

# Convergence Analysis: Empirical vs Theoretical Bounds

Training Loss (log scale)

$10^0$

Correlation > 0.92 for all datasets

- NSL-KDD Empirical
- NSL-KDD Theoretical
- CICIDS2017 Empirical
- CICIDS2017 Theoretical
- UNSW-NB15 Empirical
- UNSW-NB15 Theoretical

0

10

20

30

40

50

Training Epoch (t)

