

E100LR1:

Index	MAE	TS	MSE	RSFE
E:100_LR:1_Day	10.3997	-7.83346	164.722	-43.9058
E:100_LR:1_Month	2.06666	-inf	6.80645	-43.9058

E200LR1:

Index	MAE	TS	MSE	RSFE
E:200_LR:1_Day	10.3129	-7.54157	160.795	-42.189
E:200_LR:1_Month	2.06438	-8.84767e+07	6.80179	-42.189

E300LR1:

Index	MAE	TS	MSE	RSFE
E:300_LR:1_Day	10.2226	-7.23655	156.882	-40.4019
E:300_LR:1_Month	2.06201	-8.47289e+07	6.79713	-40.4019

E500LR1:

Index	MAE	TS	MSE	RSFE
E:500_LR:1_Day	10.2596	-7.36183	158.466	-41.1351
E:500_LR:1_Month	2.06299	-8.62665e+07	6.79902	-41.1351

E1000LR1:

Index	MAE	TS	MSE	RSFE
E:1000_LR:1_Day	10.2596	-7.36182	158.465	-41.135
E:1000_LR:1_Month	2.06299	-8.62663e+07	6.79902	-41.135

E100LR.1:

Index	MAE	TS	MSE	RSFE
E:100_LR:1_Day	10.4706	-8.07089	168.05	-45.3072
E:100_LR:1_Month	2.06852	-inf	6.8104	-45.3072

E200LR.1:

Index	MAE	TS	MSE	RSFE
E:200_LR:1_Day	10.0254	-7.68786	154.905	-45.0593
E:200_LR:1_Month	2.09976	-192.542	6.89557	-45.0593

E300LR.1:

Index	MAE	TS	MSE	RSFE
E:300_LR:1_Day	9.52987	-6.1167	133.409	-36.0924
E:300_LR:1_Month	2.09026	-170.36	6.86433	-36.0924

E500LR.1:

Index	MAE	TS	MSE	RSFE
E:500_LR:.1_Day	10.0729	-7.09256	152.616	-39.7975
E:500_LR:.1_Month	2.06535	-965.051	6.80509	-39.7975

E1000LR.1:

Index	MAE	TS	MSE	RSFE
E:1000_LR:.1_Day	9.3271	-4.75596	128.137	-26.3411
E:1000_LR:.1_Month	2.0625	-372.13	6.77971	-26.3411

E100LR.01:

Index	MAE	TS	MSE	RSFE
E:100_LR:.01_Day	9.71624	-7.67701	152.822	-47.7197
E:100_LR:.01_Month	2.10287	-227.093	6.91639	-47.7197

E200LR.01:

Index	MAE	TS	MSE	RSFE
E:200_LR:.01_Day	9.89566	-7.32661	151.298	-43.1194
E:200_LR:.01_Month	2.08128	-397.999	6.83994	-43.1194

E300LR.01:

Index	MAE	TS	MSE	RSFE
E:300_LR:.01_Day	13.4161	-6.98506	218.122	-64.1026
E:300_LR:.01_Month	2.13563	-176.095	6.98074	-64.1026

E500LR.01:

Index	MAE	TS	MSE	RSFE
E:500_LR:.01_Day	10.7722	-9.66245	192.142	-57.8353
E:500_LR:.01_Month	2.09631	-509.212	6.89093	-57.8353

E1000LR.01:

Index	MAE	TS	MSE	RSFE
E:1000_LR:.01_Day	9.48966	-7.93778	152.939	-45.9307
E:1000_LR:.01_Month	2.09714	-169.239	6.89315	-45.9307

E100LR.001:

Index	MAE	TS	MSE	RSFE
E:100_LR:.001_Day	13.3778	-13.4341	282.678	-79.748
E:100_LR:.001_Month	2.11377	-3413.16	6.94474	-79.748

E200LR.001:

Index	MAE	TS	MSE	RSFE
E:200_LR:.001_Day	11.0294	-6.28577	201.817	-56.24
E:200_LR:.001_Month	2.19567	-115.742	7.2809	-56.24

E300LR.001:

Index	MAE	TS	MSE	RSFE
E:300_LR:.001_Day	8.9744	-5.88837	126.905	-43.9875
E:300_LR:.001_Month	2.10022	-245.83	6.91535	-43.9875

