

Inference

Owner: kaz-yos

Clone Job

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fcn_8s-sunnybrook-with_dice-pretrained Image Inference

Job Status Done

- Initialized at 07:27:58 PM (1 second)
- Running at 07:27:59 PM (20 seconds)
- Done at 07:28:20 PM (Total - 21 seconds)

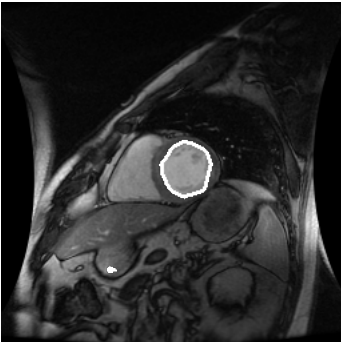
Infer Model Done ▾

Notes

None

ummary

Output visualizations

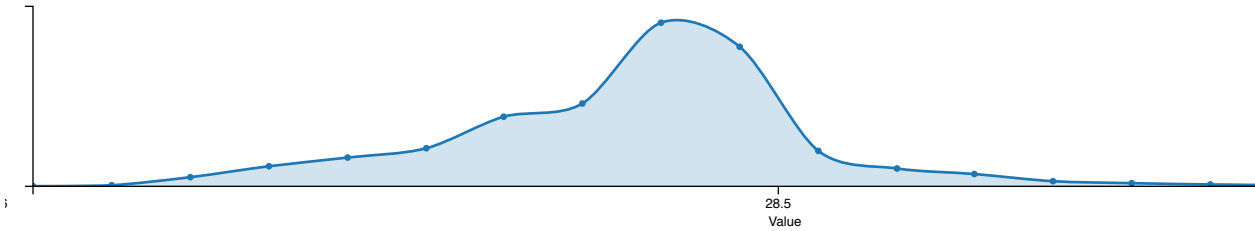


□ left ventricle



Layer visualizations

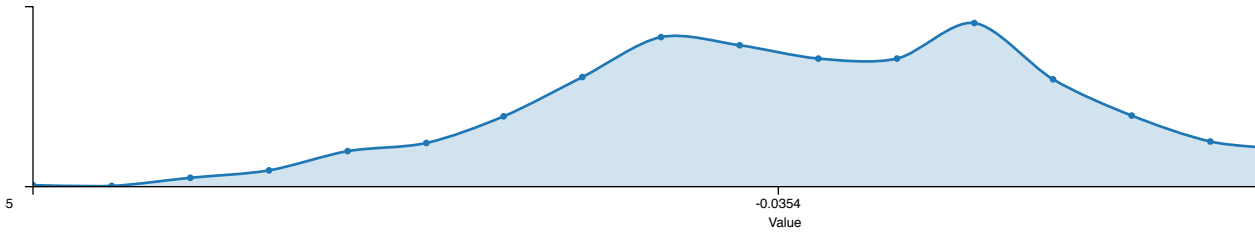
Description	Statistics
"data"	Data shape: [3 256 256] Mean: -20.4778 Std deviation: 58.3944
Activation	



"conv1_1"

Weights (Convolution layer)
1,792 learned parameters

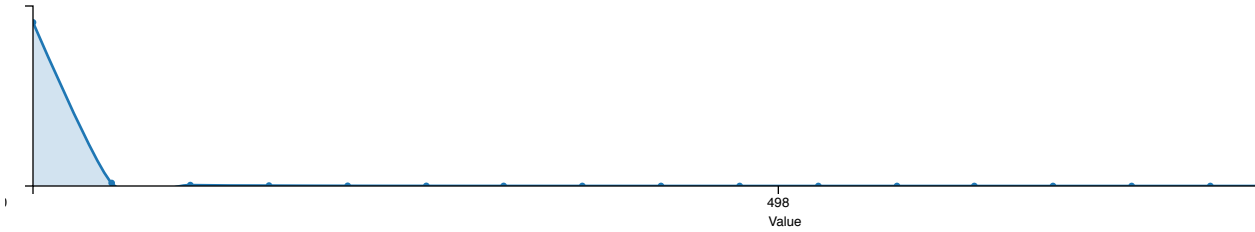
Data shape: [64 3 3 3]
Mean: -0.00363819
Std deviation: 0.20875



"conv1_1"

Activation

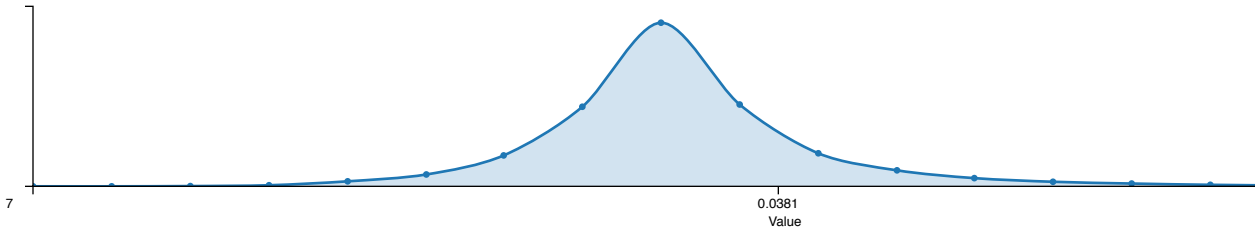
Data shape: [64 454 454]
Mean: 5.31869
Std deviation: 22.6434



"conv1_2"

Weights (Convolution layer)
36,928 learned parameters

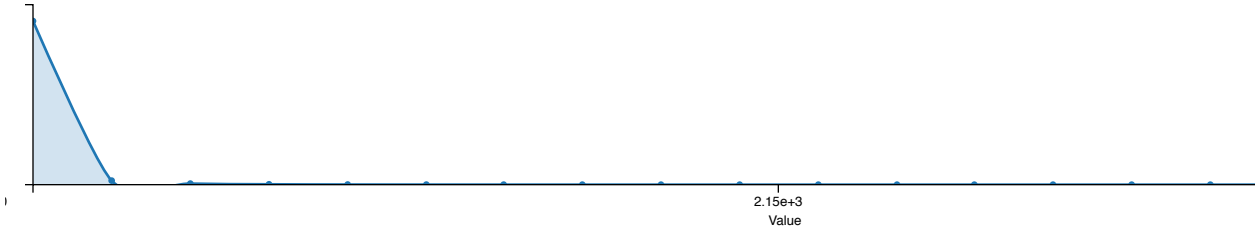
Data shape: [64 64 3 3]
Mean: 0.00483593
Std deviation: 0.0429078



"conv1_2"

Activation

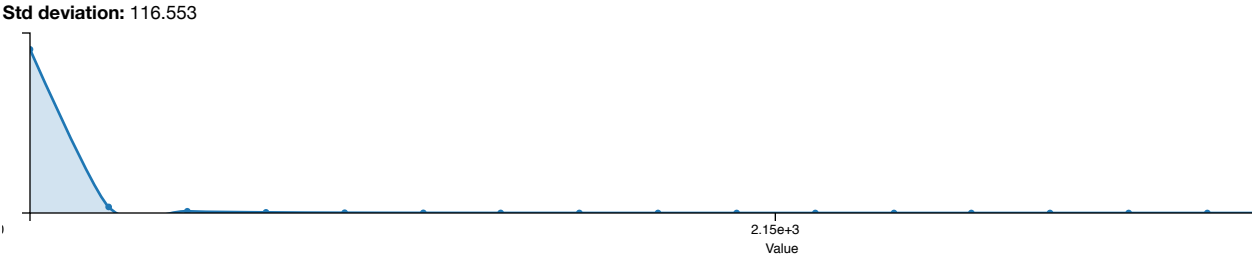
Data shape: [64 454 454]
Mean: 27.1262
Std deviation: 91.7889



"pool1"

