| info | Accuracy | Run Time |
|---|---|---|
| epochs: 2 | 0.8916 | 3m 34s |
| epochs: 3 | 0.9007 | 3m 55s |
| epochs: 4 | 0.9021 | 6m 35s |
| epochs: 5 | 0.9022 | 7m 35s |
| epochs:1 | 0.859 | 2m 33s |
| | | |
| pool size: (3,3) | 0.878 | 1 58s |
| pool size: (4,4) | 0.869 | 2m 29s |
| pool size: (5,5) | 0.8739 | 2m 32s |
| pool size: (1,1) | 0.9037 | 11m 57s |
| pool size:(6,6) | 0.8663 | 2m 30s |
| | | |
| conv. size: (4,4) | 0.8808 | 3m 33s |
| conv. size: (5,5) | 0.8844 | 4m 40s |
| conv. size: (6,6) | 0.8835 | 4m 39s |
| conv. size: (7,7) | 0.8783 | 4m 33s |
| conv. size: (2,2) | 0.895 | 4m 47s |
| | | |
| # of conv: 55 | 0.8898 | 3m 33s |
| # of conv: 70 | 0.8866 | 4m 39s |
| # of conv: 90 | 0.8967 | 6m 42s |
| # of conv: 30 | 0.8844 | 2m 33s |
| # of conv: 10 | 0.8599 | 1m 6s |
| | | |
| # of layers: 3 | 0.8392 | 3m 34 s |
| # of layers: 4 | 0.8788 | 3m 38s |
| # of layers: 5 | 0.8807 | 5m 41s |
| # of layers: 6 | 0.8738 | 5m 45s |
| # of layers: 1 | 0.8963 | 2m 33s |

Constants:

Epochs: 2

Convolutional layers: 2

Convolutional layer size: (3,3)

Pooling size: (2,2)

# of convolutions: 50

Nothing changed the accuracy by more than 5%. The best results were found by lowering the pooling size to (1,1).

The worst results were found by lowering the # of convolutions to 10.

The runtime was much more variable than the accuracy, with small changes increasing the time by minutes. Pooling size of (1,1) took almost 12 minutes!