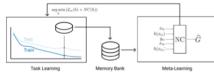
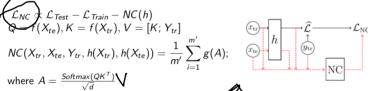
Meta-learning to Predict Generalization

Reference - Neural Complexity Measures

During meta-learning tasks include train and test data: the gap between train/test loss is available. NC trains another network to predict this generalization gap





NC-regularized loss: $\mathcal{L}_{reg} = \mathcal{L}_{Test} + \lambda NC(h)$; λ increased gradually over tasks.

Gautam Shroff

Meta-learning

Series 2021



