

Adaptive Intrusion Detection in Cyber-Physical Systems

This report compares Autoencoder-based IDS with a Reinforcement-Learning-based Adaptive IDS.

Performance Summary:

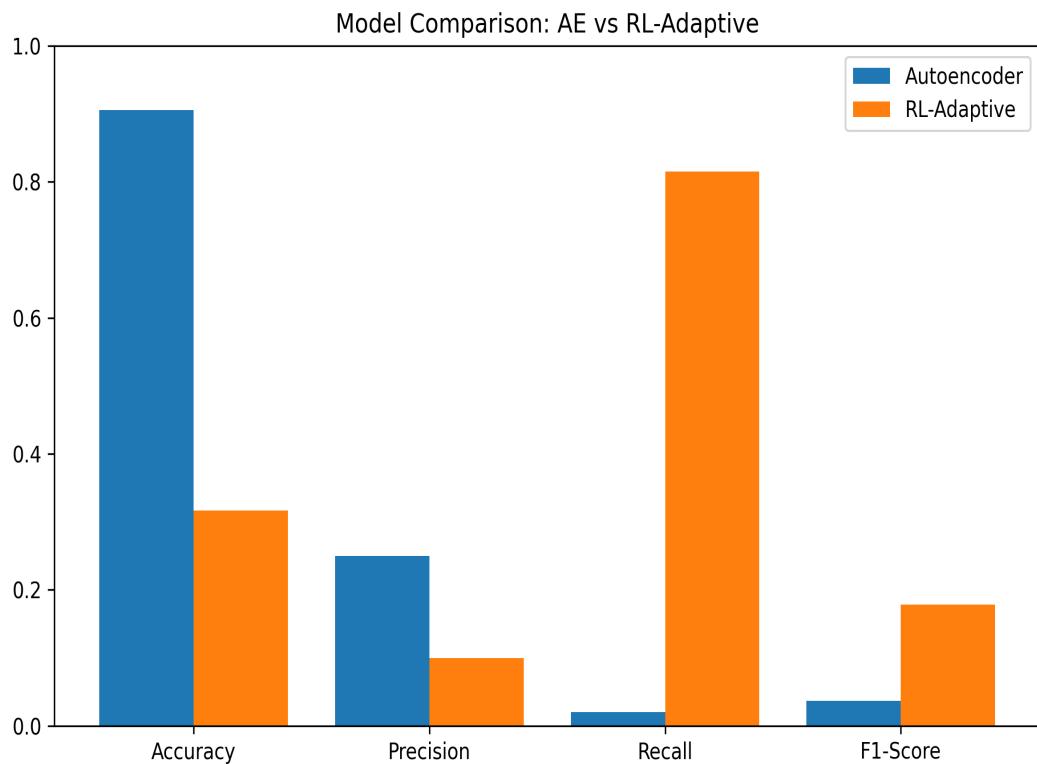
Autoencoder:

Accuracy=0.905, Precision=0.250, Recall=0.020, F1=0.037

RL-Adaptive:

Accuracy=0.316, Precision=0.100, Recall=0.815, F1=0.178

Model Comparison:



Confusion Matrices:

