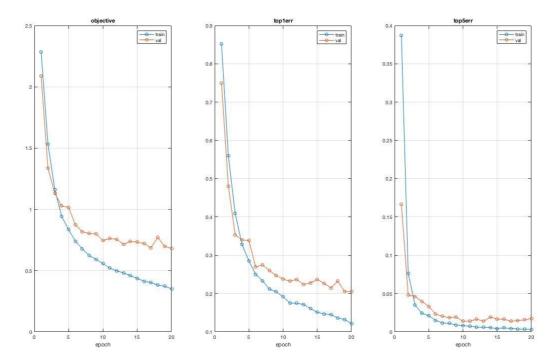
Abhay Doke Intelligent Visual Computing Assignment 3

Task A:. Training Graph

Commands:

[net, info] = trainMVShapeClassifier('dataset/train/','matconvnet'); [predicted_labels, test_err] = testMVImageClassifier('dataset/test','matconvnet', net, info)



Task B: Test Dataset Errors

Mean View Pooling: 13.5%
 Max View Pooling: 15.5%

Extra Credit

I added the batch normalization layers after convolutional layers.

To turn on batch normalization please set batchNormalization = true on line 150.

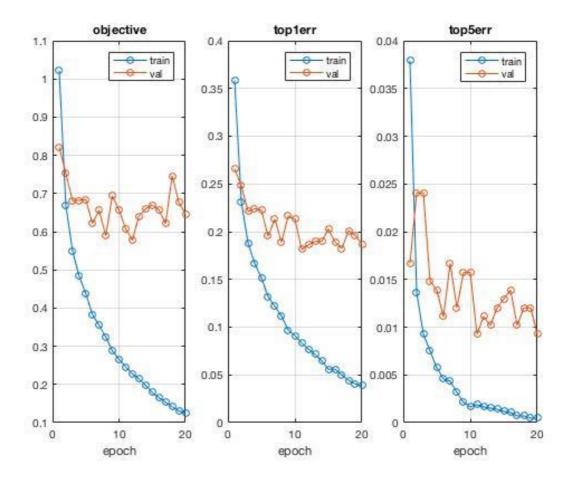
```
150 - batchNormalization = false;

151 - if batchNormalization

152 - net ≡ insertBnorm(net, 1);

153 - net = insertBnorm(net, 5);

154 - end
```



Mean View Pooling Error: 15.5% Max View Pooling Error: 16%