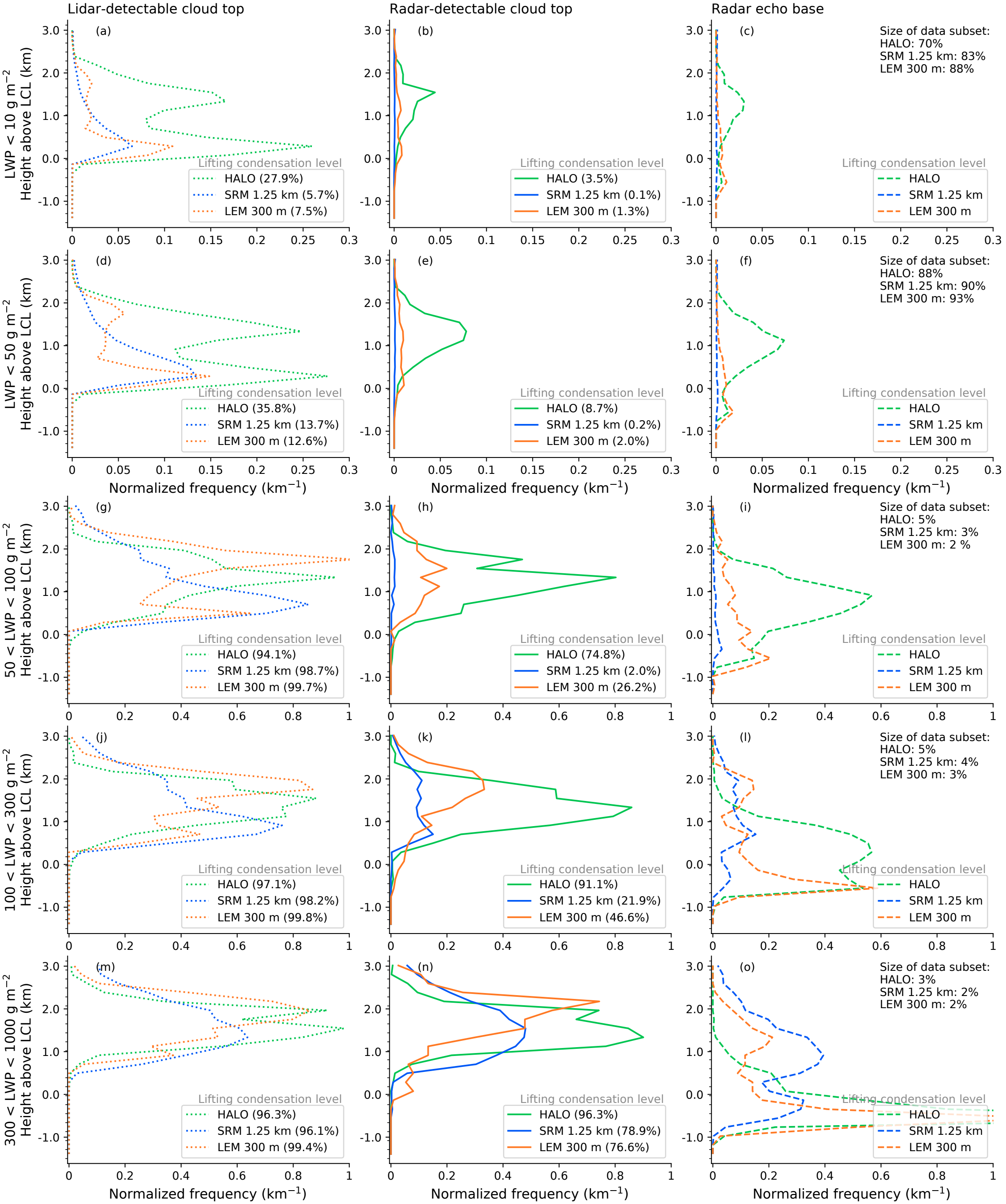
Lidar-detectable cloud top
Radar-detectable cloud top
Radar echo base
LWP < 10 g m^{-2}
Height above LCL (km)
LWP < 50 g m^{-2}
50 < LWP < 100 g m^{-2}
100 < LWP < 300 g m^{-2}
300 < LWP < 1000 g m^{-2}
Normalized frequency (km^{-1})
(a)
Lifting condensation level
HALO (27.9%)
SRM 1.25 km (5.7%)
LEM 300 m (7.5%)
(b)
HALO (3.5%)
SRM 1.25 km (0.1%)
LEM 300 m (1.3%)
(c)
Size of data subset:
HALO: 70%
SRM 1.25 km: 83%
LEM 300 m: 88%
HALO
SRM 1.25 km
LEM 300 m
(d)
HALO (35.8%)
SRM 1.25 km (13.7%)
LEM 300 m (12.6%)
(e)
HALO (8.7%)
SRM 1.25 km (0.2%)
LEM 300 m (2.0%)
(f)
Size of data subset:
HALO: 88%
SRM 1.25 km: 90%
LEM 300 m: 93%
(g)
HALO (94.1%)
SRM 1.25 km (98.7%)
LEM 300 m (99.7%)
(h)
HALO (74.8%)
SRM 1.25 km (2.0%)
LEM 300 m (26.2%)
(i)
Size of data subset:
HALO: 5%
SRM 1.25 km: 3%
LEM 300 m: 2 %
(j)
HALO (97.1%)
SRM 1.25 km (98.2%)
LEM 300 m (99.8%)
(k)
HALO (91.1%)
SRM 1.25 km (21.9%)
LEM 300 m (46.6%)
(l)
Size of data subset:
HALO: 5%
SRM 1.25 km: 4%
LEM 300 m: 3%
(m)
HALO (96.3%)
SRM 1.25 km (96.1%)
LEM 300 m (99.4%)
(n)
HALO (96.3%)
SRM 1.25 km (78.9%)
LEM 300 m (76.6%)
(o)
Size of data subset:
HALO: 3%
SRM 1.25 km: 2%
LEM 300 m: 2%