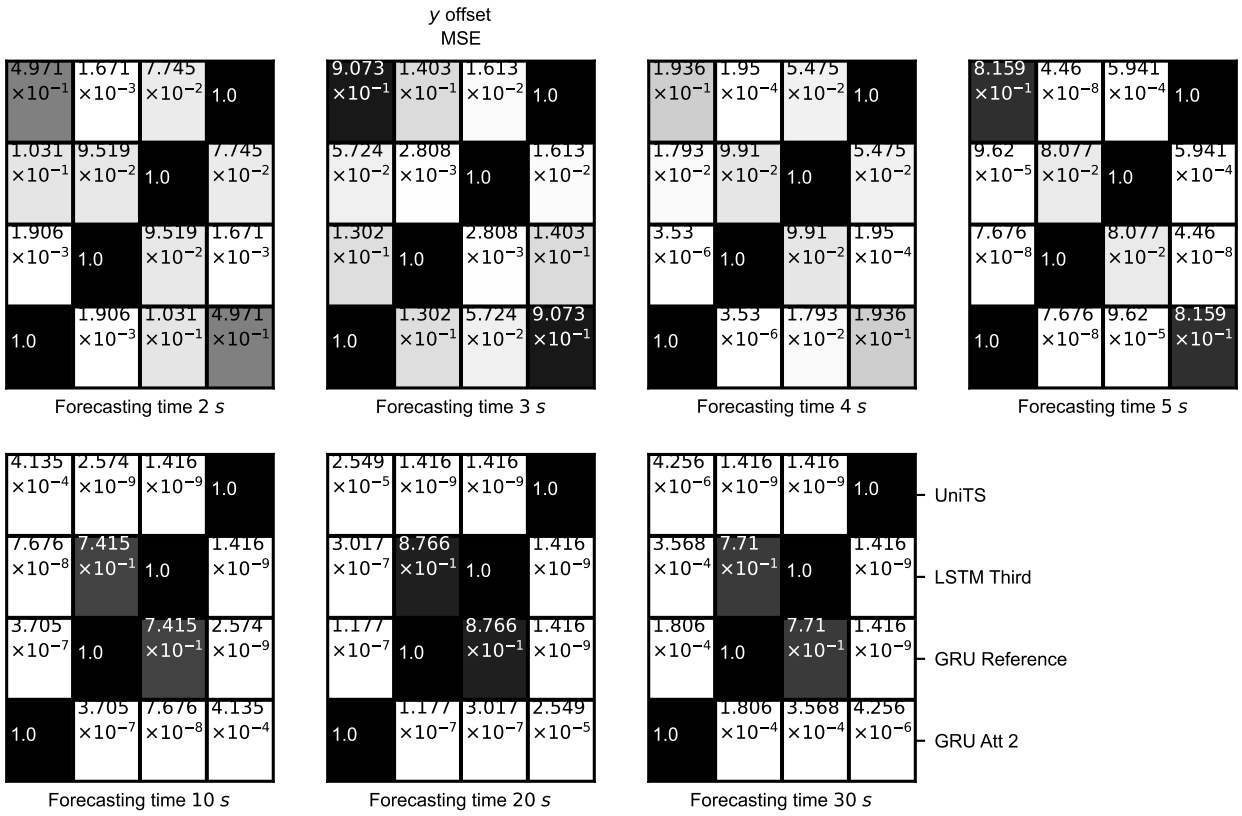
y offset
MSE
4.971 ×10−1
1.671 ×10−3
7.745 ×10−2
1.0
1.031 ×10−1
9.519 ×10−2
1.0
7.745 ×10−2
1.906 ×10−3
1.0
9.519 ×10−2
1.671 ×10−3
1.0
1.906 ×10−3
1.031 ×10−1
4.971 ×10−1
Forecasting time 2 s
9.073 ×10−1
1.403 ×10−1
1.613 ×10−2
1.0
5.724 ×10−2
2.808 ×10−3
1.0
1.613 ×10−2
1.302 ×10−1
1.0
2.808 ×10−3
1.403 ×10−1
1.0
1.302 ×10−1
5.724 ×10−2
9.073 ×10−1
Forecasting time 3 s
1.936 ×10−1
1.95 ×10−4
5.475 ×10−2
1.0
1.793 ×10−2
9.91 ×10−2
1.0
5.475 ×10−2
3.53 ×10−6
1.0
9.91 ×10−2
1.95 ×10−4
1.0
3.53 ×10−6
1.793 ×10−2
1.936 ×10−1
Forecasting time 4 s
8.159 ×10−1
4.46 ×10−8
5.941 ×10−4
1.0
9.62 ×10−5
8.077 ×10−2
1.0
5.941 ×10−4
7.676 ×10−8
1.0
8.077 ×10−2
4.46 ×10−8
1.0
7.676 ×10−8
9.62 ×10−5
8.159 ×10−1
Forecasting time 5 s
4.135 ×10−4
2.574 ×10−9
1.416 ×10−9
1.0
7.676 ×10−8
7.415 ×10−1
1.0
1.416 ×10−9
3.705 ×10−7
1.0
7.415 ×10−1
2.574 ×10−9
1.0
3.705 ×10−7
7.676 ×10−8
4.135 ×10−4
Forecasting time 10 s
2.549 ×10−5
1.416 ×10−9
1.416 ×10−9
1.0
3.017 ×10−7
8.766 ×10−1
1.0
1.416 ×10−9
1.177 ×10−7
1.0
8.766 ×10−1
1.416 ×10−9
1.0
1.177 ×10−7
3.017 ×10−7
2.549 ×10−5
Forecasting time 20 s
4.256 ×10−6
1.416 ×10−9
1.416 ×10−9
1.0
3.568 ×10−4
7.71 ×10−1
1.0
1.416 ×10−9
1.806 ×10−4
1.0
7.71 ×10−1
1.416 ×10−9
1.0
1.806 ×10−4
3.568 ×10−4
4.256 ×10−6
Forecasting time 30 s
UniTS
LSTM Third
GRU Reference
GRU Att 2