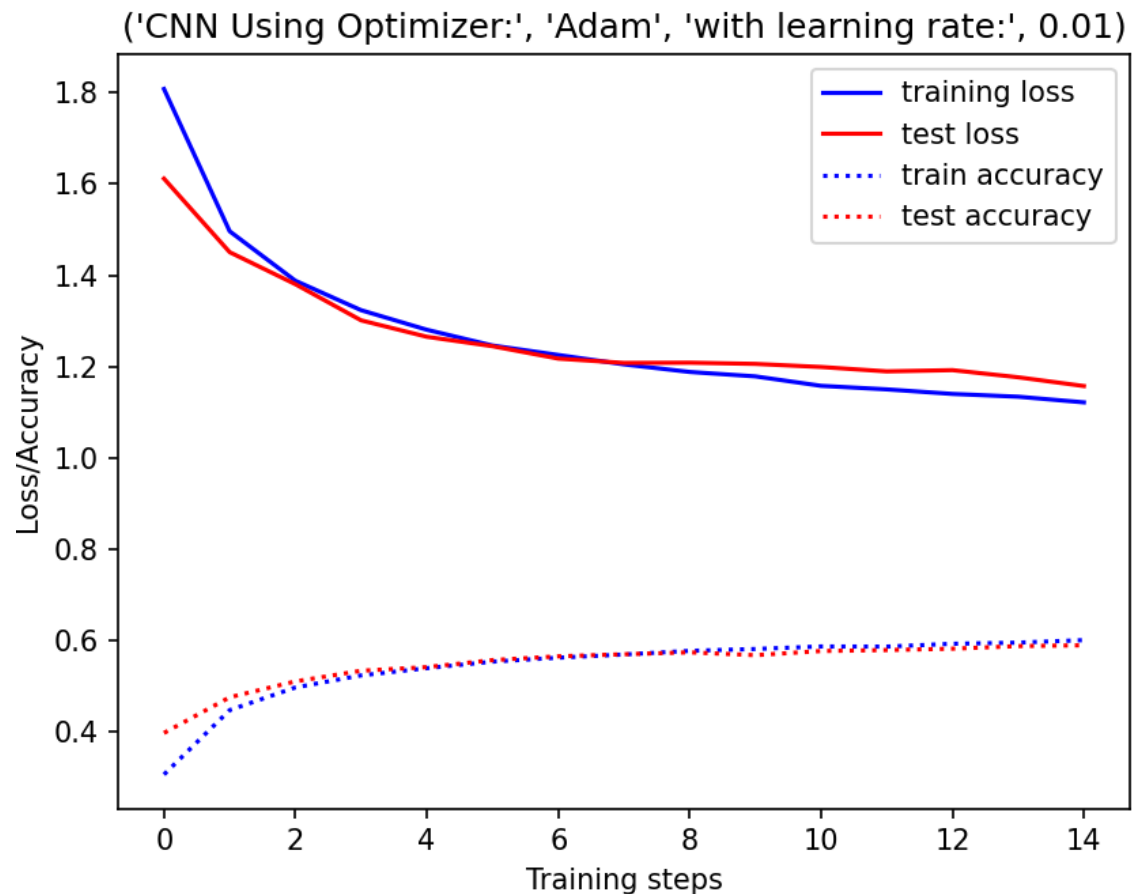


First Configuration

Adam Variant



CNN:

2 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 16 filters

MaxPooling2D: Pool Size 2

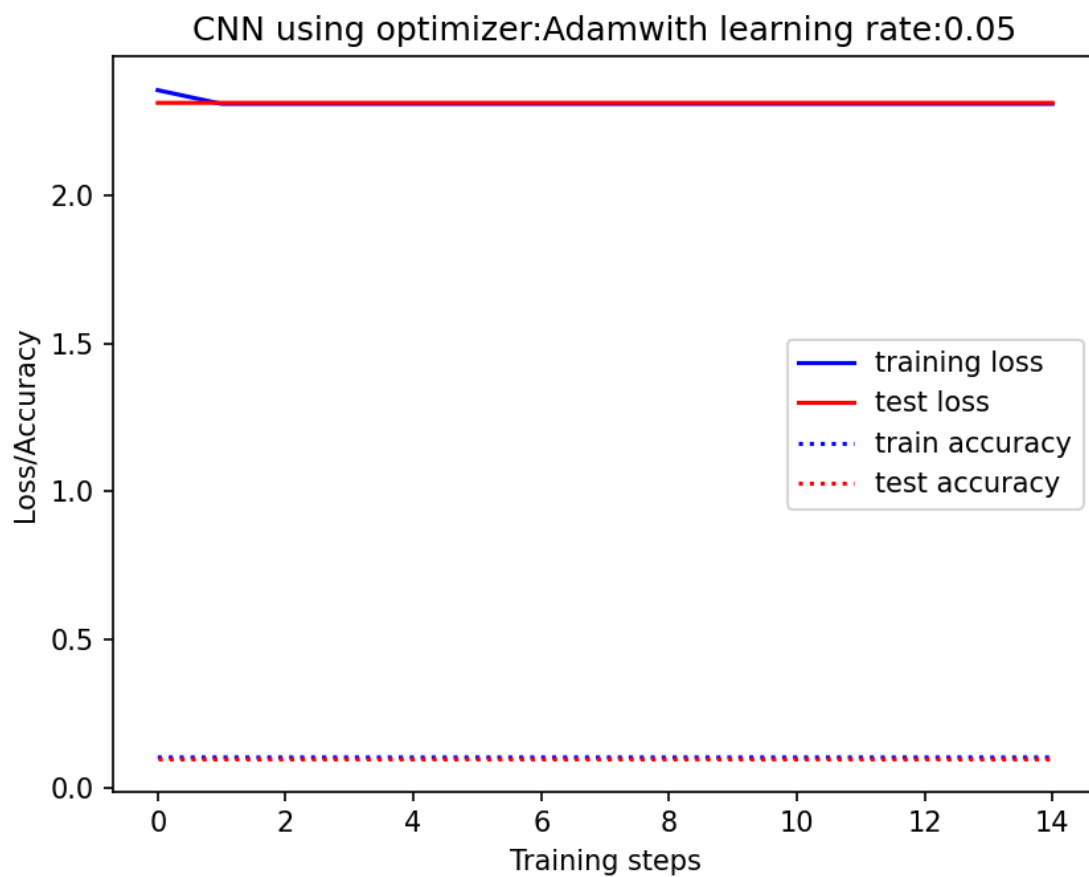
Block 2: Two layers, 32 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: Adam with learning rate 0.01

Adjusted Learning Rate



CNN:

2 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 16 filters

MaxPooling2D: Pool Size 2

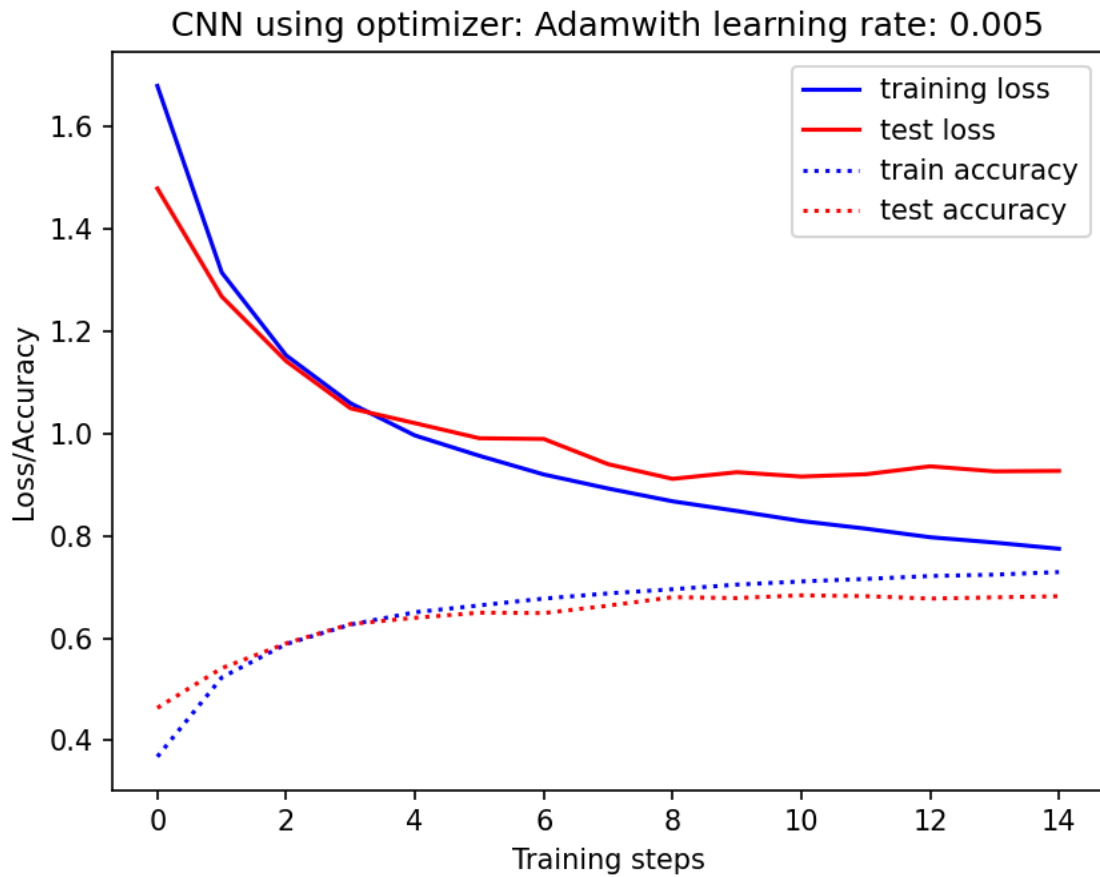
Block 2: Two layers, 32 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: Adam with learning rate 0.05

Adjusted Learning Rate 2



CNN:

2 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 16 filters

MaxPooling2D: Pool Size 2

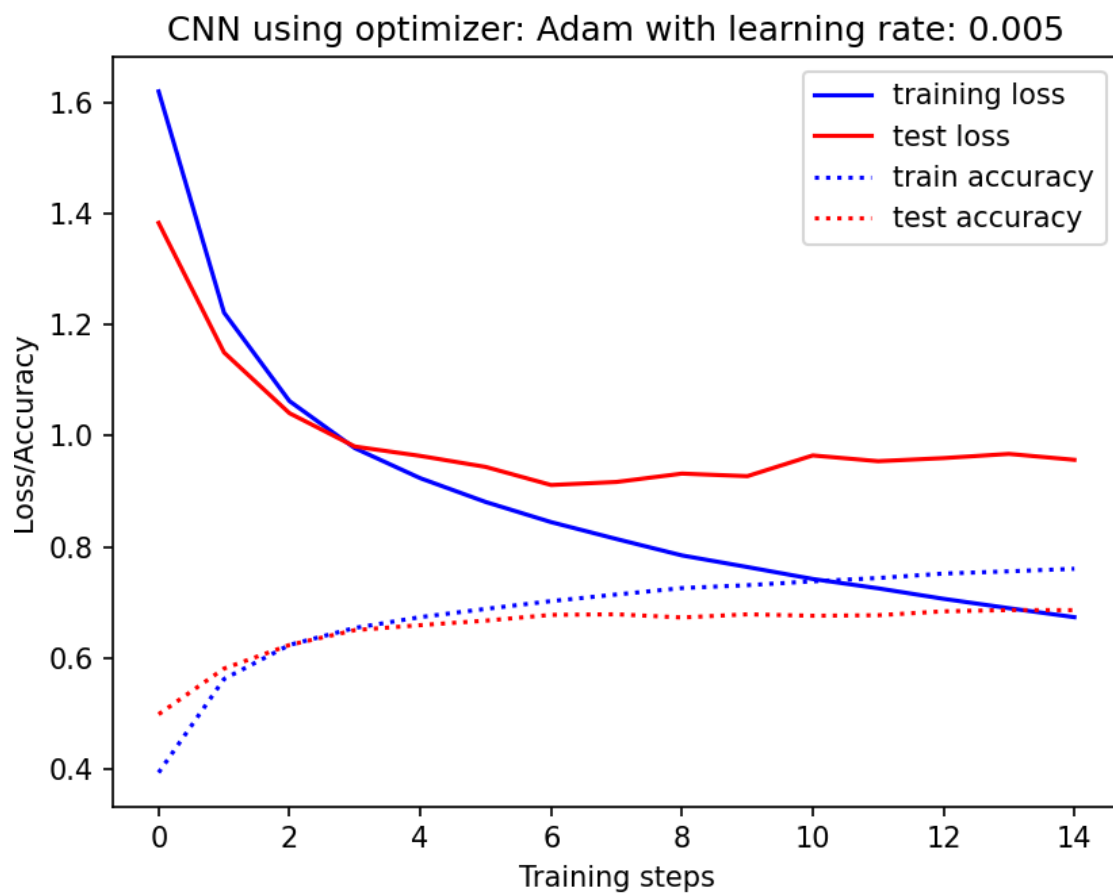
Block 2: Two layers, 32 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: Adam with learning rate 0.005