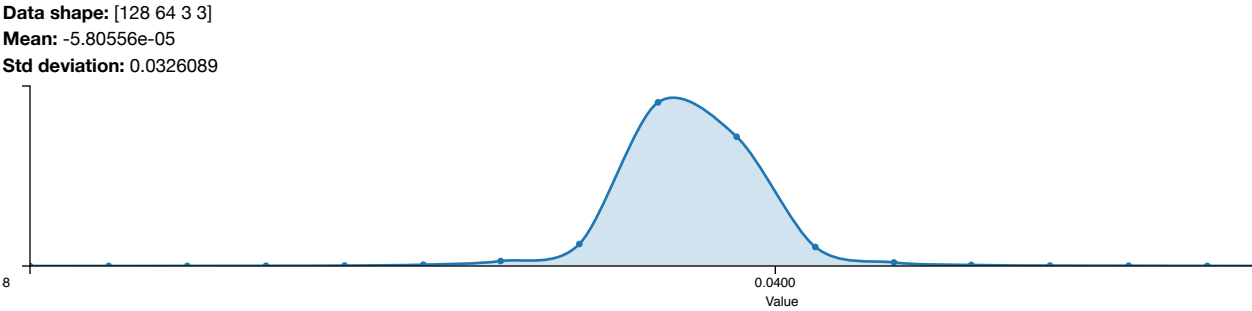
Data shape: [64 227 227]
Mean: 38.7204

Activation



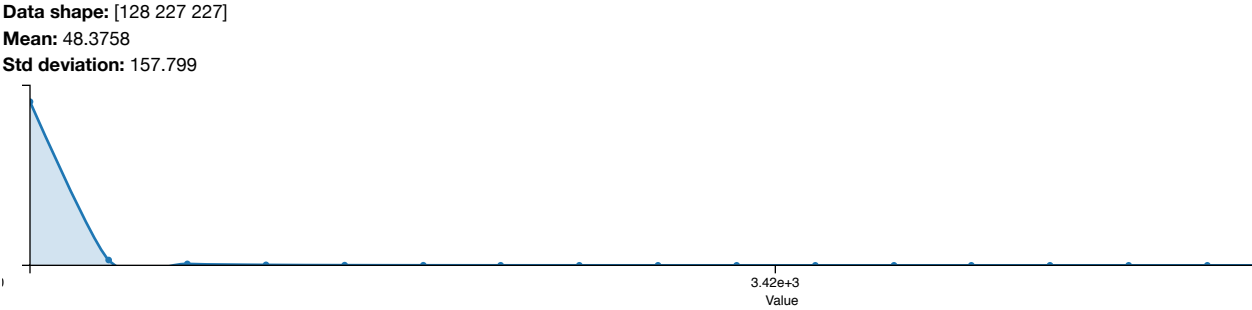
"conv2_1"

Weights (Convolution layer)
73,856 learned parameters



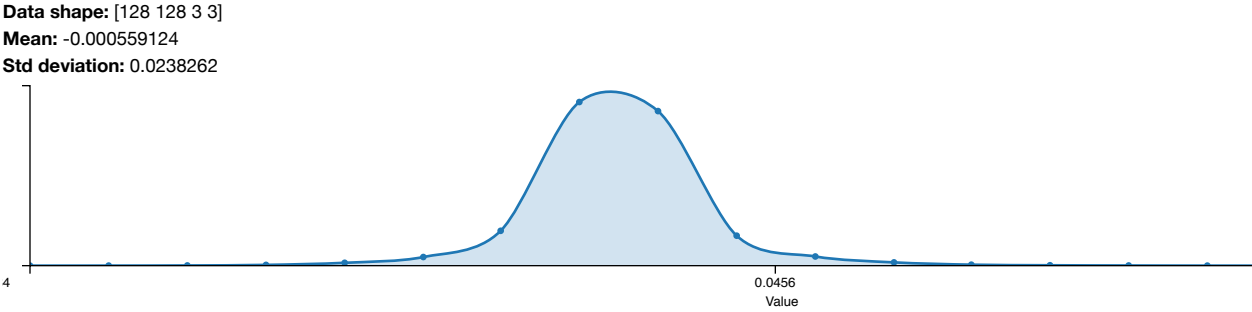
"conv2_1"

Activation



"conv2_2"

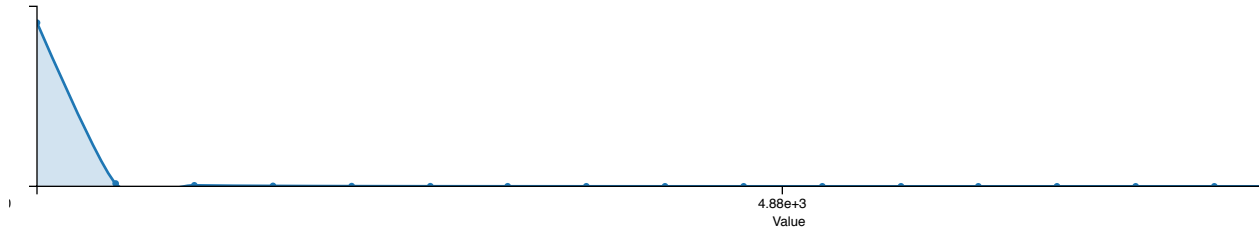
Weights (Convolution layer)
147,584 learned parameters



"conv2_2"

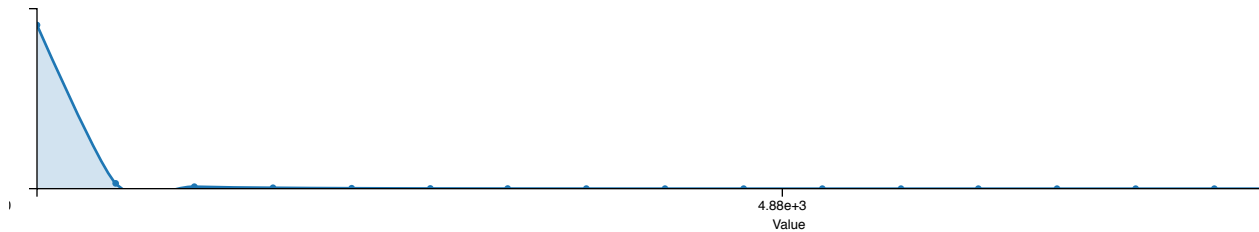
Activation





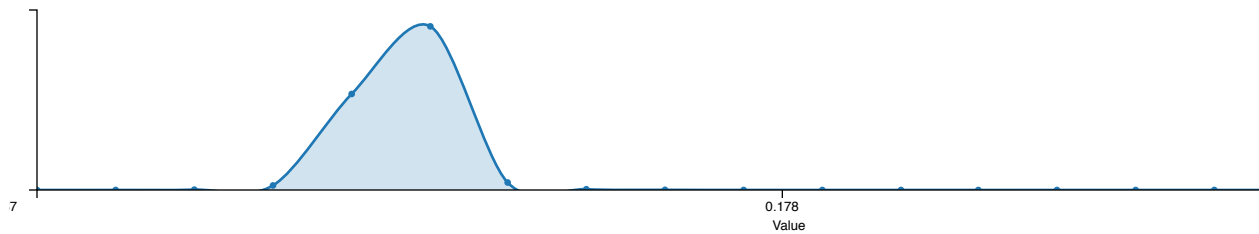
"pool2"
Activation

Data shape: [128 114 114]
Mean: 84.5739
Std deviation: 306.798



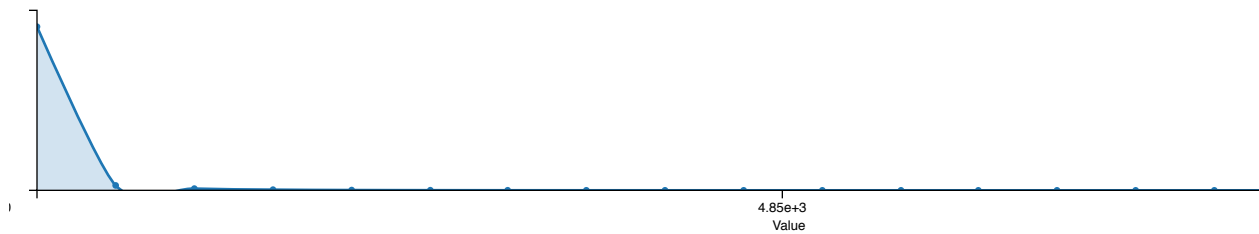
"conv3_1"
Weights (Convolution layer)
295,168 learned parameters

