6	
5	
4	

6	
5	
4	
_	

-	0.6
-	0.5
-	0.4
-	0.3
-	0.2
-	0.1

```
R2 Throughput Heatmap
                                   0.042
                                                        0.547
  30 -
              0.370
                                                                             0.566
                                                                                                   0.597
                                                                                                                           - 0.8
  29 -
              0.321
                                                        0.576
                                                                             0.605
                                     0
                                                                                                   0.583
  28 -
              0.477
                                     0
                                                        0.418
                                                                             0.537
                                                                                                   0.431
  27 -
              0.502
                                     0
                                                        0.535
                                                                             0.629
                                                                                                   0.507
  26 -
              0.306
                                                        0.660
                                                                             0.702
                                                                                                   0.752
                                     0
                                                                                                                           - 0.7
  25 -
              0.395
                                     0
                                                        0.635
                                                                             0.703
                                                                                                   0.734
  24 -
              0.246
                                     0
                                                        0.613
                                                                             0.738
                                                                                                   0.802
                                                        0.593
                                                                             0.615
  23 -
              0.345
                                     0
                                                                                                   0.448
  22 -
              0.336
                                     0
                                                        0.469
                                                                             0.543
                                                                                                   0.393
  21 -
              0.357
                                     0
                                                        0.659
                                                                             0.671
                                                                                                   0.444
  20 -
              0.356
                                     0
                                                        0.698
                                                                             0.660
                                                                                                   0.702
  19 -
              0.365
                                   0.135
                                                        0.672
                                                                             0.573
                                                                                                   0.536
sequence length
  18 -
              0.385
                                   0.223
                                                        0.574
                                                                             0.662
                                                                                                   0.632
                                                                             0.695
  17 -
              0.502
                                     0
                                                        0.344
                                                                                                   0.668
              0.491
  16 -
                                   0.224
                                                        0.208
                                                                             0.427
                                                                                                   0.398
  15 -
              0.385
                                   0.173
                                                        0.392
                                                                             0.450
                                                                                                   0.393
  14 -
                                                        0.476
                                                                             0.572
                                                                                                   0.541
              0.453
                                   0.336
≝ 13 -
⊨ 12 -
              0.330
                                   0.389
                                                        0.345
                                                                             0.439
                                                                                                   0.349
              0.430
                                   0.290
                                                        0.617
                                                                             0.740
                                                                                                   0.713
  11 -
                                   0.087
                                                        0.329
                                                                             0.475
                                                                                                   0.451
              0.395
  10 -
                                   0.137
              0.291
                                                        0.592
                                                                             0.633
                                                                                                   0.501
    9 -
              0.395
                                   0.598
                                                        0.506
                                                                             0.542
                                                                                                   0.562
    8 -
              0.228
                                   0.480
                                                        0.452
                                                                             0.572
                                                                                                   0.593
              0.209
                                   0.411
    7 -
                                                        0.493
                                                                             0.527
                                                                                                   0.548
                                   0.143
              0.039
                                                        0.400
                                                                             0.543
                                                                                                   0.571
    6 -
    5 -
              0.252
                                   0.470
                                                        0.446
                                                                             0.466
                                                                                                   0.476
                                   0.710
                                                        0.694
                                                                             0.832
                                                                                                   0.778
              0.528
    4 -
    3 -
              0.558
                                     0
                                                        0.426
                                                                             0.543
                                                                                                   0.445
    2 -
              0.507
                                   0.716
                                                        0.655
                                                                             0.562
                                                                                                   0.603
              0.409
                                   0.556
                                                        0.523
                                                                             0.613
                                                                                                   0.438
    1 -
                                                                                                                            0.0
               GRU
                                     LR
                                                         MLP
                                                                               RF
                                                                                                 XGBoost
                                                        Model
```