Adjusted Layer Sizes



CNN:

2 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 24 filters

MaxPooling2D: Pool Size 2

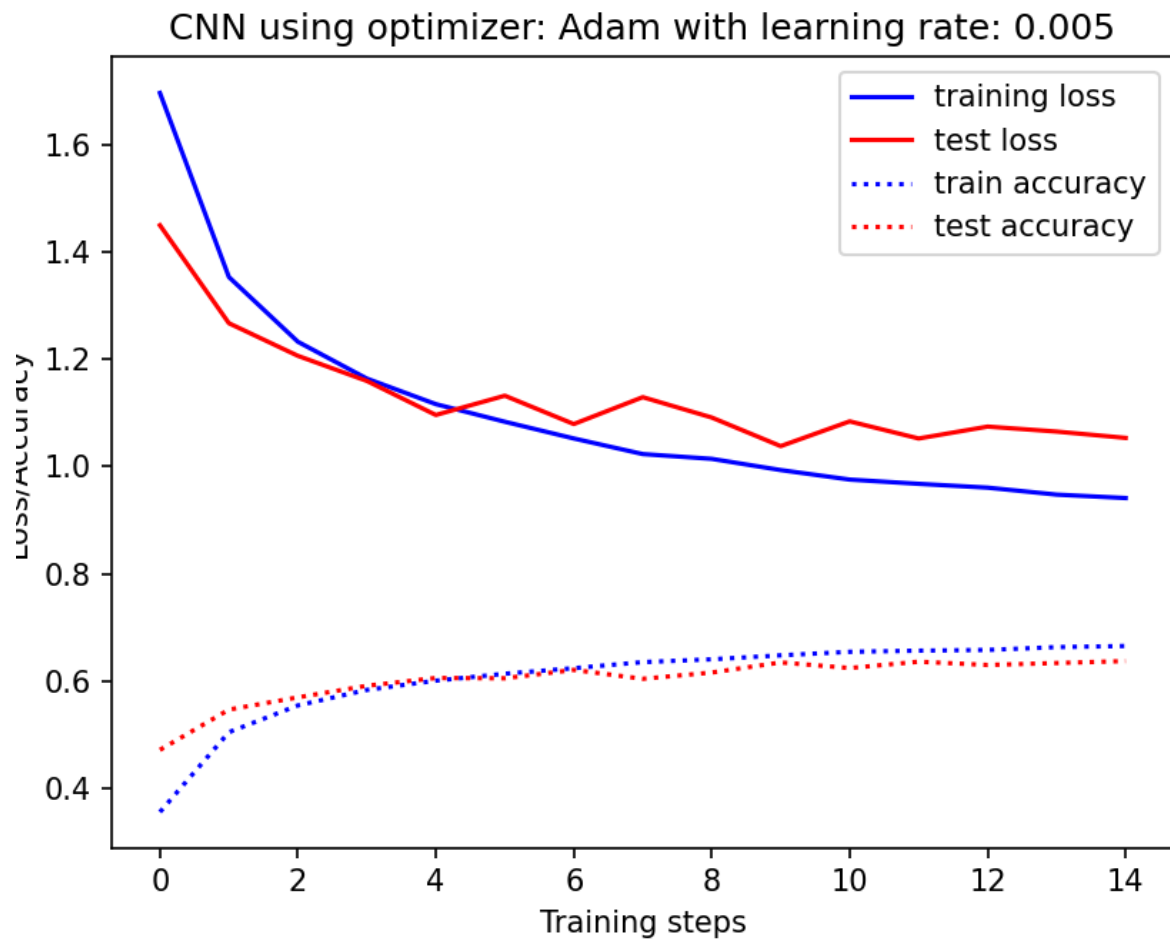
Block 2: Two layers, 48 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: Adam with learning rate 0.005

Adjusted Layer Sizes 2



3 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 8 filters

MaxPooling2D: Pool Size 2

Block 2: Two layers, 16 filters

MaxPooling2D: Pool Size 2

Block 3: Two layers, 32 filters

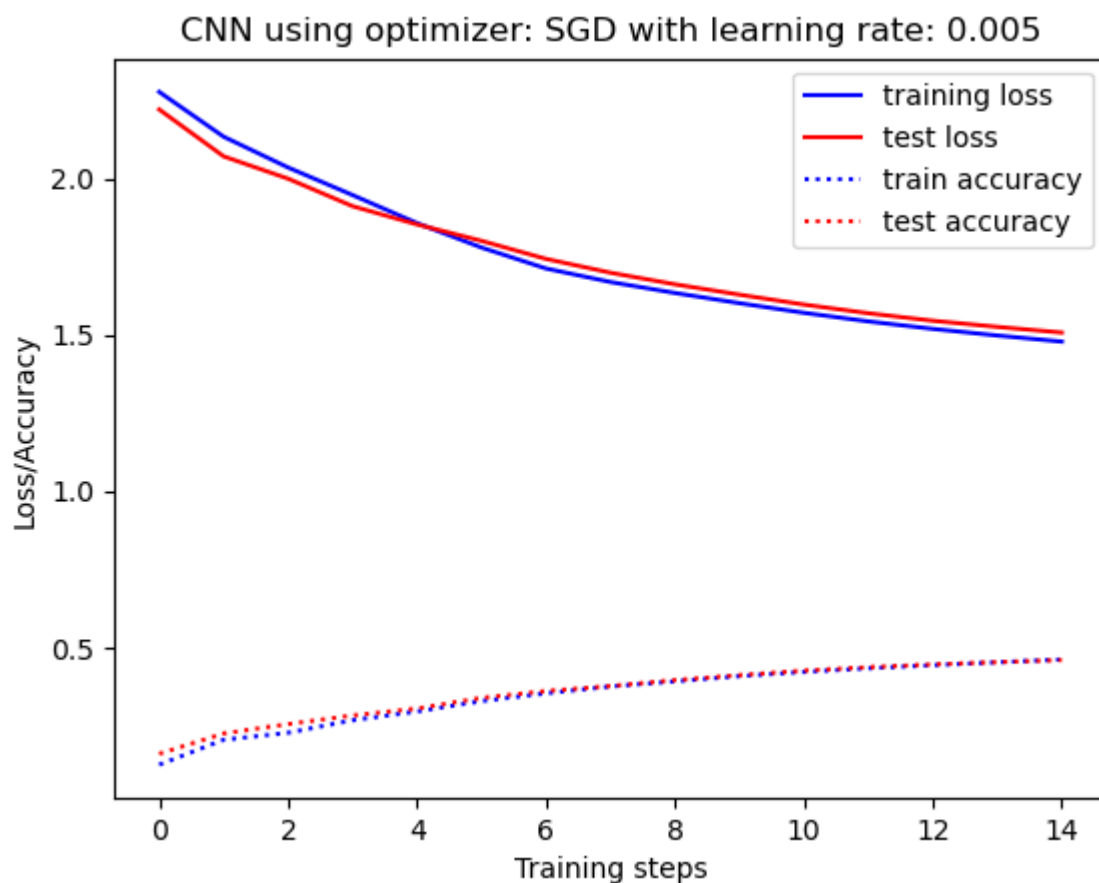
GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: Adam with learning rate 0.005

Second Configuration

SGD Variant



CNN:

2 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 16 filters

MaxPooling2D: Pool Size 2

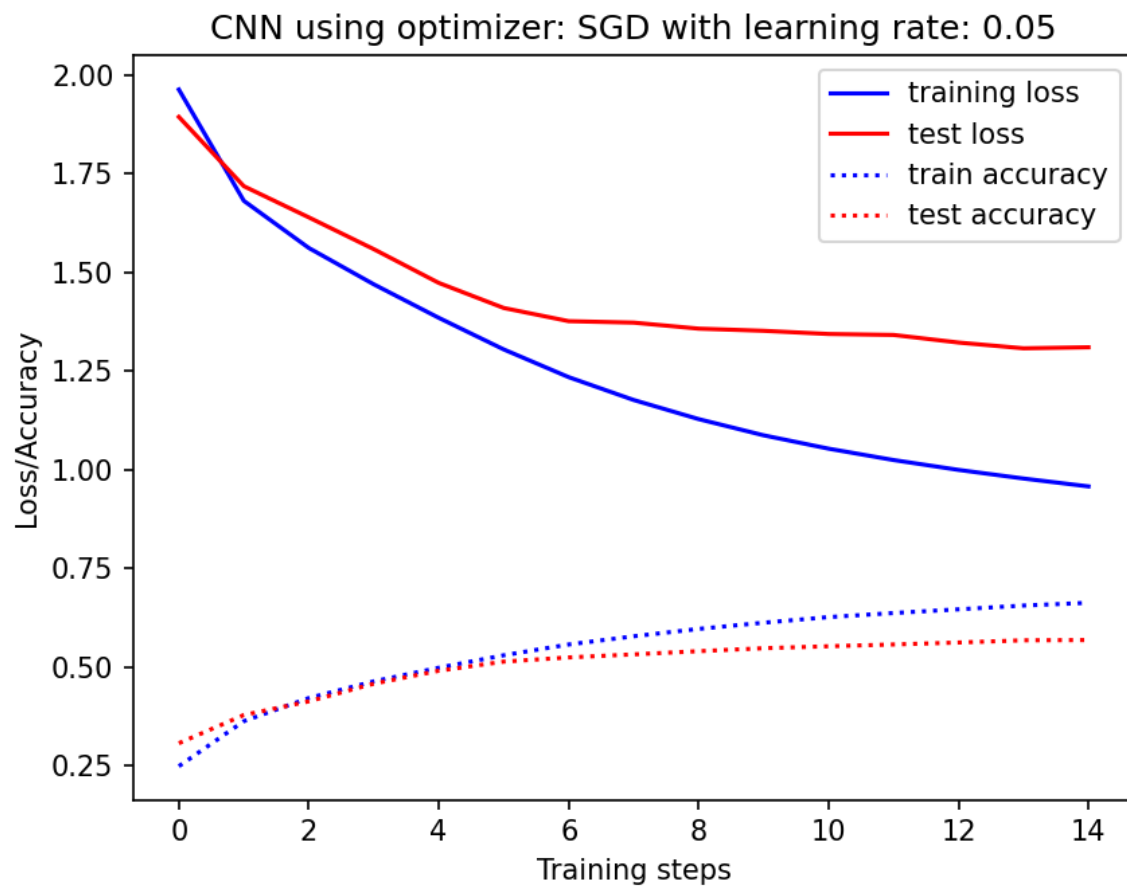
Block 2: Two layers, 32 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: SGD with learning rate 0.005

Adjusted Learning Rate



CNN:

2 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 16 filters

MaxPooling2D: Pool Size 2

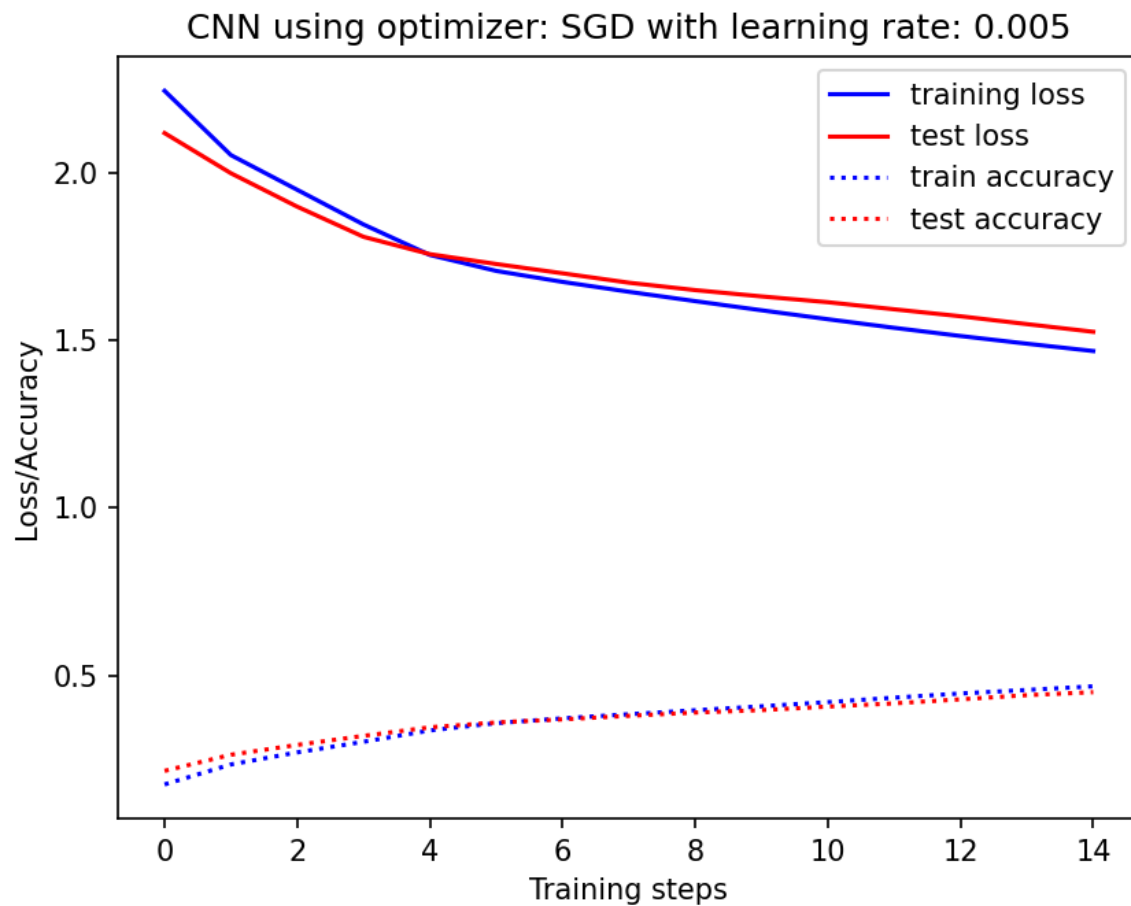
Block 2: Two layers, 32 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: SGD with learning rate 0.05