Data shape: [256 128 3 3]
Mean: -0.000210804
Std deviation: 0.0176031



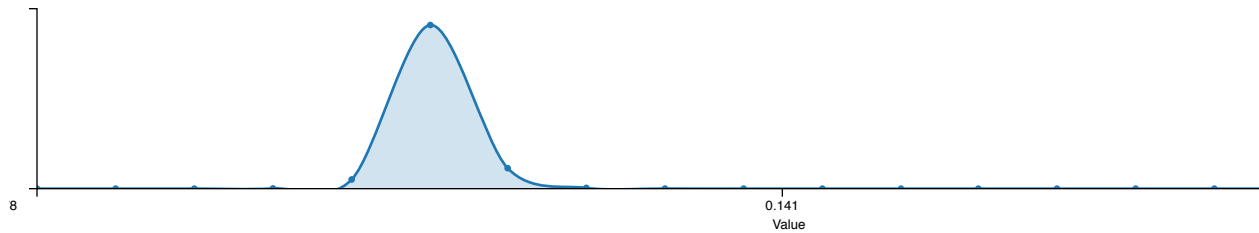
"conv3_1"
Activation

Data shape: [256 114 114]
Mean: 67.0268
Std deviation: 256.291



"conv3_2"
Weights (Convolution layer)
590,080 learned parameters

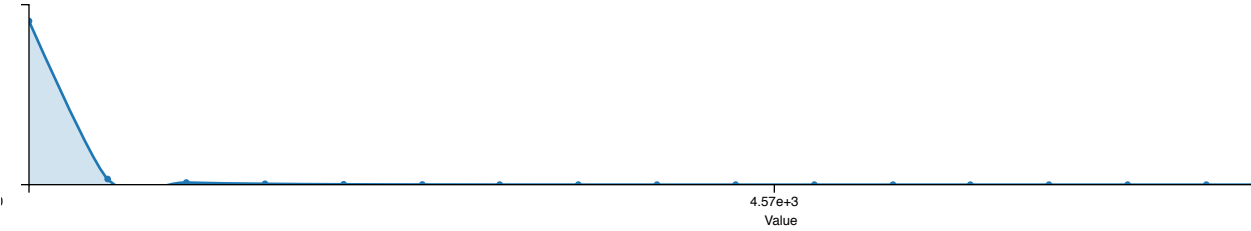
Data shape: [256 256 3 3]
Mean: -0.000295678
Std deviation: 0.0125113



"conv3_2"

Activation

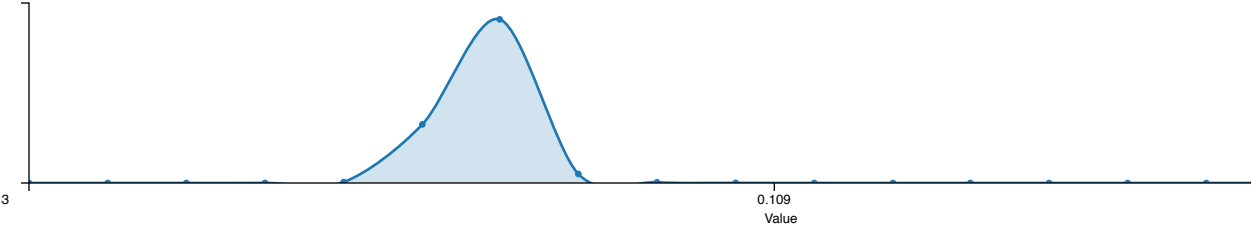
Data shape: [256 114 114]
Mean: 73.0637
Std deviation: 260.401



"conv3_3"

Weights (Convolution layer)
590,080 learned parameters

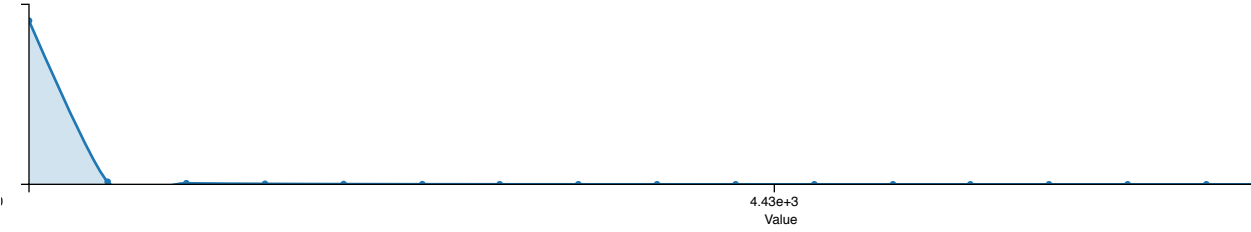
Data shape: [256 256 3 3]
Mean: -0.000883581
Std deviation: 0.0128359



"conv3_3"

Activation

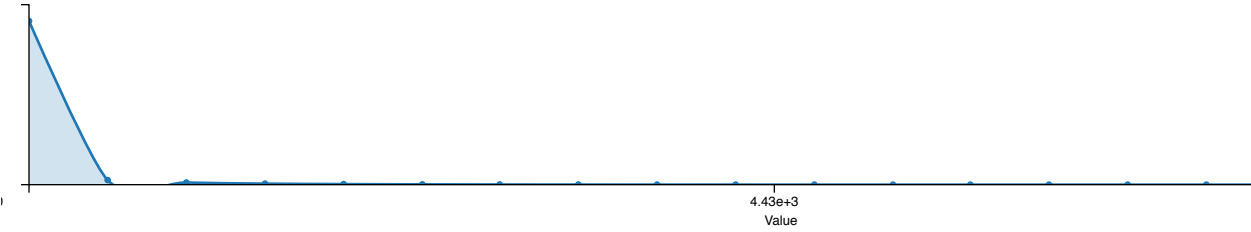
Data shape: [256 114 114]
Mean: 38.0595
Std deviation: 210.258



"pool3"

Activation

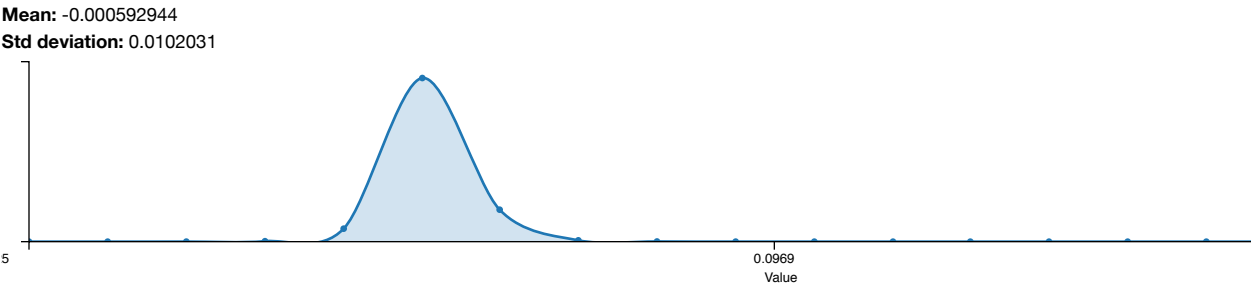
Data shape: [256 57 57]
Mean: 71.1348
Std deviation: 298.712



Data shape: [512 256 3 3]

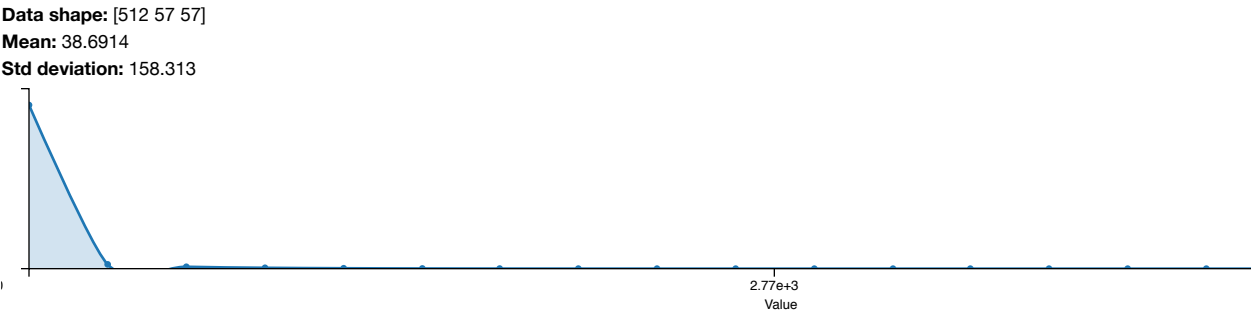
"conv4_1"

Weights (Convolution layer)
1,180,160 learned parameters



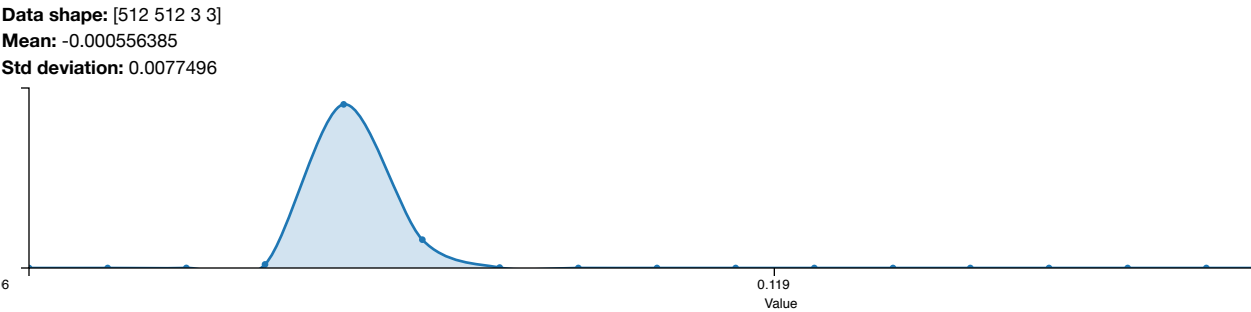
"conv4_1"

