Multilayer Perceptron (MLP) model MSÉ: 1266.3014, R²: 0.3661 CPU Predictions (RMSE: 0.1309, R2: 0.3252) 0.2 0.6 0.8 0.4 1.0 Real CPU Usage Memory Predictions (RMSE: 0.0315, R2: 0.3713) Prediction vs Real Memory Memory reference line 0.86 0.88 0.90 0.92 0.94 0.96 0.98 Real Memory Usage Throughput Predictions (MSE: 2193.2984, R²: 0.4019) Prediction vs Real Throughput Throughput reference line 2000 4000 6000 10000 8000 12000 Real Throughput Usage

1.00 hedicted CPU Usage 0.75 0.50 0.00

Predicted Memory Usage
O O O
S O O
O O
O O

10000

5000

0

Predicted Throughput

0.0

0.84

Prediction vs Real CPU CPU reference line