Hyperparameter Optimization

Here is a screenshot of the last 18 iterations and final result. There were 243 in total.

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0 12 strength: 0 Accuracy: 0.822 Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0 12 strength: 0.01 Accuracy: 0.81558333333333333 Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0 12 strength: 0.05 Accuracy: 0.7761666666666667 Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0.01 12 strength: 0 Accuracy: 0.6331666666666667 Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0.01 12 strength: 0.01 Accuracy: 0.6459166666666667 Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0.01 12 strength: 0.05 Accuracy: 0.60683333333333333 Learning Rate: 0.01
Batch Size: 128
Num Epochs: 20
11 strength: 0.05
12 strength: 0

Accuracy: 0.103583333333333333

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 20 l1 strength: 0.05 l2 strength: 0.01

Accuracy: 0.103583333333333333

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 20 l1 strength: 0.05 l2 strength: 0.05

Accuracy: 0.103583333333333333

Learning Rate: 0.01
Batch Size: 128
Num Epochs: 30
l1 strength: 0
l2 strength: 0
Accuracy: 0.822

Learning Rate: 0.01
Batch Size: 128
Num Epochs: 30
l1 strength: 0
l2 strength: 0.01

Accuracy: 0.81558333333333333

Learning Rate: 0.01
Batch Size: 128
Num Epochs: 30
l1 strength: 0
l2 strength: 0.05

Accuracy: 0.7761666666666667

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0.01 12 strength: 0

Accuracy: 0.6331666666666667

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 11 strength: 0.01 12 strength: 0.01

Accuracy: 0.6459166666666667

Learning Rate: 0.01
Batch Size: 128
Num Epochs: 30
l1 strength: 0.01
l2 strength: 0.05

Accuracy: 0.60683333333333333

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 l1 strength: 0.05 l2 strength: 0

Accuracy: 0.103583333333333333

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 l1 strength: 0.05 l2 strength: 0.01

Accuracy: 0.103583333333333333

Learning Rate: 0.01 Batch Size: 128 Num Epochs: 30 l1 strength: 0.05 l2 strength: 0.05

Accuracy: 0.10358333333333333

Learning Rate Best: 0.01
Batch Size Best: 32
Num Epochs Best: 30
l1 strength Best: 0
l2 strength Best: 0

Accuracy Best: 0.857166666666666

Last 20 batches

Accuracy: 0.8611

CE Loss: 0.38770660850128513

Accuracy: 0.8615

CE Loss: 0.3867786992724467

Accuracy: 0.8618

CE Loss: 0.3856351471144491

Accuracy: 0.8623

CE Loss: 0.3847217931522033

Accuracy: 0.8631

CE Loss: 0.3837969669627116

Accuracy: 0.8632

CE Loss: 0.382886964762837

Accuracy: 0.8633

CE Loss: 0.3820628650698212

Accuracy: 0.8638

CE Loss: 0.3813071642831592

Accuracy: 0.8638

CE Loss: 0.3804278613175318

Accuracy: 0.863

CE Loss: 0.3797023339202961

Accuracy: 0.8638

CE Loss: 0.37910321328883595

Accuracy: 0.8638

CE Loss: 0.37847957871188853

Accuracy: 0.8644

CE Loss: 0.37773813256420413

Accuracy: 0.8645

CE Loss: 0.3767481003213562

Accuracy: 0.8649

CE Loss: 0.37635082187098645

Accuracy: 0.865

CE Loss: 0.3758356645677834

Accuracy: 0.8648

CE Loss: 0.37535250944967474

Accuracy: 0.8648

CE Loss: 0.3748439022646795

Accuracy: 0.8649

CE Loss: 0.374540869260335

Accuracy: 0.8658

CE Loss: 0.3739551422531664

Accuracy: 0.8656

CE Loss: 0.3737288371812997

Accuracy: 0.8658

CE Loss: 0.37251690935938986

Accuracy: 0.8676

CE Loss: 0.37215863339116

Accuracy: 0.8683

CE Loss: 0.37205495009676565

Accuracy: 0.8679

CE Loss: 0.37194589799196465

Accuracy: 0.8682

CE Loss: 0.37159322004598555

Accuracy: 0.8681

CE Loss: 0.37159322004598555

Accuracy: 0.8681