Activation



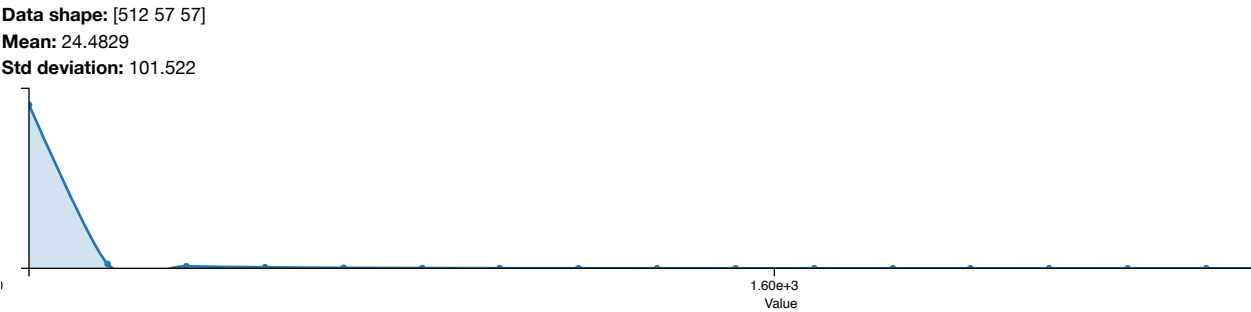
"conv4_2"

Weights (Convolution layer)
2,359,808 learned parameters



"conv4_2"

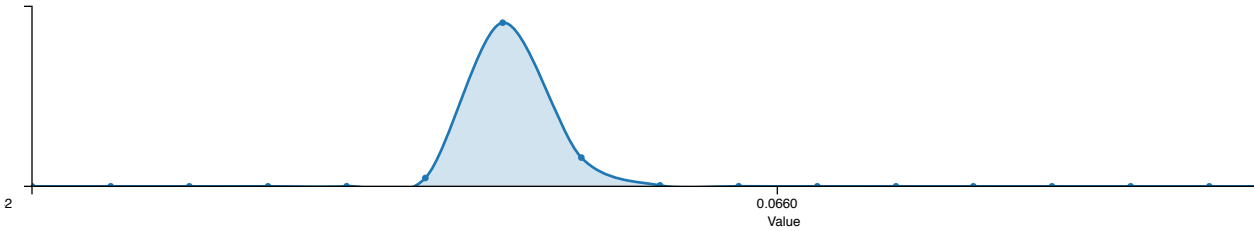
Activation



"conv4_3"

Weights (Convolution layer)
2,359,808 learned parameters

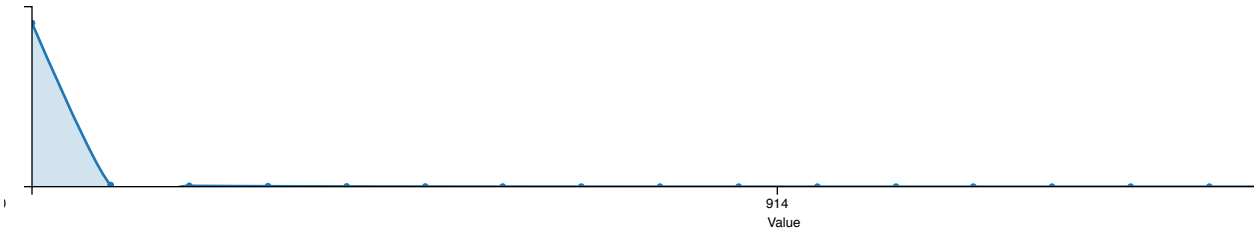
Data shape: [512 512 3 3]
Mean: -0.000961796
Std deviation: 0.00807762



"conv4_3"

Activation

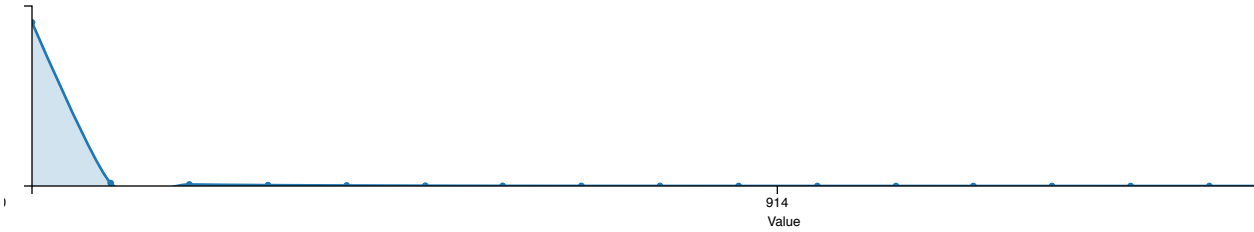
Data shape: [512 57 57]
Mean: 6.11142
Std deviation: 41.2955



"pool4"

Activation

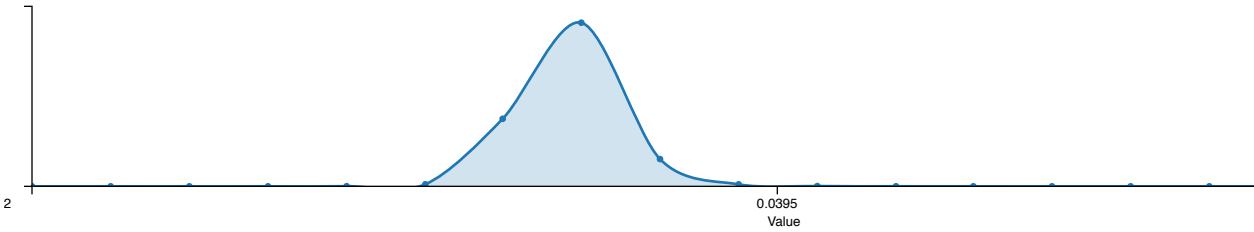
Data shape: [512 29 29]
Mean: 11.5995
Std deviation: 59.1525



"conv5_1"

Weights (Convolution layer)
2,359,808 learned parameters

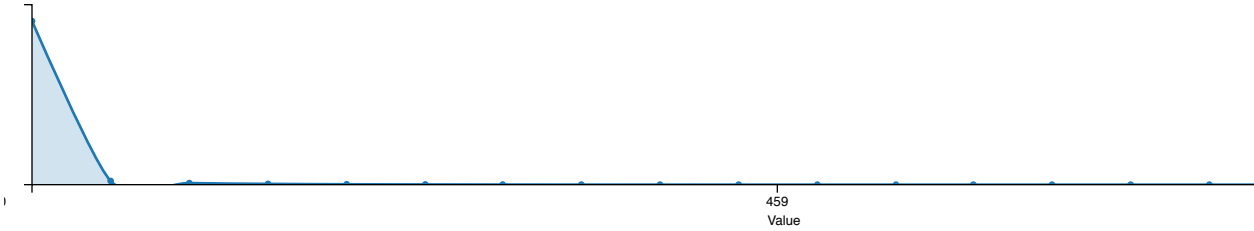
Data shape: [512 512 3 3]
Mean: -0.000749619
Std deviation: 0.00882274



"conv5_1"

Activation

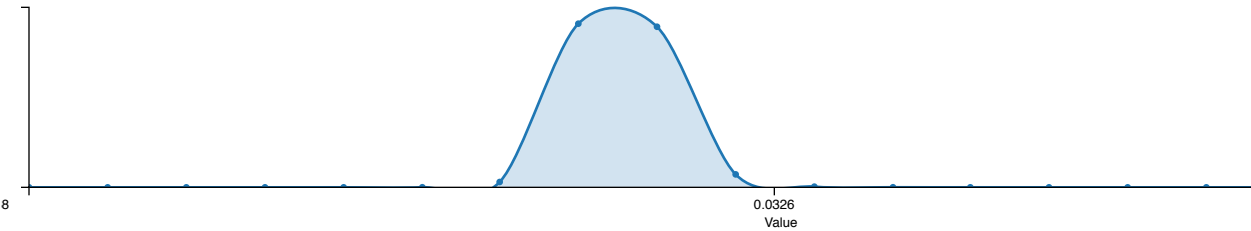
Data shape: [512 29 29]
Mean: 6.19103
Std deviation: 26.5505



