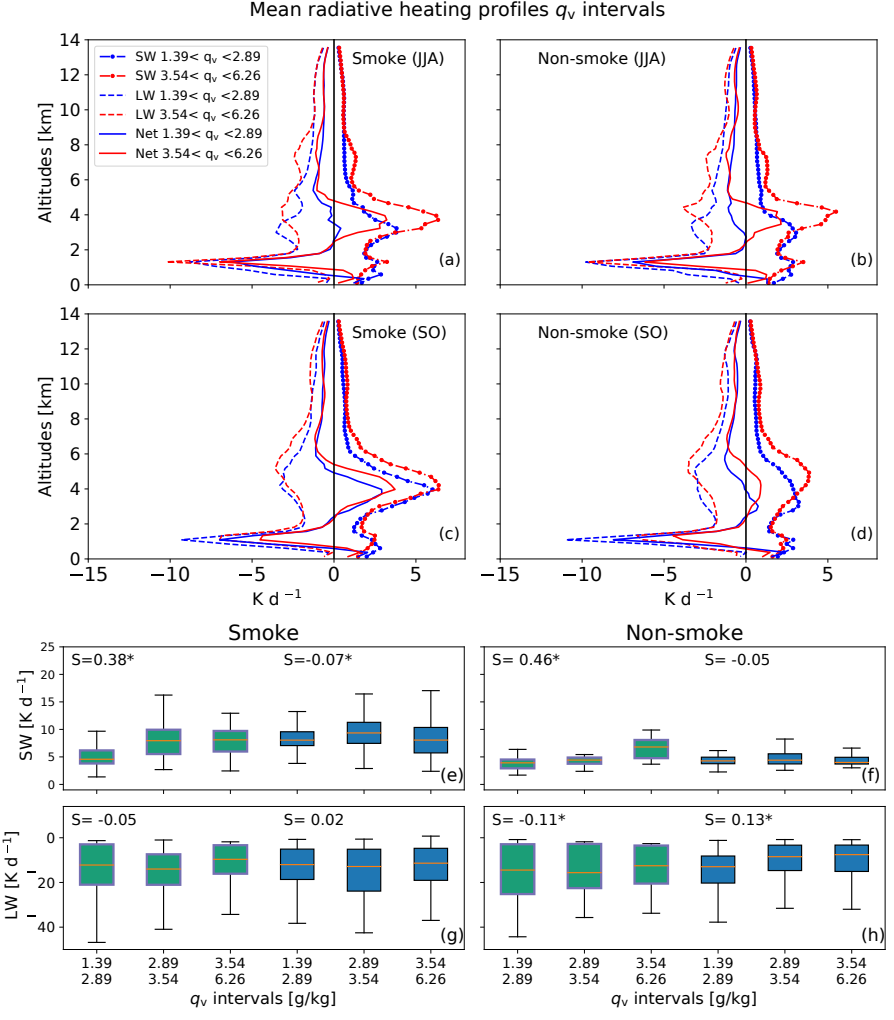
Mean radiative heating profiles q_v intervals
SW 1.39< q_v <2.89
SW 3.54< q_v <6.26
LW 1.39< q_v <2.89
LW 3.54< q_v <6.26
Net 1.39< q_v <2.89
Net 3.54< q_v <6.26
Smoke (JJA)
Non-smoke (JJA)
Smoke (SO)
Non-smoke (SO)
(a)
(b)
(c)
(d)
Altitudes [km]
K d $^{-1}$
Smoke
Non-smoke
S=0.38*
S=-0.07*
S= 0.46*
S= -0.05
S= -0.05
S= 0.02
S= -0.11*
S= 0.13*
SW [K d $^{-1}$]
LW [K d $^{-1}$]
(e)
(f)
(g)
(h)
1.39 2.89
2.89 3.54
3.54 6.26
q_v intervals [g/kg]