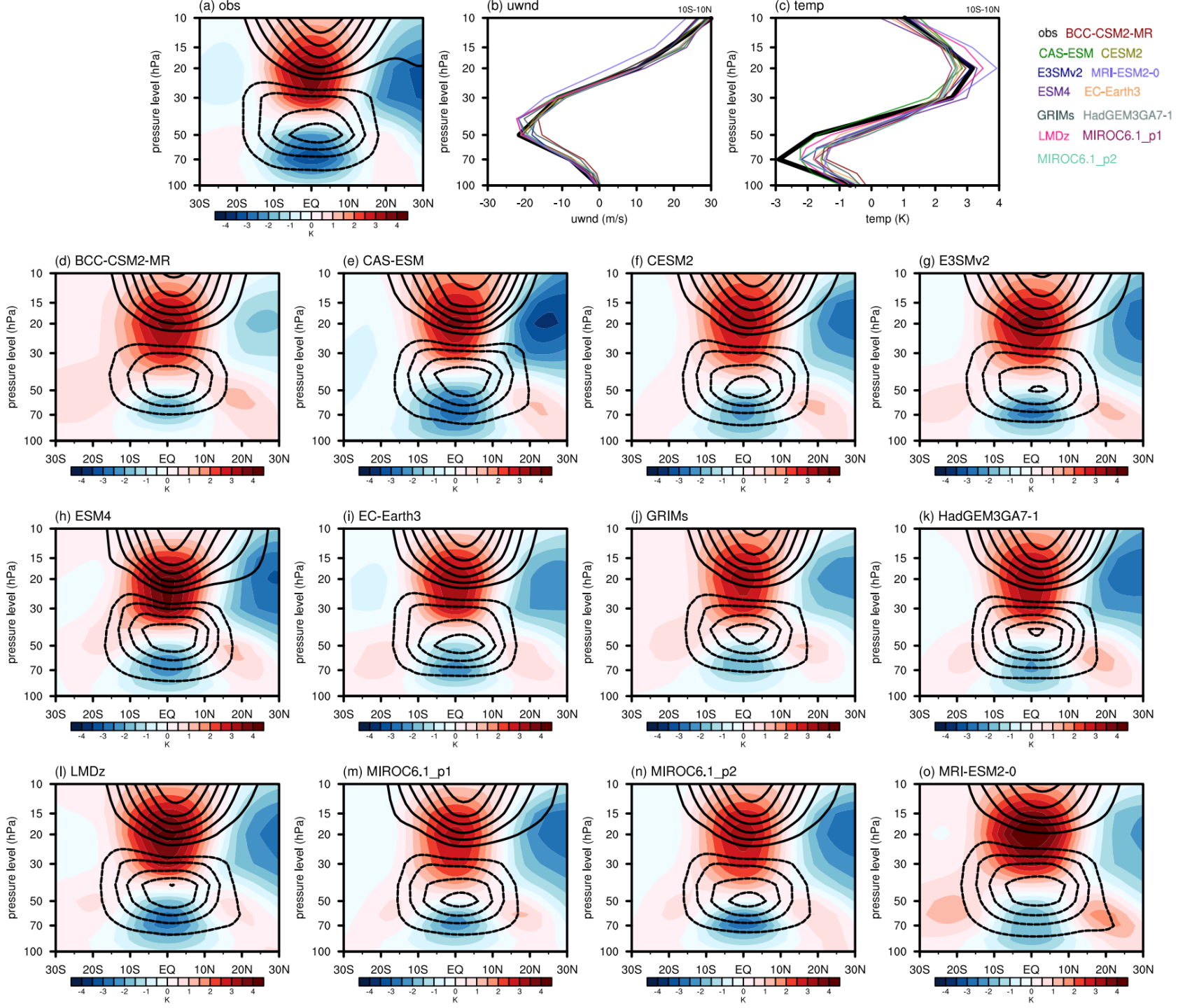

(a) obs
(b) uwnd
10S-10N
(c) temp
10S-10N
pressure level (hPa)
uwnd (m/s)
temp (K)
K
obs BCC-CSM2-MR
CAS-ESM CESM2
E3SMv2 MRI-ESM2-0
ESM4 EC-Earth3
GRIMs HadGEM3GA7-1
LMDz MIROC6.1_p1
MIROC6.1_p2
(d) BCC-CSM2-MR
(e) CAS-ESM
(f) CESM2
(g) E3SMv2
(h) ESM4
(i) EC-Earth3
(j) GRIMs
(k) HadGEM3GA7-1
(l) LMDz
(m) MIROC6.1_p1
(n) MIROC6.1_p2
(o) MRI-ESM2-0
30S 20S 10S EQ 10N 20N 30N