"conv5_2"

Weights (Convolution layer)
2,359,808 learned parameters

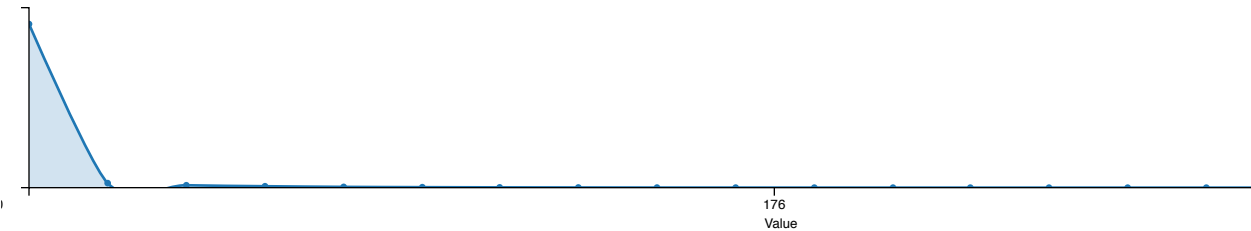
Data shape: [512 512 3 3]
Mean: -0.000836597
Std deviation: 0.00888953



"conv5_2"

Activation

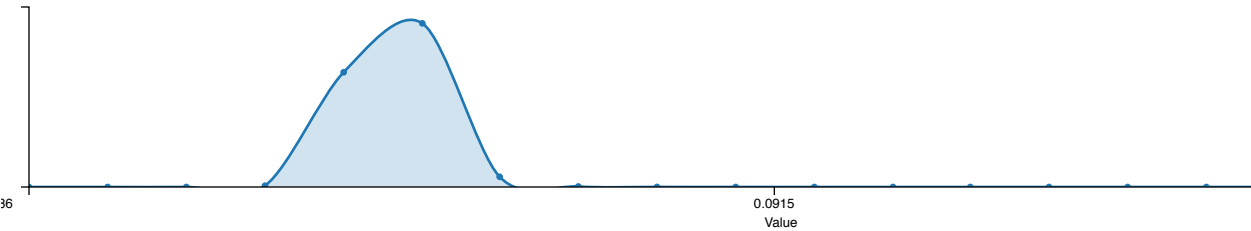
Data shape: [512 29 29]
Mean: 3.53349
Std deviation: 14.2864



"conv5_3"

Weights (Convolution layer)
2,359,808 learned parameters

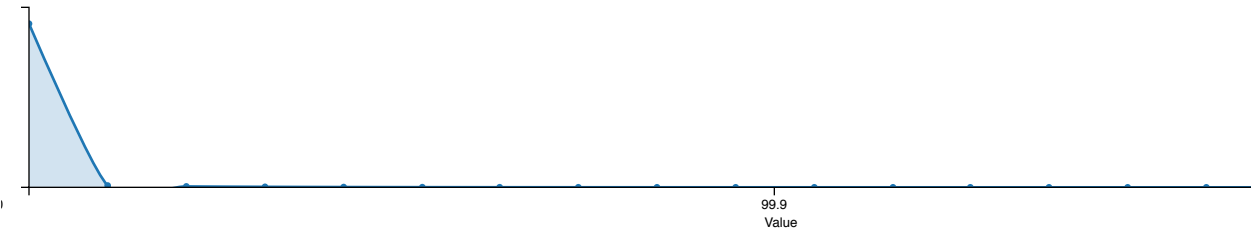
Data shape: [512 512 3 3]
Mean: -0.00112333
Std deviation: 0.00859778



"conv5_3"

Activation

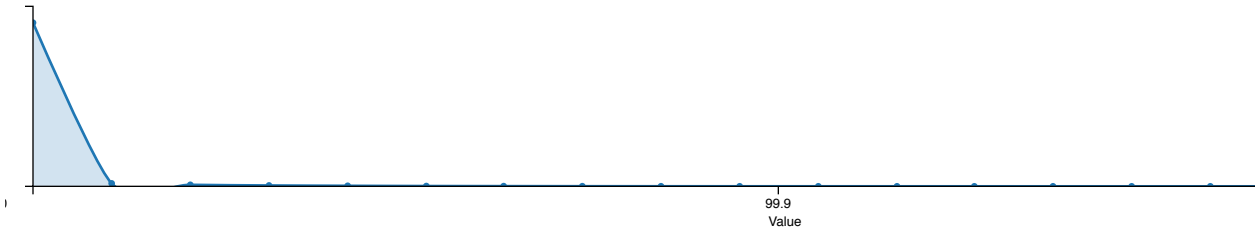
Data shape: [512 29 29]
Mean: 0.810401
Std deviation: 5.16757



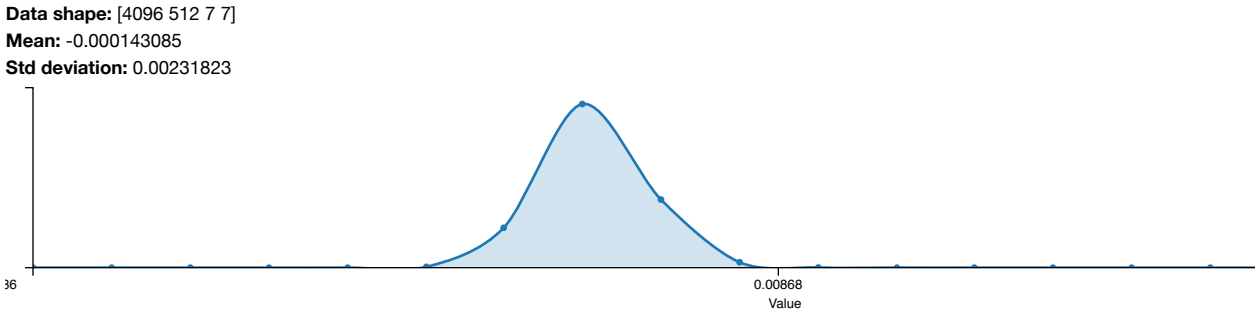
"pool5"

Activation

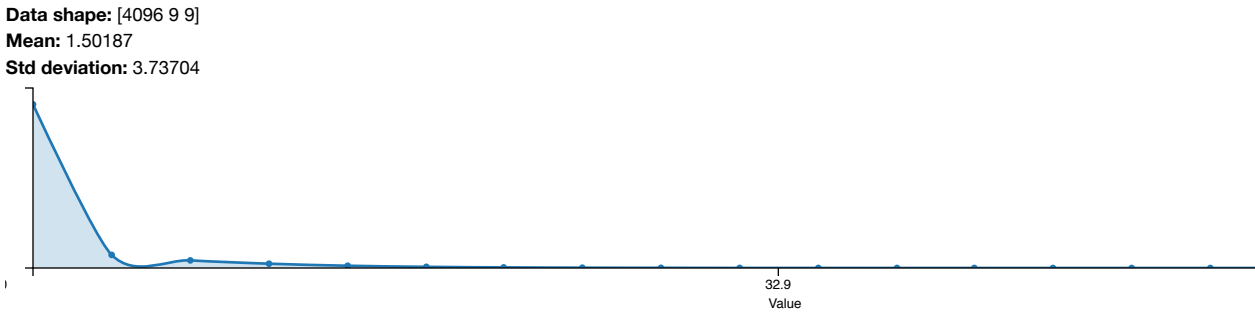
Data shape: [512 15 15]
Mean: 1.38574
Std deviation: 6.97538



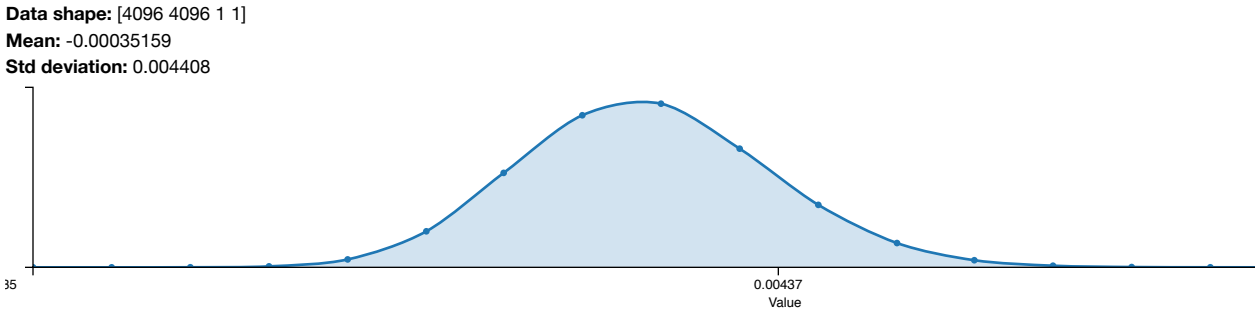
"fc6"
Weights (Convolution layer)
102,764,544 learned parameters



