## eXtreme Gradient Boosting (XGBoost) model MSE: 2414.9947, R<sup>2</sup>: 0.2197 CPU Predictions (RMSE: 0.2616, R2: -0.0540) Prediction vs Real CPU CPU reference line 0.4 0.2 0.6 8.0 1.0 1.2 Real CPU Usage Memory Predictions (RMSE: 0.0319, R<sup>2</sup>: 0.7747) Prediction vs Real Memory Memory reference line 0.80 0.75 0.85 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 4182.8934, R2: -0.0617) Prediction vs Real Throughput Throughput reference line 7500 10000 2500 5000 12500 15000 17500 Real Throughput Usage

1.25

1.00

0.75

0.50

0.25

0.00

Predicted Memory Usage 0.0 0 0.0 0 0.0 0 0.22

Predicted Throughput

15000

10000

5000

0.0

Predicted CPU Usage