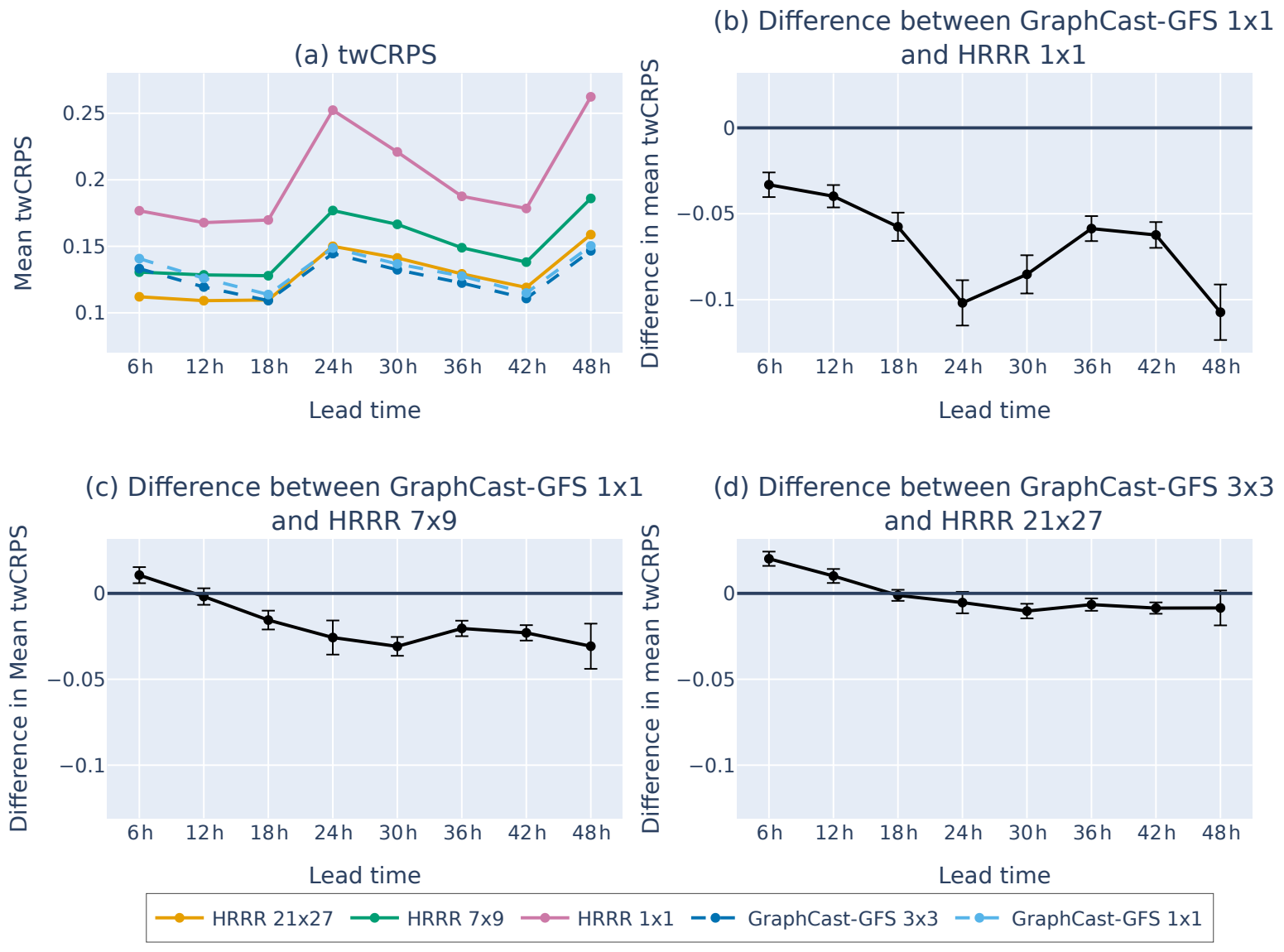

(a) twCRPS
Mean twCRPS
0.25
0.2
0.15
0.1
6h
12h
18h
24h
30h
36h
42h
48h
Lead time
(b) Difference between GraphCast-GFS 1x1 and HRRR 1x1
Difference in mean twCRPS
0
−0.05
−0.1
Lead time
(c) Difference between GraphCast-GFS 1x1 and HRRR 7x9
Difference in Mean twCRPS
Lead time
(d) Difference between GraphCast-GFS 3x3 and HRRR 21x27
Difference in mean twCRPS
Lead time
HRRR 21x27
HRRR 7x9
HRRR 1x1
GraphCast-GFS 3x3
GraphCast-GFS 1x1