E500LR.001:

Index	MAE	TS	MSE	RSFE
E:500_LR:.001_Day	13.3314	-12.2737	271.379	-79.9882
E:500_LR:.001_Month	2.11928	-1491.84	6.96406	-79.9882

E1000LR.001:

Index	MAE	TS	MSE	RSFE
E:1000_LR:.001_Day	11.6469	-9.6472	211.542	-69.8814
E:1000_LR:.001_Month	2.12485	-352.066	7.00544	-69.8814

E100LR.0001:

Index	MAE	TS	MSE	RSFE
E:100_LR:.0001_Day	10.19	-7.13287	155.923	-40.7188
E:100_LR:.0001_Month	2.06613	-1426.91	6.80943	-40.7188

E200LR.0001:

Index	MAE	TS	MSE	RSFE
E:200_LR:.0001_Day	9.16501	-3.38937	121.506	-19.6127
E:200_LR:.0001_Month	2.06264	-391.339	6.78767	-19.6127

E300LR.0001:

Index	MAE	TS	MSE	RSFE
E:300_LR:.0001_Day	9.76628	-3.15572	153.382	-29.4218
E:300_LR:.0001_Month	2.12804	-93.8123	7.009	-29.4218

E500LR.0001:

Index	MAE	TS	MSE	RSFE
E:500_LR:.0001_Day	9.66767	-3.20871	174.908	-33.7975
E:500_LR:.0001_Month	2.15395	-82.9383	7.11637	-33.7975

E1000LR.0001:

Index	MAE	TS	MSE	RSFE
E:1000_LR:.0001_Day	11.0735	-0.583318	173.897	-4.66439
E:1000_LR:.0001_Month	2.15289	-10.4783	7.19774	-4.66439

E100LR.00001:

Index	MAE	TS	MSE	RSFE
E:100_LR:.00001_Day	10.3372	-7.34472	160.759	-42.1512
E:100_LR:.00001_Month	2.0664	-1880.73	6.81169	-42.1512

E200LR.00001:

Index	MAE	TS	MSE	RSFE
E:200_LR:.00001_Day	10.0742	-6.70164	151.681	-40.0616
E:200_LR:.00001_Month	2.06632	-1328.16	6.81807	-40.0616

E300LR.00001:

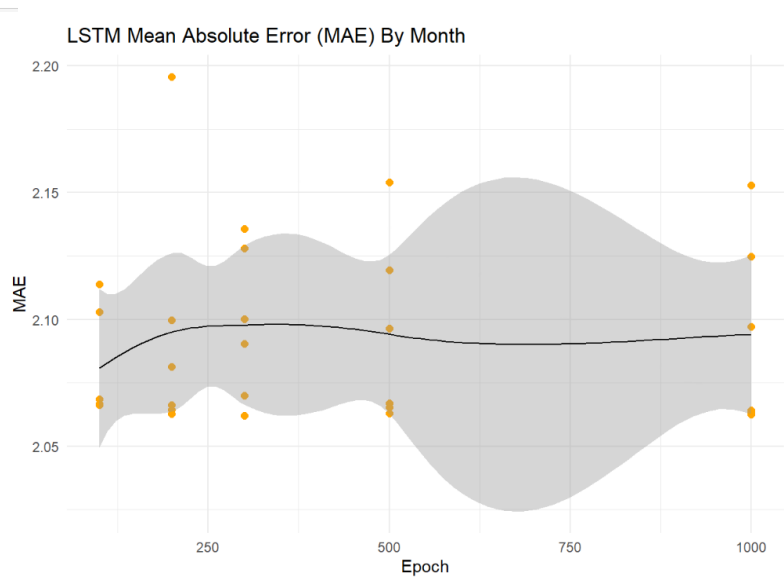
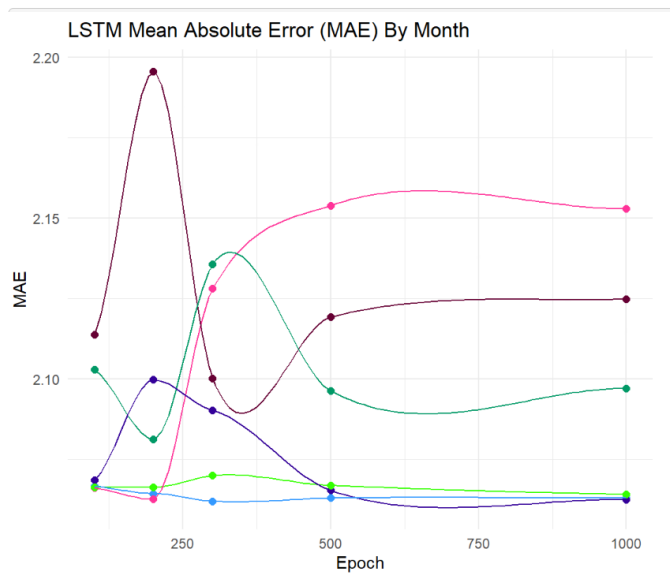
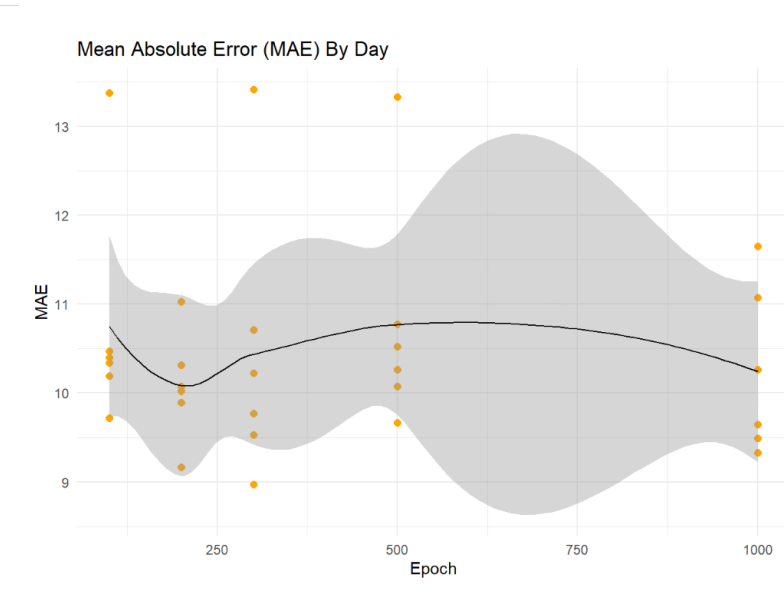
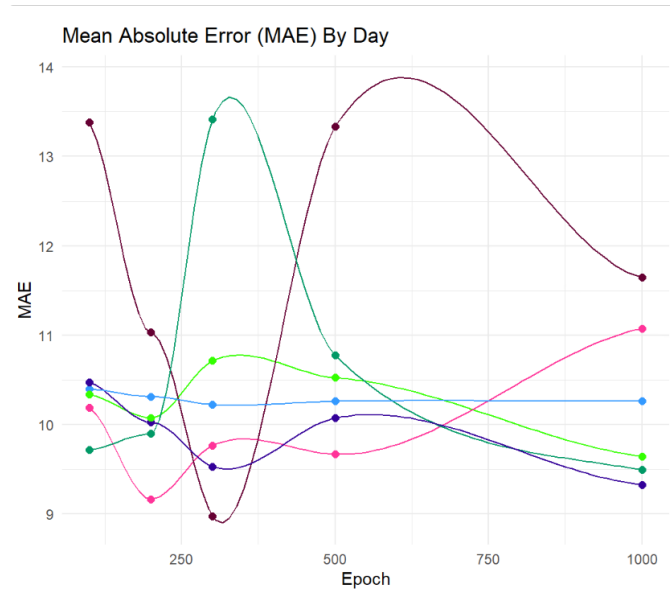
Index	MAE	TS	MSE	RSFE
E:300_LR:.00001_Day	10.7129	-7.64547	170.308	-43.5332
E:300_LR:.00001_Month	2.07001	-1238.82	6.8361	-43.5332

E500LR.00001:

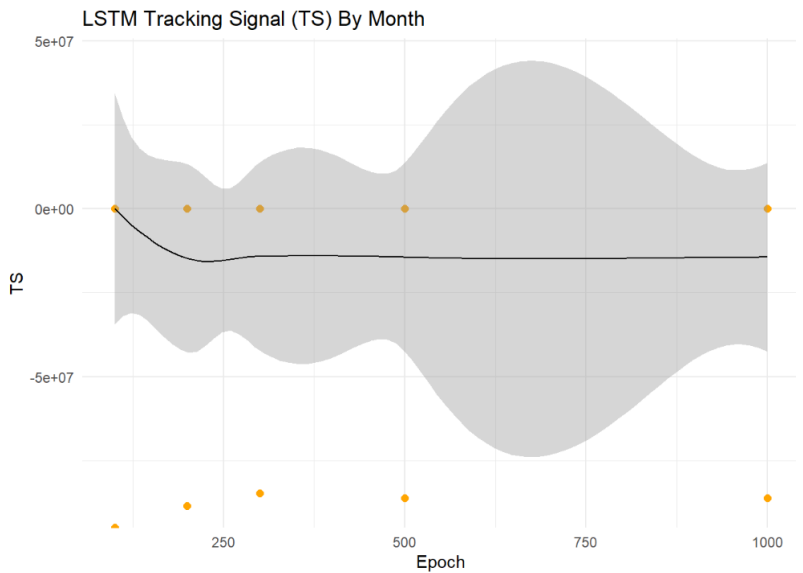
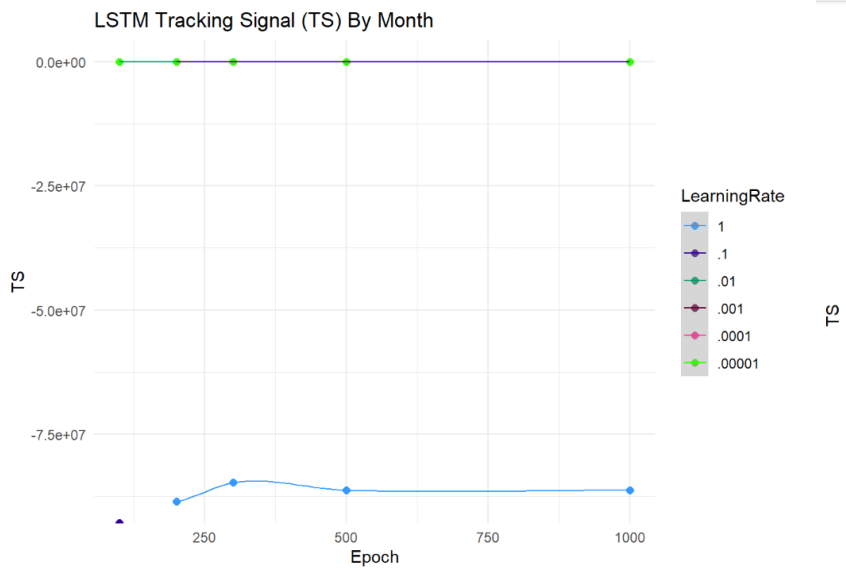
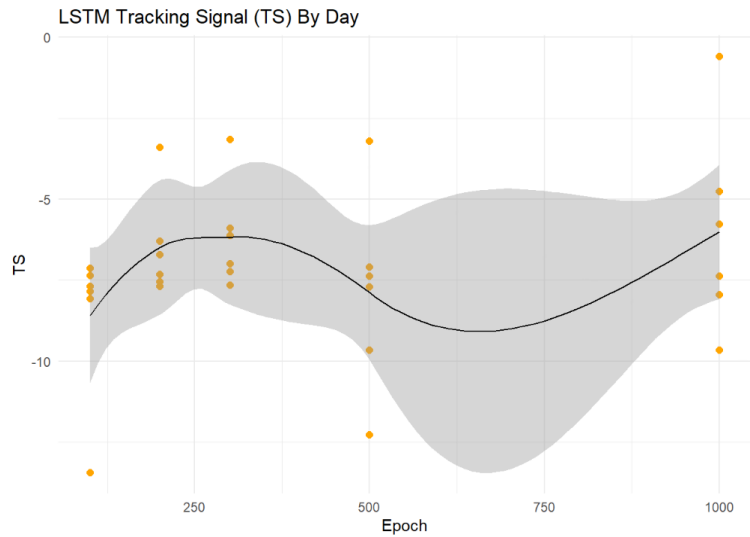
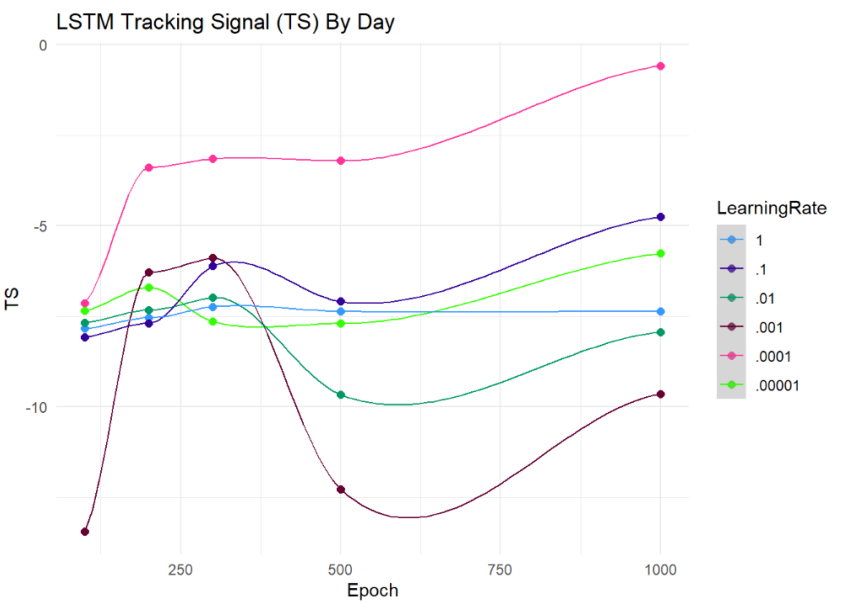
Index	MAE	TS	MSE	RSFE
E:500_LR:.00001_Day	10.5237	-7.69764	166.957	-43.2668
E:500_LR:.00001_Month	2.06694	-1857.83	6.8077	-43.2668