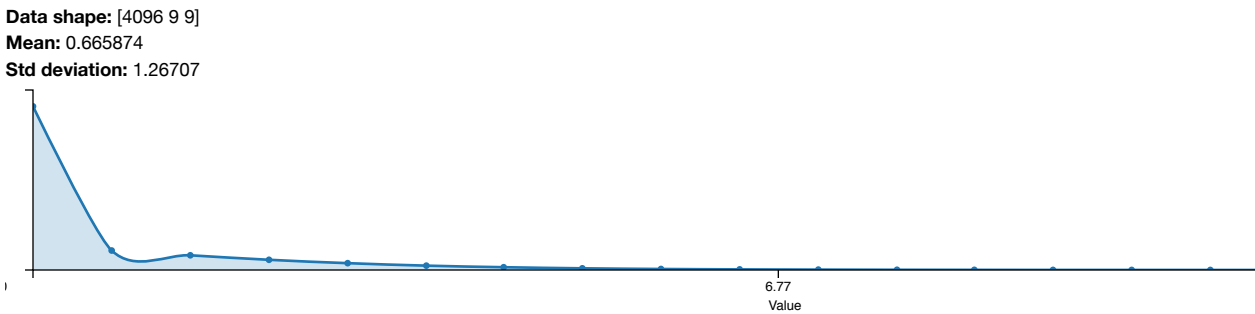
"fc6"
Activation



"fc7"
Weights (Convolution layer)
16,781,312 learned parameters



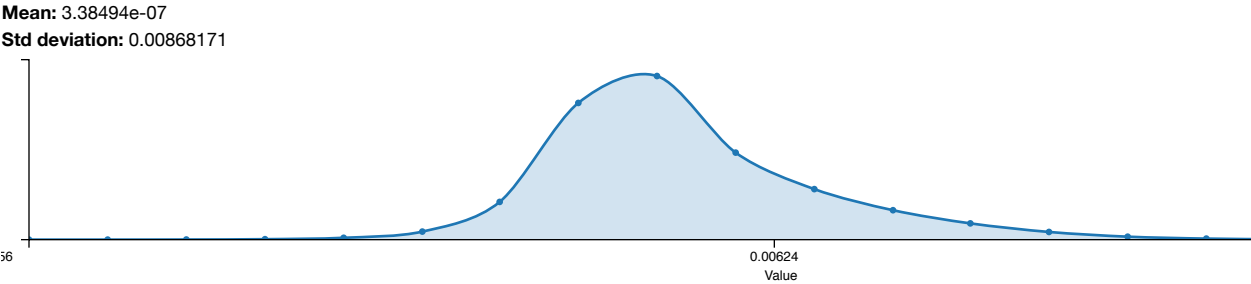
"fc7"
Activation



Data shape: [21 4096 1 1]

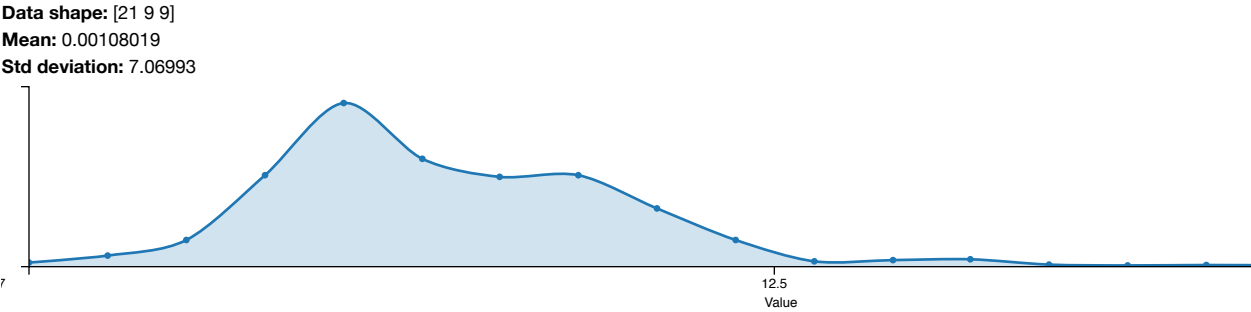
"score_fr"

Weights (Convolution layer)
86,037 learned parameters



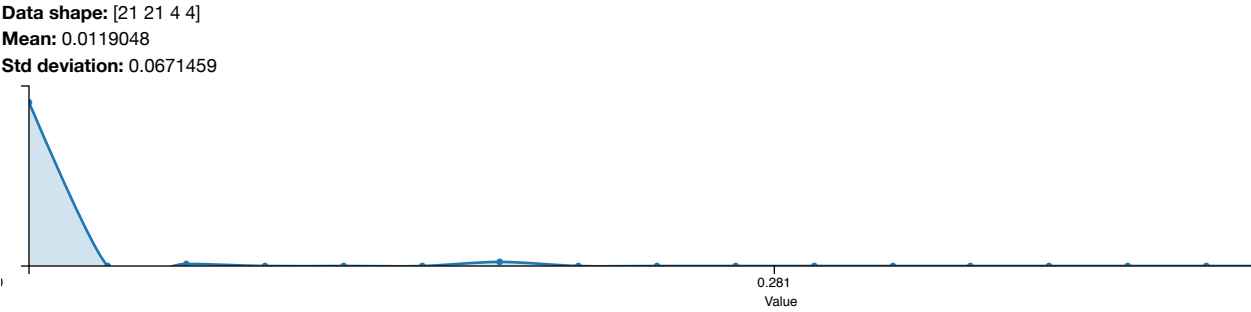
"score_fr"

Activation



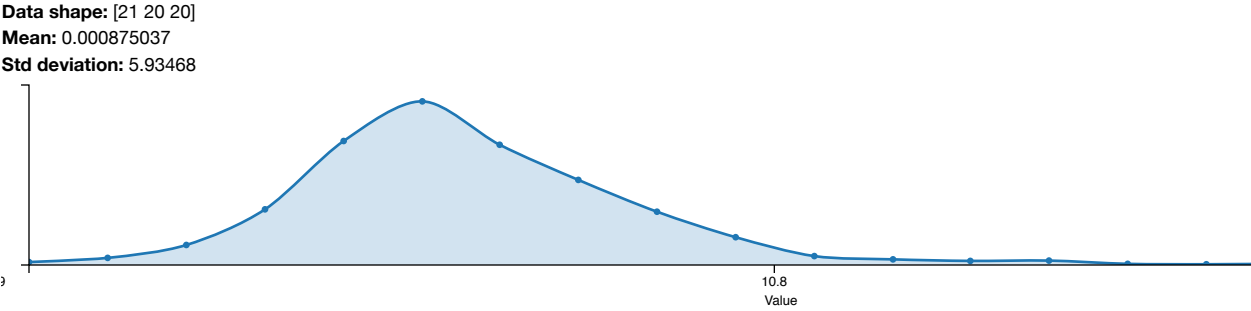
"upscore2"

Weights (Deconvolution layer)
7,056 learned parameters



"upscore2"

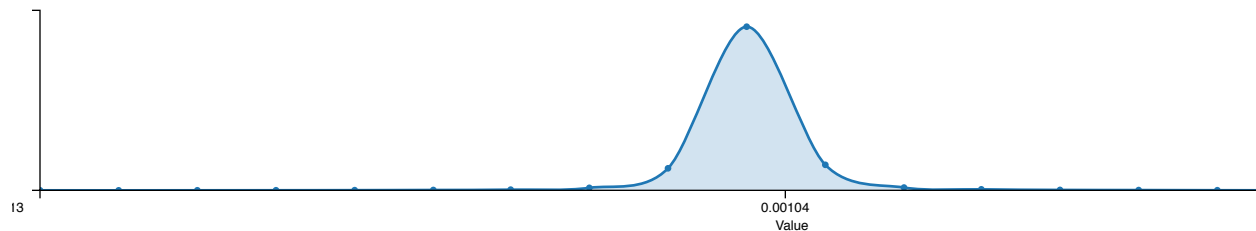
Activation



"score_pool4"

