Multilayer Perceptron (MLP) model MSÉ: 1262.6230, R<sup>2</sup>: 0.3599 CPU Predictions (RMSE: 0.1512, R2: 0.0648) 0.2 0.6 0.4 0.8 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0222, R2: 0.6858) Prediction vs Real Memory 0.86 0.90 0.88 0.92 0.94 0.96 0.98 Real Memory Usage Throughput Predictions (MSE: 2186.9272, R2: 0.3291) Prediction vs Real Throughput Throughput reference line 4000 6000 2000 8000 10000 12000 Real Throughput Usage

Predicted CPU Usage 0.0 8.0 9.0 0.0 0.0

Predicted Memory Usage

0.90

0.0

Prediction vs Real CPU CPU reference line

Memory reference line

0.84