E1000LR.00001:

Index	MAE	TS	MSE	RSFE
E:1000_LR:.00001_Day	9.64433	-5.76503	137.825	-34.033
E:1000_LR:.00001_Month	2.06417	-697.635	6.80105	-34.033



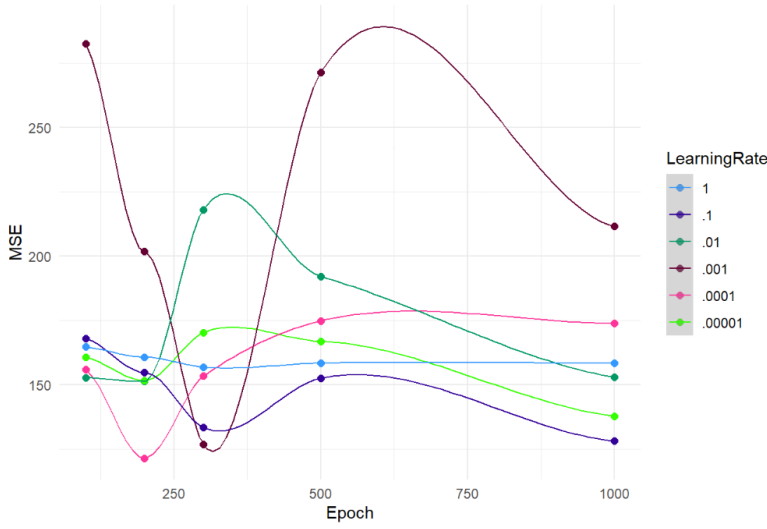
	MAE	TS	MSE	RSFE
SMS	14.33333	-0.09977042	273.1921	-27.25649
SMS_Holt	14.25714	-0.11334820	275.9996	-31.28405
Arima(5,3,2)	21.92698	-0.18701645	683.6952	-127.86225
Arima(0,1,1)	14.33333	-0.10298250	274.8022	-28.29982
Prophet	51.57745	-0.10845481	2853.3979	-309.46473
KNN	17.87109	-0.71145012	434.9774	70.29832
LSTM_ByMonth	14.33321	-1.22419925	252.7895	-2.92688



