Gated Recurrent Unit (GRU) model MSE: 1556.6302, R²: -0.0177 CPU Predictions (RMSE: 0.1979, R2: 0.1336) 0.2 0.4 0.6 0.8 1.0 1.2 Real CPU Usage Memory Predictions (RMSE: 0.0221, R2: -0.3630) Prediction vs Real Memory 0.78 0.80 0.82 0.74 0.76 0.84 Real Memory Usage Throughput Predictions (MSE: 2696.1626, R²: 0.1762) Prediction vs Real Throughput Throughput reference line 5000 7500 10000 12500 15000 17500 Real Throughput Usage

1.25

Prediction vs Real CPU CPU reference line

Memory reference line

2500

0.72

Ledicted CPU Usage 1.00 0.75 0.50 0.50 0.00

0.00

Predicted Memory Usage 0.825 0.800 0.775 0.750 0.725

0.0