Weights (Convolution layer)
10,773 learned parameters

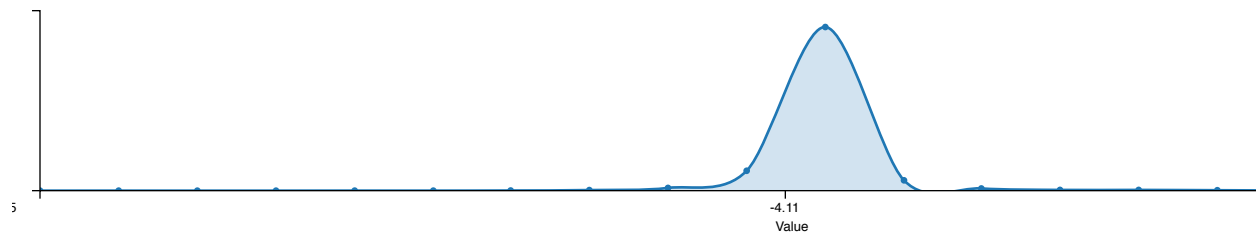




"score_pool4"

Activation

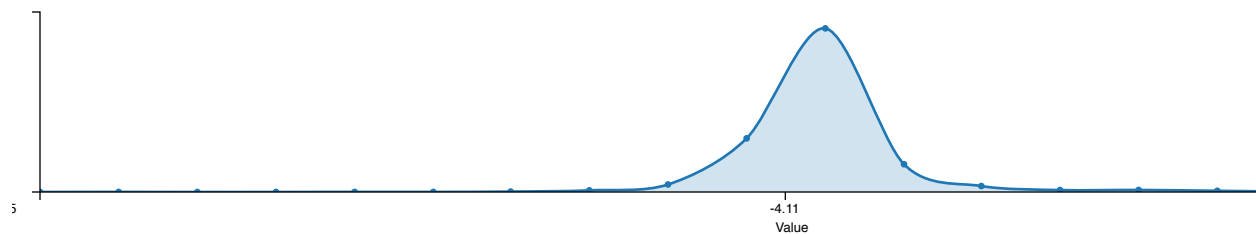
Data shape: [21 29 29]
Mean: -0.000357523
Std deviation: 6.61685



"score_pool4c"

Activation

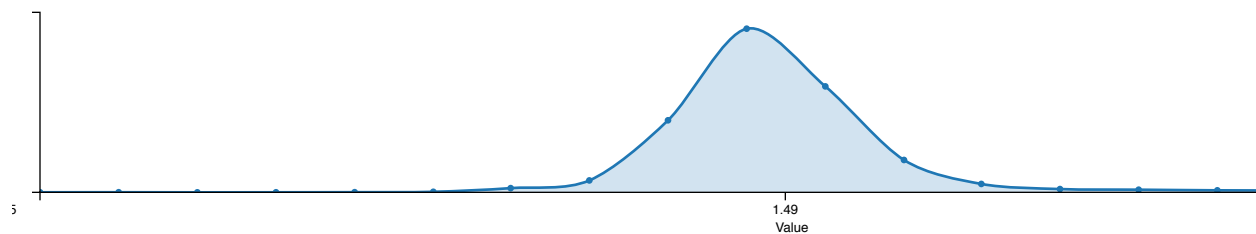
Data shape: [21 20 20]
Mean: -0.000728567
Std deviation: 9.51078



"fuse_pool4"

Activation

Data shape: [21 20 20]
Mean: 0.000146208
Std deviation: 13.5347

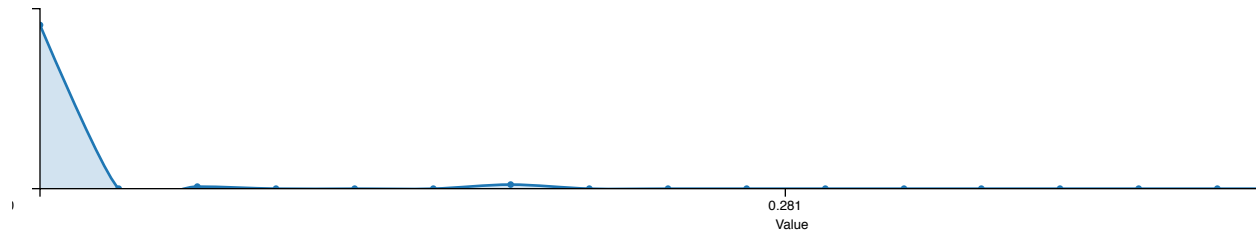


"upscore_pool4"

Weights (*Deconvolution layer*)

7,056 learned parameters

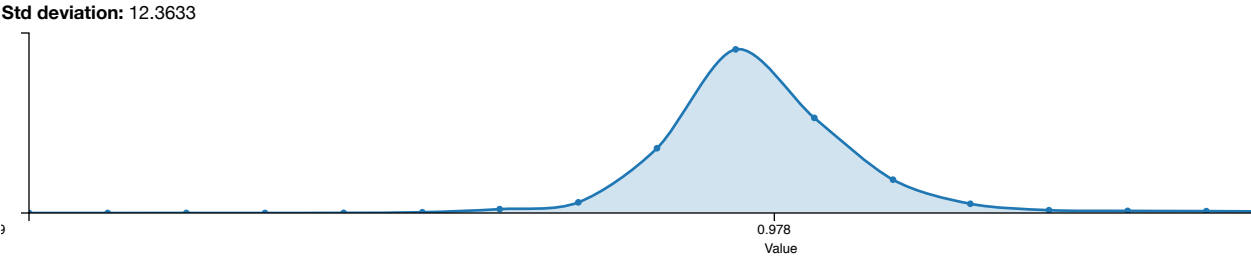
Data shape: [21 21 4 4]
Mean: 0.0119048
Std deviation: 0.0671459



"upscore_pool4"

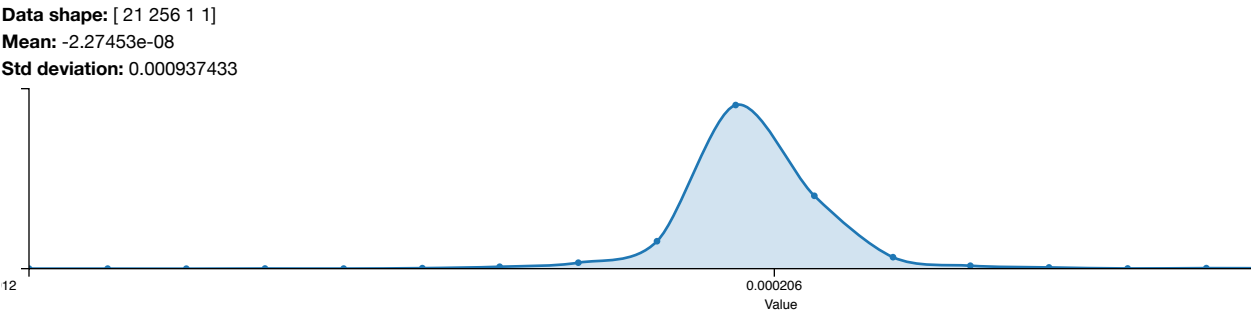
Data shape: [21 42 42]
Mean: 0.000132773

Activation



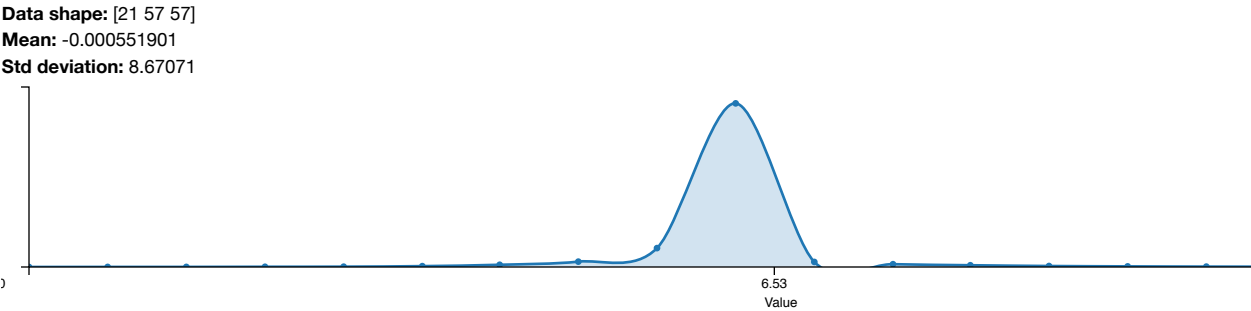
"score_pool3"