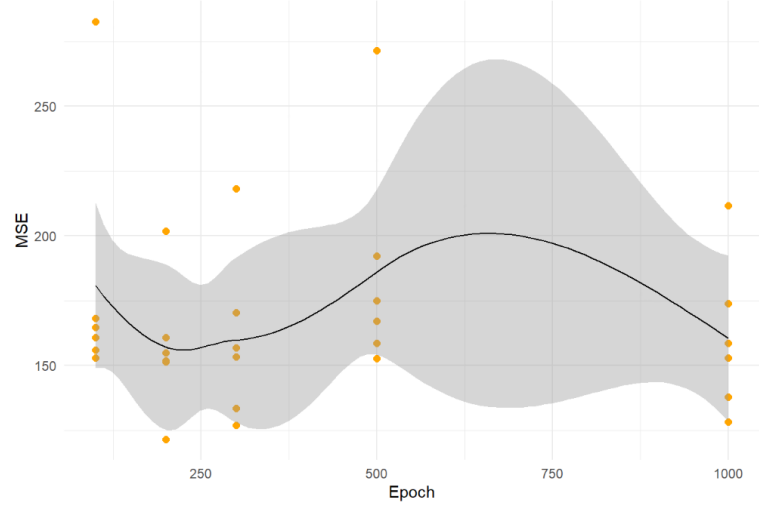
```
## by_month.TS
## 1 -Inf
## 2 -Inf
## 3 -2.270927e+02
## 4 -3.413163e+03
## 5 -1.426906e+03
## 6 -1.880730e+03
## 7 -8.847670e+07
## 8 -1.925424e+02
## 9 -3.979985e+02
## 10 -1.157418e+02
## 11 -3.913388e+02
## 12 -1.328160e+03
## 13 -8.472891e+07
## 14 -1.703595e+02
## 15 -1.760950e+02
## 16 -2.458303e+02
## 17 -9.381225e+01
## 18 -1.238821e+03
## 19 -8.626647e+07
## 20 -9.650508e+02
## 21 -5.092121e+02
## 22 -1.491838e+03
## 23 -8.293833e+01
## 24 -1.857835e+03
## 25 -8.626629e+07
## 26 -3.721304e+02
## 27 -1.692389e+02
## 28 -3.520664e+02
## 29 -1.047828e+01
## 30 -6.976351e+02
```

	MAE	TS	MSE	RSFE
SMS	14.33333	-0.09977042	273.1921	-27.25649
SMS_Holt	14.25714	-0.11334820	275.9996	-31.28405
Arima(5,3,2)	21.92698	-0.18701645	683.6952	-127.86225
Arima(0,1,1)	14.33333	-0.10298250	274.8022	-28.29982
Prophet	51.57745	-0.10845481	2853.3979	-309.46473
KNN	17.87109	-0.71145012	434.9774	70.29832
LSTM_ByMonth	14.33321	-1.22419925	252.7895	-2.92688

