R2 Heatmap 30 -0.593 0.221 0.347 0 29 -0.669 0 0.330 0.603 28 -0.579 0

0

0

0

0

0

0

0

0

0.305

0.140

0

0.324

0.239

0.432

0.431

0.405

0.221

0.341

0.663

0.563

0.537

0.369

0.613

0.810

0.270

0.704

0.718

LR

27 -

26 -

25 -

24 -

23 -

22 -

21 -

20 -

19 -

13 -

12 -

11 -

10 -

9 -

8 -

7 -

6 -5 -

4 -

3 -

2 -

1 -

0.582

0.705

0.667

0.689

0.687

0.718

0.735

0.687

0.583

0.738

0.740

0.446

0.438

0.545

0.505

0.790

0.359

0.675

0.506

0.561

0.521

0.504

0.502

0.770

0.510

0.490

0.669

GRU

0.231 0.562 0.362 0.510 0.380

0.347

0.381

0.380

0.287

0.366

0.322

0.283

0.364

0.301

0.287

0.299

0.283

0.340

0.404

0.289

0.354

0.245

0.331

0.345

0.355

0.412

0.671

0.467

0.413

0.660

LSTM

Model

0.492 0.542 0.634

0.650

0.620

0.543

0.528

0.109

0.126

0.452

0.444

0.323

0.680

0.422

0.616

0.553

0.547

0.497

0.526

0.506

0.601

0.519

0.672

0.681

MLP

0.707 0.593 0.459

0.789 0.801 0.802 0.671 0.671 0.746 0.699

0.690

0.745

0.758

0.461

0.493

0.632

0.543

0.813

0.484

0.729

0.641

0.657

0.604

0.636

0.621

0.862

0.572

0.680

0.769

RF

0.705

0.704

0.646

0.804 0.850 0.727 0.691 0.710 0.747 0.672 0.770 0.774 0.447 0.451

0.611

0.488

0.819 0.473

0.734

0.621

0.656

0.613

0.649

0.624

0.789

0.591

0.654

0.667

XGBoost

0.747

0.743

0.549

0.591

0.817

- 0.8

- 0.7

- 0.6

- 0.5

- 0.4

- 0.3

- 0.2

- 0.1

0.0