## Multilayer Perceptron (MLP) model MSÉ: 2064.4621, R<sup>2</sup>: 0.3903 CPU Predictions (RMSE: 0.2411, R2: 0.0602) 0.4 0.6 8.0 1.2 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0346, R2: 0.7407) Prediction vs Real Memory 0.85 0.80 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 3575.7533, R<sup>2</sup>: 0.3701) Prediction vs Real Throughput Throughput reference line

15000

20000

10000

Real Throughput Usage

1.25

Prediction vs Real CPU CPU reference line

Memory reference line

0.75

0.2

5000

1.25 1.00 0.75 0.50 0.00

Predicted Memory Usage

20000

15000

10000

5000

Predicted Throughput

0.0