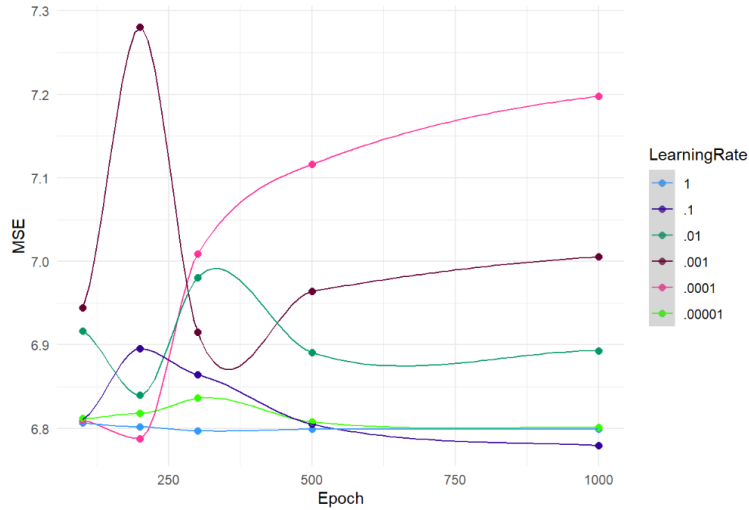
LSTM Mean Squarred Error (MSE) By Day



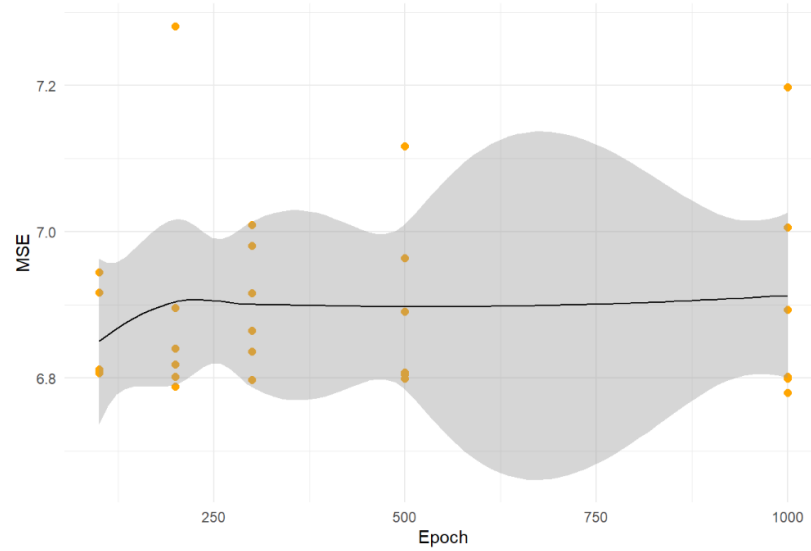
LSTM Mean Squarred Error (MSE) By Day



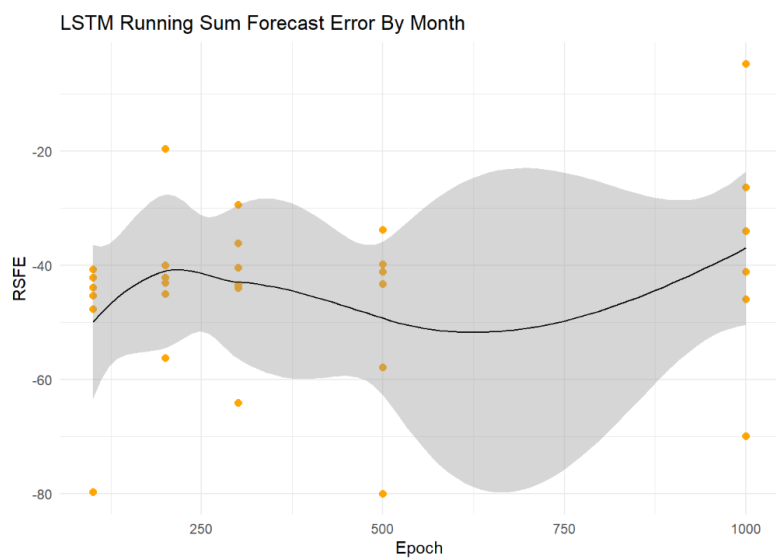
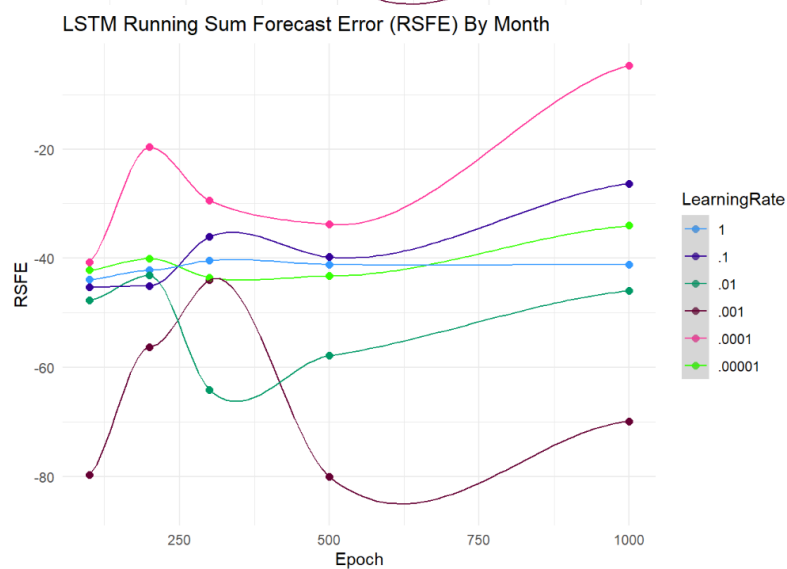
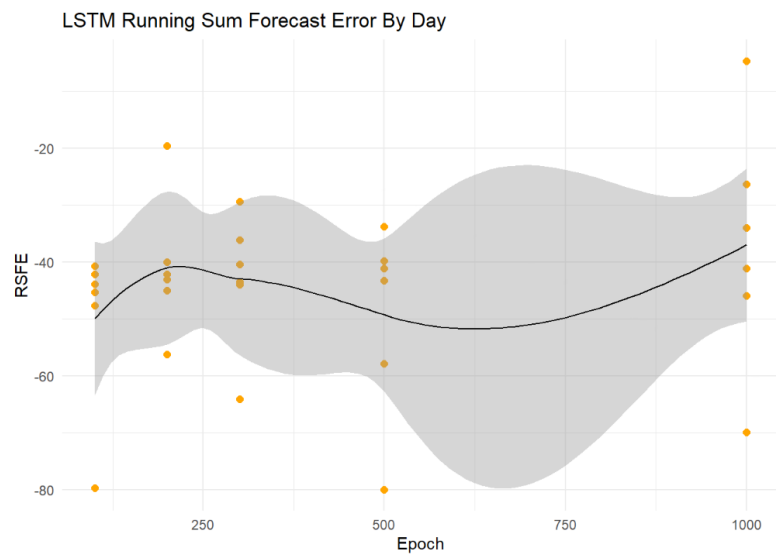
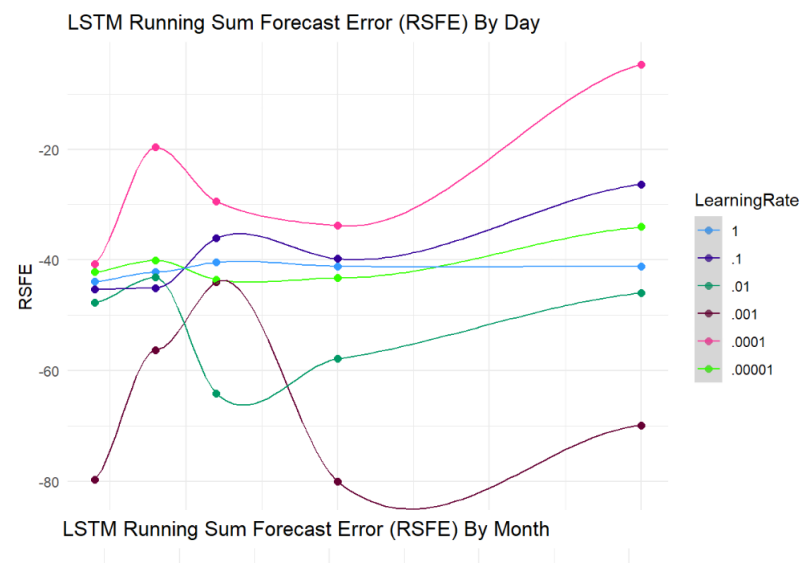
LSTM Mean Squarred Error (MSE) By Month



LSTM Mean Squarred Error (MSE) By Month



	MAE	TS	MSE	RSFE
SMS	14.33333	-0.09977042	273.1921	-27.25649
SMS_Holt	14.25714	-0.11334820	275.9996	-31.28405
Arima(5,3,2)	21.92698	-0.18701645	683.6952	-127.86225
Arima(0,1,1)	14.33333	-0.10298250	274.8022	-28.29982
Prophet	51.57745	-0.10845481	2853.3979	-309.46473
KNN	17.87109	-0.71145012	434.9774	70.29832
LSTM_ByMonth	14.33321	-1.22419925	252.7895	-2.92688



	MAE	TS	MSE	RSFE
SMS	14.33333	-0.09977042	273.1921	-27.25649
SMS_Holt	14.25714	-0.11334820	275.9996	-31.28405
Arima(5,3,2)	21.92698	-0.18701645	683.6952	-127.86225
Arima(0,1,1)	14.33333	-0.10298250	274.8022	-28.29982
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KNN	17.87109	-0.71145012	434.9774	70.29832
LSTM_ByMonth	14.33321	-1.22419925	252.7895	-2.92688