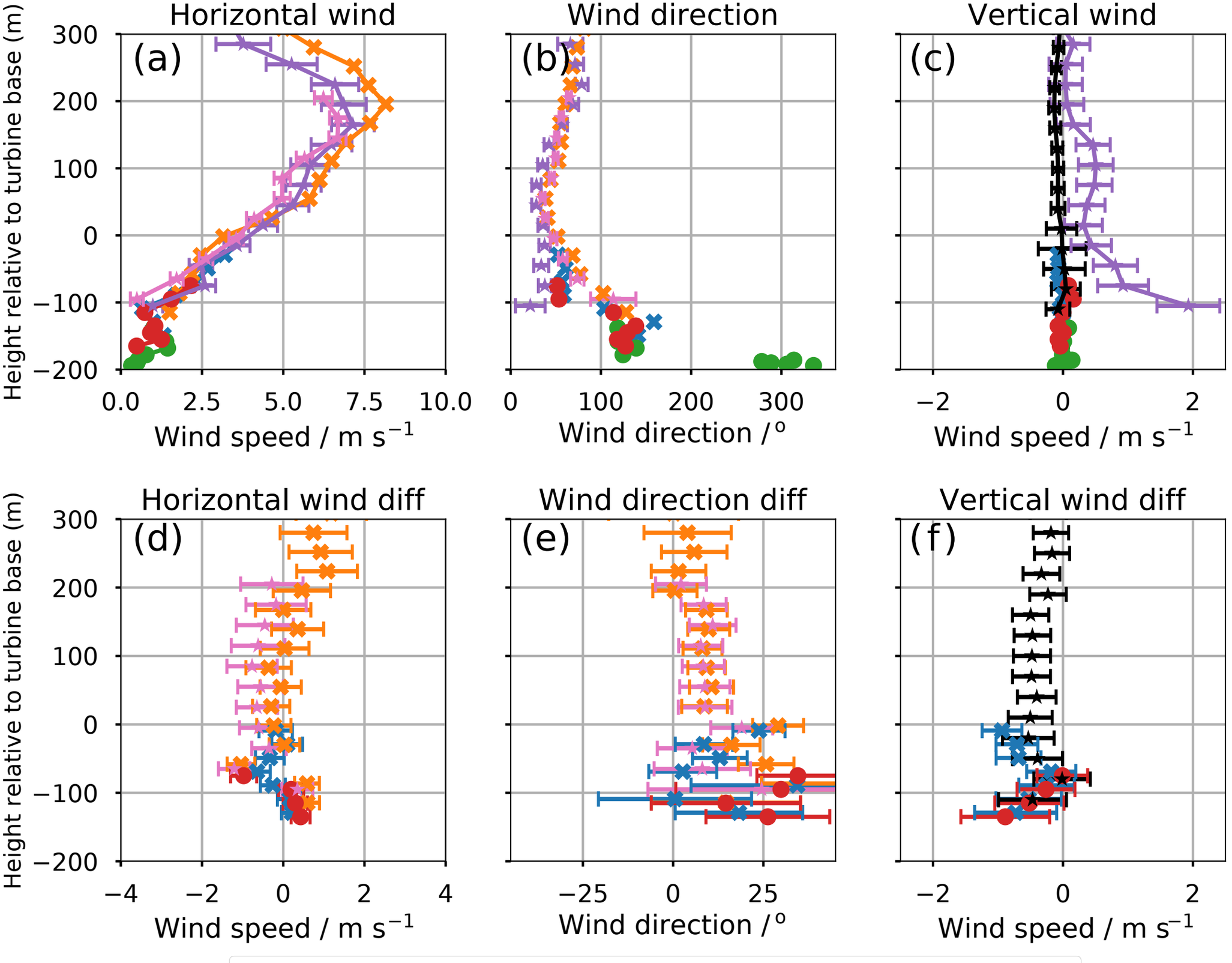
Horizontal wind
Wind direction
Vertical wind
(a)
(b)
(c)
Height relative to turbine base (m)
300
200
100
0
−100
−200
0.0
2.5
5.0
7.5
10.0
Wind speed / m s^{-1}
0
100
200
300
Wind direction / °
−2
0
2
Wind speed / m s^{-1}
Horizontal wind diff
Wind direction diff
Vertical wind diff
(d)
(e)
(f)
−4
−2
0
2
4
Wind speed / m s^{-1}
−25
0
25
Wind direction / °
−2
0
2
Wind speed / m s^{-1}
CU DBS
CLAMPS VAD
Tower 9
Tower 25
Virtual tower 3
Virtual tower 1
Virtual tower 2
Virutal tower 4
OU DL stare