Adjusted Layer Sizes



CNN:

2 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 24 filters

MaxPooling2D: Pool Size 2

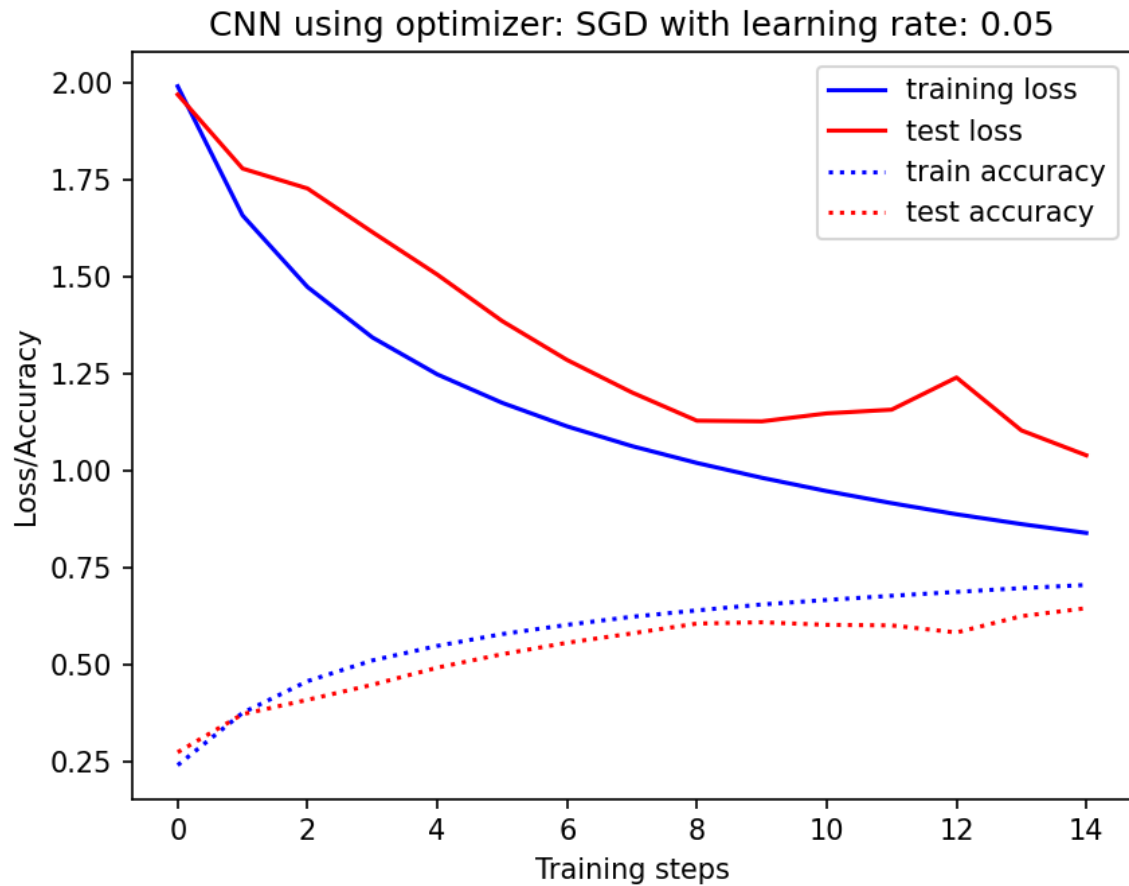
Block 2: Two layers, 48 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: SGD with learning rate 0.005

Adjusted Layer Sizes 2



3 Conv2D Layers, all with kernel size 3, padding = same, activation = relu:

Block 1: Two layers, 8 filters

MaxPooling2D: Pool Size 2

Block 2: Two layers, 16 filters

MaxPooling2D: Pool Size 2

Block 3: Two layers, 32 filters

GlobalAvgPool2D

Dense Output Layer: Softmax activation

Optimizer: SGD with learning rate 0.05