Weights (*Convolution layer*)
5,397 learned parameters



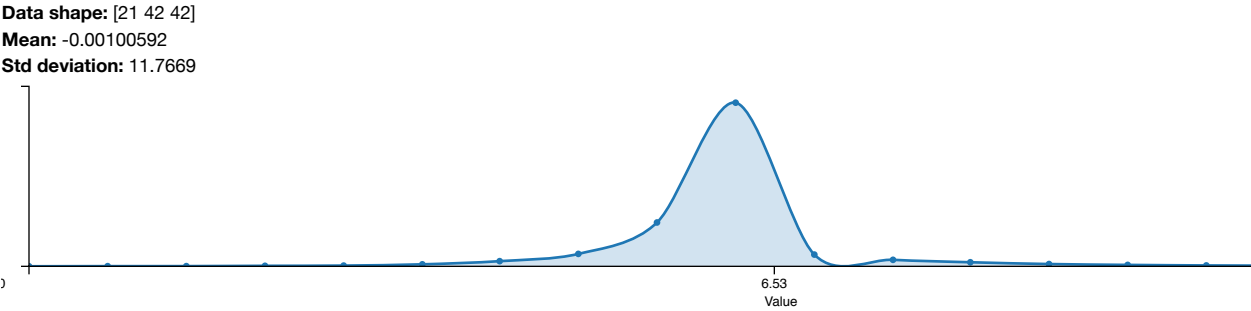
"score_pool3"

Activation



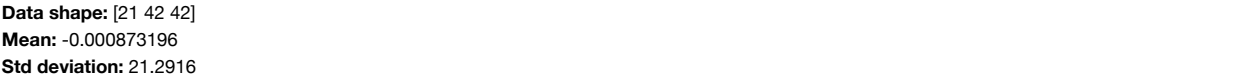
"score_pool3c"

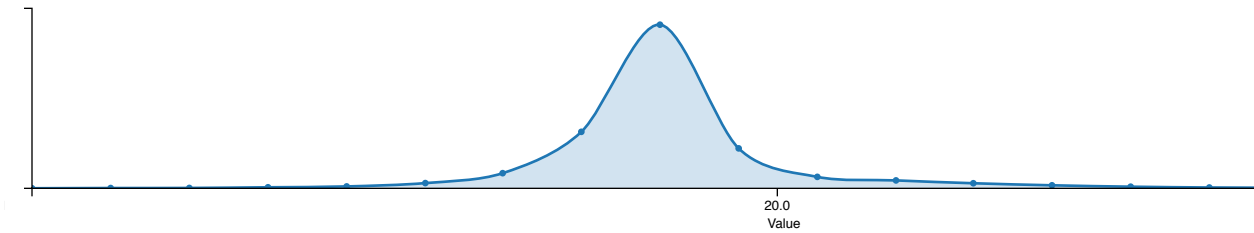
Activation



"fuse_pool3"

Activation

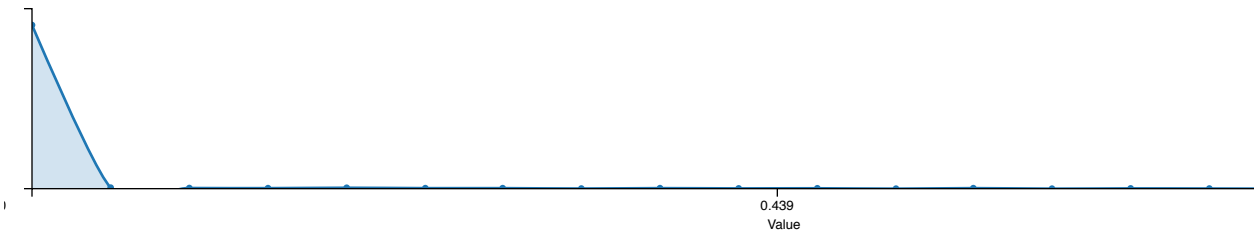




"upscore8"

Weights (*Deconvolution layer*)
112,896 learned parameters

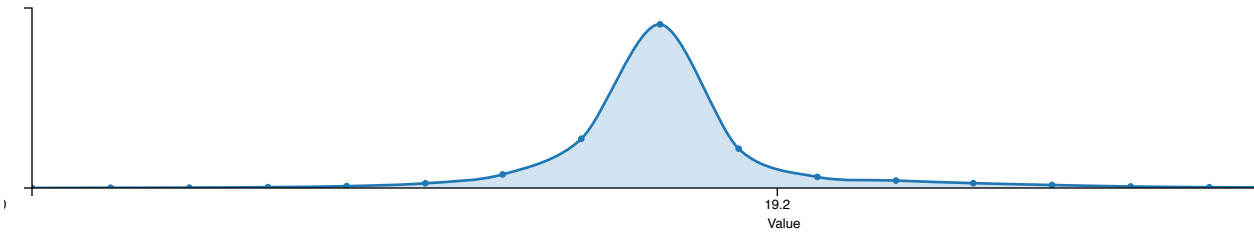
Data shape: [21 21 16 16]
Mean: 0.0119048
Std deviation: 0.0714705



"upscore8"

Activation

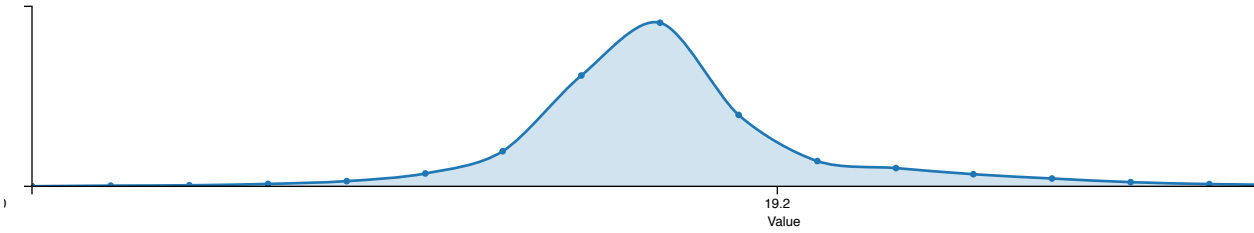
Data shape: [21 344 344]
Mean: -0.000832433
Std deviation: 20.5604



"score"

Activation

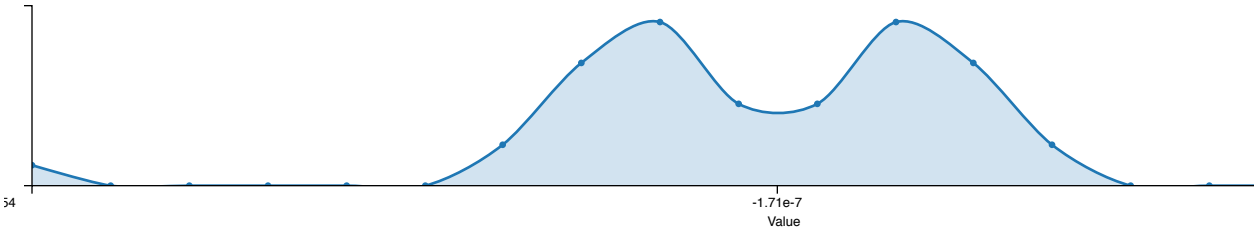
Data shape: [21 256 256]
Mean: -0.00144888
Std deviation: 26.3886



"score_2classes"

Weights (*Convolution layer*)
44 learned parameters

Data shape: [2 21 1 1]
Mean: 3.31506e-09
Std deviation: 0.0129846

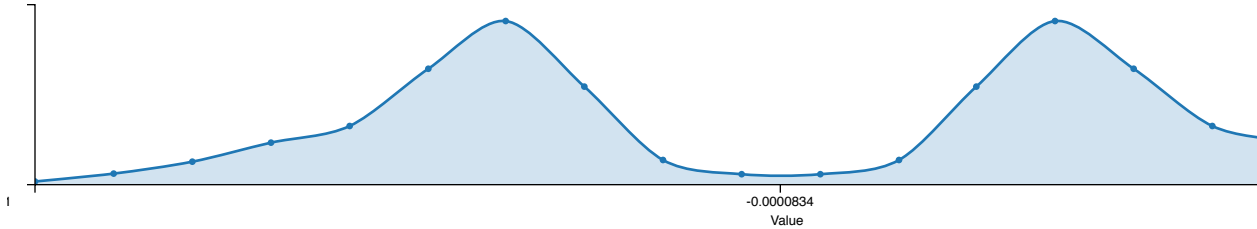


Data shape: [2 256 256]

"score_2classes"

Mean: -3.52263e-05
Std deviation: 5.83382

Activation



Totals

Total learned parameters: 134,489,803