## 30 -1518.24 2244.69 1934.28 29 -1123.01 4353.56 1750.96 28 -1650.50 2034.31

2519.63

2492.23

2223.92

1443.48

1703.84

1296.31

1380.09

1258.90

1143.15

1323.25

1472.94

1327.70

1118.10

1254.50

1315.89

1450.07

1117.13

835.02

1861.32

824.79

1093.23

LR

27 -

26 -

25 -

24 -

23 -

22 -

21 -

20 -

19

12 -

11 -

10 -

9 -

8 -

7 -

6 -5 -

4 -3 -

2 -

1 -

1479.47

1025.26

951.10

876.30

919.53

768.53

834.86

1545.75

1505.52

491.81

694.79

958.65

695.50

1521.21

606.60

993.63

729.18

907.61

813.34

1195.60

1047.11

828.08

**GRU** 

2351.78 3063.62

1966.84 1682.74 1562.48

1247.23

1092.80

1511.24

1548.92

1939.90

1739.81

1344.87

1145.47

1276.10

1769.30

1677.60

979.62

1292.06

952.41

1242.29

1593.44

1311.74

1165.54

1200.90

1106.85

1380.42

1257.73

1227.05

838.92

LSTM

Model

**RMSE Heatmap** 

984.58 846.72 848.04 727.61

769.19

1050.67

1336.67

1255.44

1034.72

1053.18

614.73

1015.95

1557.42

1508.51

513.38

1008.64

1021.27

909.20

1599.40

709.19

840.35

513.73

679.98

778.87

997.26

714.36

839.83

MLP

1216.19

1184.13

1320.57

1299.43

1158.63

1297.08

1164.98

974.55

992.43

853.96

1041.59

958.07

894.62

1071.36

1272.58

962.90

774.22

1119.69

1130.26

1006.04

1096.40

795.55

1134.35

885.57

1199.03

1126.09

1180.14

1049.49

1110.58

648.14

1167.32

1002.50

1035.10

RF

1326.47 902.64 958.81 741.37 1204.98 1118.60 1168.18 976.00 1343.37 4000

- 3500

- 3000

- 2500

- 2000

- 1500

- 1000

500

1254.43

1172.24

1451.70

993.57

795.26

1141.26

1182.48

1046.11

1179.92

840.82

1142.54

1009.50

1168.05

1109.68

1153.40

1025.50

1110.65

731.16

1309.85

974.49

1229.87

**XGBoost** 

697.96 3976.15 1020.35 3227.10 1095.14 2794.08 1093.23 2383.26 1187.46 1833.62