

MixMatch

SSL objective

Make use of unlabeled data by adding a loss term, which falls into one of three classes:

- consistency regularization
- entropy minimization
- generic regularization

Steps

- Augmentation, label guessing, sharpening and mixup.
- Pass the mixmatch prediction to the model.
- Compute the loss between the mixmach and model predictions.

Experiments

Model:

Wide ResNet-28

Dataset:

CIFAR-10, CIFAR-100, SVHN and STL-10

Findings

Still implementing :(

Thanks..