## Multilayer Perceptron (MLP) model MSÉ: 2242.8771, R<sup>2</sup>: 0.3457 CPU Predictions (RMSE: 0.1914, R2: 0.1492) Prediction vs Real CPU --- CPU reference line 0.2 0.4 0.6 8.0 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0270, R<sup>2</sup>: 0.7494) Prediction vs Real Memory 0.80 0.85 0.90 0.95 Real Memory Usage Throughput Predictions (MSE: 3884.7771, R<sup>2</sup>: 0.1384) Prediction vs Real Throughput

15000

20000

1.00 hedicted CPU Usage 0.75 0.50 0.00

Predicted Memory Usage 0.00 0.80 0.70 0.80 0.40 0.40

0.0

Memory reference line

Throughput reference line

5000

10000

Real Throughput Usage

0.75