Multilayer Perceptron (MLP) model MSÉ: 1182.2113, R²: 0.4222 CPU Predictions (RMSE: 0.1474, R2: 0.1112) 0.6 0.2 0.4 0.8 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0201, R2: 0.7436) Prediction vs Real Memory 0.86 0.90 0.88 0.92 0.94 0.96 0.98 Real Memory Usage Throughput Predictions (MSE: 2047.6501, R2: 0.4118) Prediction vs Real Throughput Throughput reference line 4000 6000 8000 2000 10000 12000 Real Throughput Usage

Predicted CPU Usage

Predicted Memory Usage

0

0.95

0.90

0.0

Prediction vs Real CPU CPU reference line

Memory reference line

0.84