1 Experiments

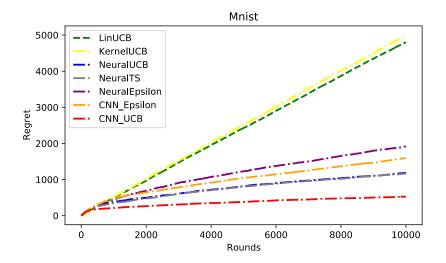


Figure 1: Regret comparison on Mnist.

 $\begin{array}{ll} \textbf{Datasets}. \ \text{Updating} \ \dots \\ \textbf{Configurations}. \ \text{Updating} \ \dots \end{array}$

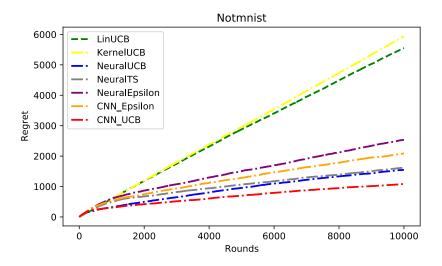


Figure 2: Regret comparison on Notmnist.

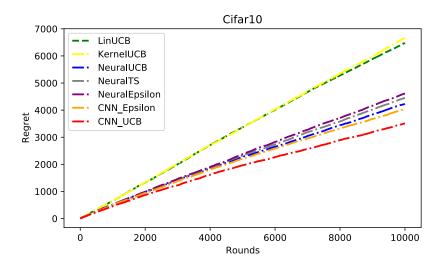


Figure 3: Regret comparison on Cifar10.

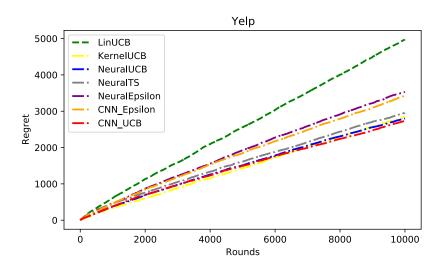


Figure 4: Regret comparison on Yelp.