



Altered Activation Function



conv2d\_input   InputLayer

conv2d   Conv2D

batch\_normalization   BatchNormalization

activation   Activation

conv2d\_1   Conv2D

batch\_normalization\_1   BatchNormalization

activation\_1   Activation

conv2d\_2   Conv2D

batch\_normalization\_2   BatchNormalization

activation\_2   Activation

conv2d\_3   Conv2D

batch\_normalization\_3   BatchNormalization

activation\_3   Activation

flatten   Flatten

dense   Dense

batch\_normalization\_4   BatchNormalization

activation\_4   Activation

dropout   Dropout

dense\_1   Dense

Altered Activation Function



Left Image ⇔ Top

Right Image ⇔ Bottom

CONV & DENSE Layer Accuracy

CONV Layer

elu

gelu

relu

DENSE Layer

elu

92.60%

92.20%

92.19%

gelu

92.80%

92.74%

92.93%

relu

92.70%

93.16%

92.78%