|  |  |  |  |
| --- | --- | --- | --- |
| Weight File and Result | Configuration | CV Accuracy | Kaggle Accuracy |
| lenet\_weights.hdf5.bak.2  result\_lenet.2.csv | * 13X33 training image, (20, 5, 5) conv size * 0.33 CV size | 64.4% |  |
| lenet\_weights.hdf5.bak.3  result\_lenet.3.csv | * 0.2 CV size | 65.80% |  |
| lenet\_weights.hdf5.bak.4  result\_lenet.4.csv | * 0.1 CV size | 64.49% |  |

De-noise by 50: 65.42%

Epoch 40: 66.34%

De-noise by 50 and Epoch 50: 67.03%

De-noise by 50 and Epoch 50 and Stride (1,1): 66.14%

Convolution2D (50, 5, 5) (50, 5, 5): 66.36%

Convolution2D (20, 3, 6), Convolution2D (10, 3, 6) and Stride (1, 1): 67.29%

Stride (1, 1) and Epoch 15: 67.83%

Stride (1, 1) and Epoch 19: 66.43%

Stride (1, 1) and Epoch 20: 68.86%

Stride (1, 1) and Epoch 21: 64.65%

Stride (1, 1) and Epoch 25: 67.43%

Stride (1, 1) and Epoch 50: 61.86%

3 Conv Layers: 65.50%

2 Conv Layers: 65.64%

Convolution2D (20, 3, 6...) Convolution2D (50,3,6...): 65.12%

Convolution2D (20, 10, 10...) Convolution2D (50,10,10...): 65.44%