## Multilayer Perceptron (MLP) model MSÉ: 2343.4721, R<sup>2</sup>: 0.3350 CPU Predictions (RMSE: 0.1972, R2: 0.1471) Prediction vs Real CPU -- CPU reference line 0.2 0.6 0.4 8.0 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0225, R<sup>2</sup>: 0.7351) Prediction vs Real Memory 0.800 0.825 0.850 0.875 0.925 0.950 0.900 Real Memory Usage Throughput Predictions (MSE: 4059.0128, R2: 0.1228) Prediction vs Real Throughput Throughput reference line

15000

20000

10000

Real Throughput Usage

Predicted CPU Usage

Predicted Memory Usage

0.90

0.85

0.80

0.0

Memory reference line

5000

0.775

0