## Gated Recurrent Unit (GRU) model MSE: 1733.4718, R<sup>2</sup>: 0.1053 CPU Predictions (RMSE: 0.2144, R2: 0.1370) 0.4 0.6 0.8 1.0 1.2 Real CPU Usage Memory Predictions (RMSE: 0.0237, R2: -0.0250) Prediction vs Real Memory 0.750 0.775 0.800 0.825 0.850 0.875 0.900 Real Memory Usage Throughput Predictions (MSE: 3002.4611, R2: 0.2038) Prediction vs Real Throughput Throughput reference line

12500

15000

17500

7500

5000

10000

Real Throughput Usage

1.25

1.00

0.75

0.50

0.25

0.00

0.85

0.80

0.75

15000

10000

5000

0.0

Predicted CPU Usage

Predicted Memory Usage

Predicted Throughput

Prediction vs Real CPU

Memory reference line

0.725

2500

0.2

CPU reference line