Multilayer Perceptron (MLP) model MSÉ: 1322.6380, R<sup>2</sup>: 0.2769 CPU Predictions (RMSE: 0.1279, R2: 0.1775) 0.2 0.6 0.8 0.4 Real CPU Usage Memory Predictions (RMSE: 0.0259, R<sup>2</sup>: 0.5727) Prediction vs Real Memory Memory reference line 0.86 0.88 0.90 0.92 0.94 0.96 Real Memory Usage Throughput Predictions (MSE: 2290.8762, R<sup>2</sup>: 0.0804) Prediction vs Real Throughput Throughput reference line 2000 6000 8000 4000 10000

Real Throughput Usage

Prediction vs Real CPU

CPU reference line

Predicted CPU Usage

Predicted Memory Usage 0.950 0.900 0.850 0.850

Predicted Throughput 2000 2500 0

0.0

0.84