	0.0 0.0 0.0 0.0 0.0 0.0 1.0	0.0(0.540.0 0.0(0.148.0 1.0	0.049.140.0 0.0 0.0 0.0 1.0 0.0470.040.0 0.0 0.0 0.0 1.0
x offset RMSE	0.0 0.0 0.0 0.0 0.0 1.0 0.0	0.0 0.0 0.01 5 .03 0 .001.0 0.0	0.0 0.0 0.0 2.0 5.0 1.0 0.0 0.0 0.0 0.670.3 0.692.0 0.0
	0.0 0.0 0.0 0.06 1.0 0.0 0.0	0.0 2 0.0 7 0 .0 6 0 .3 3 1.0 0.0 0 5 .148	0.0 0.0 0.42 0.833.0 0.05 9.0 0.0 0.0 0.14 0.853.0 0.69 0.0
	0.0220.006.2 1.0 0.0630.0 0.0	0.0(0.0(6.41 1.0 0.33 9.03 0.001	0.0 0.0 0.833.0 0.830.00 5 .0 0.0 0.0 0.171.0 0.850.35 9 .0
	0.1480.031.0 0.2 0.0 0.0 0.0	0.0 0.0 1.0 0.410.0670.015.0	0.0 0.0 1.0 0.830.42 6 .01 2 .0 0.0 0.0 1.0 0.17 3 .14 0.670.0
	0.02 1.0 0.03 20.04 6.0 0.0 0.0	0.10 1.0 0.0 0.00 6.07 0.0 0.54	0.578.0 0.0 0.0 0.0 0.0 0.191 0.853.0 0.0 0.0 0.0 0.0 0.0 0.0
	1.0 0.02 6 .14 8 .02 2 .0 0.0 0.0	1.0 0.10 0.00 0.00 0.02 0.0 0.001	1.0 0.570.0 0.0 0.0 0.0 0.0 9 1.0 0.850.0 0.0 0.0 0.0 0.0 0.027
	Forecasting time 2 s	Forecasting time 3 s	Forecasting time 4 s Forecasting time 5 s
	0.0 0.0 0.0 0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0 0.0 0.0 1.0
y offset RMSE	0.44 20.0 0.35 30.49 0.50 30.0 0.0	0.0 0.0 0.20 0.56 0.542.0 0.0	0.0 0.0 0.3 0.0 0.0 1.0 0.0
	0.45 3 .0 0.61 6 .45 1 .0 0.50 0 .0	0.0 0.0 0.596.874.0 0.540.0	0.0 0.0 0.0 7.1(1.0 0.0(2.0
	0.3\$ 6.0 0.45 1.0 0.45 8.4\$ 0.0	0.0 0.0 0.2 1.0 0.870.560.0	0.0 0.000.001.0 0.100.0 0.0
	0.45 8.0 1.0 0.45 0.61 0.35 8.0	0.0 0.0 1.0 0.2 0.590.263.0	0.0 0.0 1.0 0.0(0.010.3 0.0
	0.0 1.0 0.0 0.0 0.0 0.0 0.0	0.0 1.0 0.0 0.0 0.0 0.0 0.0	0.04 1.0 0.0 0.00 0.0 0.0 0.0
	1.0 0.0 0.45 8.39 6.45 8.44 2.0	1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.048.0 0.0 0.0 0.0 0.0
	Forecasting time 10 s	Forecasting time 20 s	Forecasting time 30 s
	Torecasting time 10 3	Torecasting time 20 3	r orecasting time 50.3
	0.0 0.0420.0 0.0630.10 0.0 1.0	0.00 0.87 0.00 1.0 0.00 9.0 1.0	0.345.046.0 0.0 0.040.0 1.0 0.047.345.0 0.0 0.0 0.0 1.0
	0.0 0.0 0.0 0.0 0.0 1.0 0.0	0.0 0.0 0.0 0.0 0.0 1.0 0.0	0.0 0.0 0.048.010.0 1.0 0.0 0.0 0.0 0.240.160.0 1.0 0.0
	0.38 0.14 0.09 0.27 1.0 0.0 0.101	0.019.0270.000.021.0 0.0 0.009	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	0.970.2 0.00 1.0 0.27 5.0 0.063	0.27 0.71 0.00 1.0 0.02 20.0 1.0	0.0 0.0 0.161.0 0.210.010.0 0.0 0.0 0.261.0 0.06 0.164.0
	0.00 4.0 1.0 0.00 8.09 0.0 0.0	0.0 0.00 1.0 0.00 5.00 0.0 0.00 1	0.0 0.0 1.0 0.14 2.04 2.04 3.0 0.0 0.0 1.0 0.25 2.02 6.24 0.0
	0.0 1.0 0.0 0.2 0.14 0.0 0.042	0.12 1.0 0.00 0.71 0.02 0.0 0.87	0.02 1.0 0.0 0.0 0.00 0.00 0.00 6 0.01 1.0 0.0 0.0 0.0 0.0 0.353
	1.0 0.0 0.00 0.970.38 0.0 0.0	1.0 0.12 0.0 0.27 5 .01 9 .0 0.00 1	1.0 0.02 6 .0 0.0 0.010.0 0.325 1.0 0.014.0 0.0 0.0 0.0 0.0 0.0 7
	Forecasting time 2 s	Forecasting time 3 s	Forecasting time 4 s Forecasting time 5 s
	0.0 0.0 0.0 0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0 0.0 0.0 1.0 L UniTS
	0.79 0.0 0.958.56 0.18 1.0 0.0	0.0 0.0 0.04 20.0 0.41 1.0 0.0	0.0 0.0 0.08 0.89 0.27 1.0 0.0 - RNN Linear
	0.81 0.0 0.89 5.95 8.0 0.18 2.0	0.0 0.0 0.50 0.01 1.0 0.41 0.0	0.0 0.0 0.850.07 1.0 0.27 5.0 LSTM Third
	0.95 <mark>0.0</mark> 0.79 1 .0 0.95 8 .56 0 .0	0.0 0.0 0.09 1.0 0.01 70.0 0.0	0.0 0.0 0.04 1.0 0.07 0.89 0.0 LSTM Linear
	0.73 0.0 1.0 0.79 0.89 6.95 0.0	0.0 0.0 1.0 0.09 0.50 0.04 22.0	0.0 0.0 1.0 0.04 0.85 0.08 0.0 - GRU Reference
	0.0 1.0 0.0 0.0 0.0 0.0 0.0	0.0 1.0 0.0 0.0 0.0 0.0 0.0	0.03 1.0 0.0 0.0 0.0 0.0 0.0 - GRU Att 2
	1.0 0.0 0.730.958.812.790.0	1.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.03 4 .0 0.0 0.0 0.0 0.0 - GRU Att 1
	Forecasting time 10 s	Forecasting time 20 s	Forecasting time 30 s