R2 CPU Heatmap 0.300 30 -0.502 0.590 0.514 0.617 0.638 0.672 29 -0.615 0.595 0.568 0.301 0.822 0.800 0.796 0.740 0.808 0.775 28 -0.401 0.523 0.592 0.208 27 -0.443 0.465 0.510 0.053 0.601 0.605 0.676 0.102 26 -0.389 0.510 0.667 0.712 0.760 0.771 25 -0.361 0.539 0.520 0.110 0.836 0.854 0.730 24 -0.833 0.904 0.704 0.477 0.774 0.145 0.776 23 -0.765 0.484 0.717 0.219 0.730 0.821 0.785 22 -0.297 0.495 0.730 0.212 0.788 0.755 0.685 21 -0.544 0.542 0.449 0.337 0.682 0.751 0.696 20 -0.846 0.828 0.128 0.665 0.653 0.260 0.828 19 -0.253 0.584 0.724 0.239 0.675 0.713 0.760 18 --0.066 0.576 0.761 0.205 0.798 0.789 0.570 17 -0.110 0.804 0.836 0.547 0.609 0.699 0.679 16 -0.258 0.556 0.538 0.801 0.212 0.761 0.611

0.280

0.343

0.395

0.247

0.094

0.010

0.168

0.110

0.373

0.427

0.568

0.646

0.515

0.509

0.554

LSTM

Model

0.781

0.752

0.882

0.759

0.707

0.839

0.736

0.707

0.742

0.683

0.702

0.797

0.683

0.731

0.733

MLP

0.753

0.836

0.808

0.791

0.838

0.845

0.843

0.735

0.754

0.697

0.674

0.775

0.753

0.819

0.801

RF

0.744

0.758

0.804

0.690

0.776

0.796

0.816

0.569

0.567

0.362

0.430

0.641

0.524

0.777

0.804

XGBoost

sequence length

15 -

14 -

13 -

12 -

11 -

10 -

9 -

8 -

7 -

6 -

5 -

4 -

3 -

2 -

1 -

0.559

0.549

0.559

0.192

0.345

0.717

0.787

0.454

0.446

0.376

0.460

0.437

0.602

0.830

0.773

DT

0.478

0.424

0.567

0.549

0.493

0.530

0.610

0.530

0.587

0.519

0.627

0.701

0.728

0.664

0.639

GRU

0.731

0.746

0.852

0.731

0.686

0.742

0.746

0.723

0.788

0.821

0.794

0.846

0.899

0.879

0.852

LR

0.8

- 0.6

- 0.4

- 0.2

- 0.0