

## Infer One Image

Owner: iitp3-2

[Clone Job](#)[Delete Job](#)

### iitp3-1\_segnet\_md Generic Image Model



Source image



Inference visualization



sky  terrain

#### Job Status Done

- Initialized at 08:44:01 AM (1 second)
- Running at 08:44:03 AM (24 seconds)
- Done at 08:44:27 AM  
(Total - 25 seconds)

#### Infer Model Done ▾

#### Notes

None

#### Description

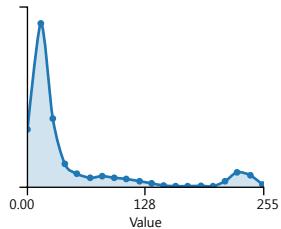
#### Statistics

#### Visualization

"data"

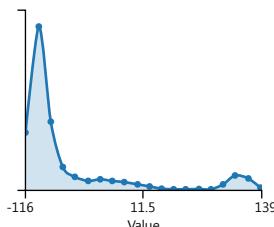
Activation

**Data shape:** [ 3 720 1280]  
**Mean:** 51.089775  
**Std deviation:** 62.506584



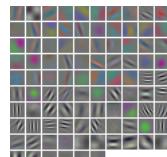
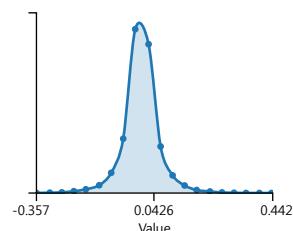
**"data\_preprocessed"**

Activation

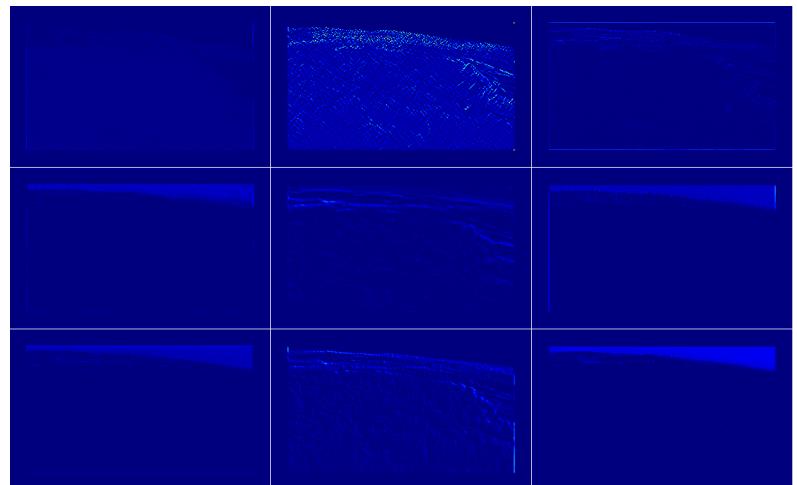
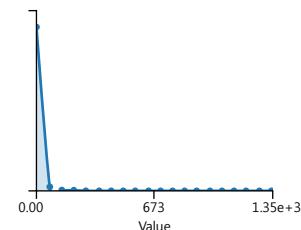
**Data shape:** [ 3 720 1280]**Mean:** -64.910225**Std deviation:** 62.506584**"conv1"**

Weights (Convolution layer)

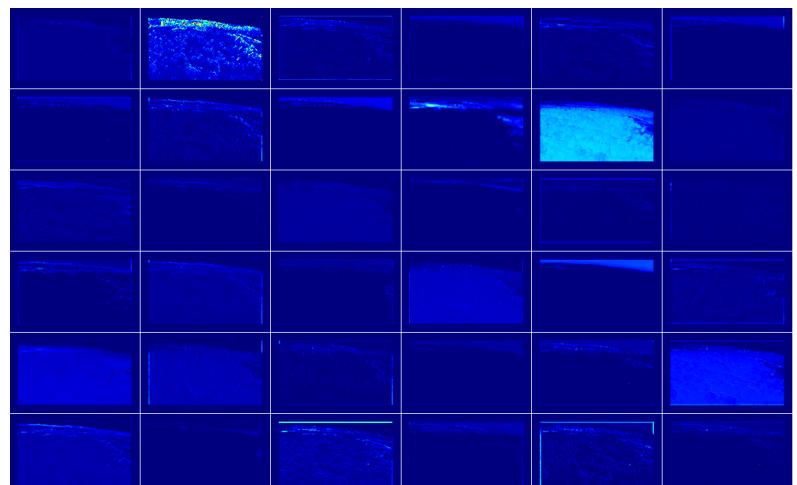
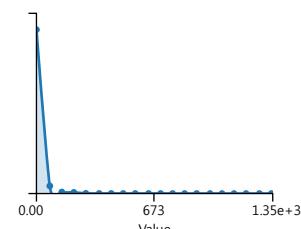
34,944 learned parameters

**Data shape:** [ 96 3 11 11]**Mean:** 2.8565013e-05**Std deviation:** 0.05869**"conv1"**

Activation

**Data shape:** [ 96 228 368]**Mean:** 10.843205**Std deviation:** 29.462126**"pool1"**

Activation

**Data shape:** [ 96 114 184]**Mean:** 17.276257**Std deviation:** 41.679615

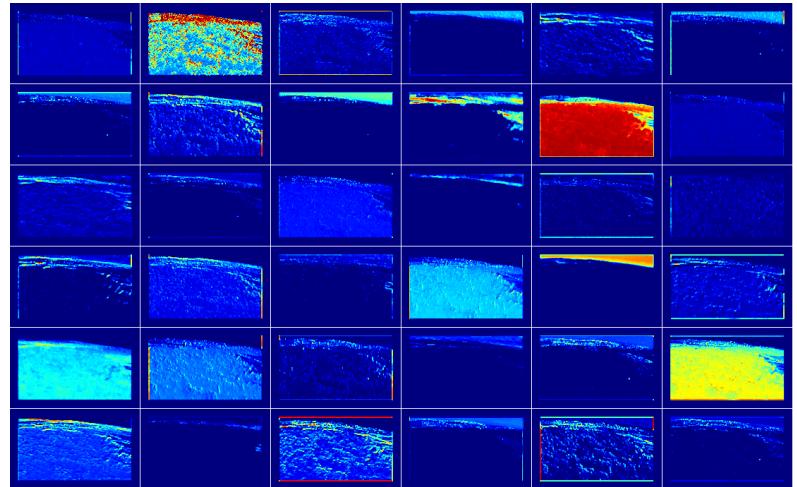
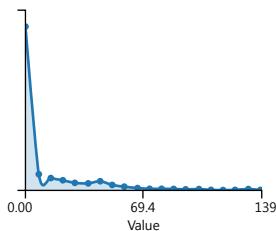
**"norm1"**

Activation

Data shape: [ 96 114 184]

Mean: 13.129156

Std deviation: 24.058954

**"conv2"**

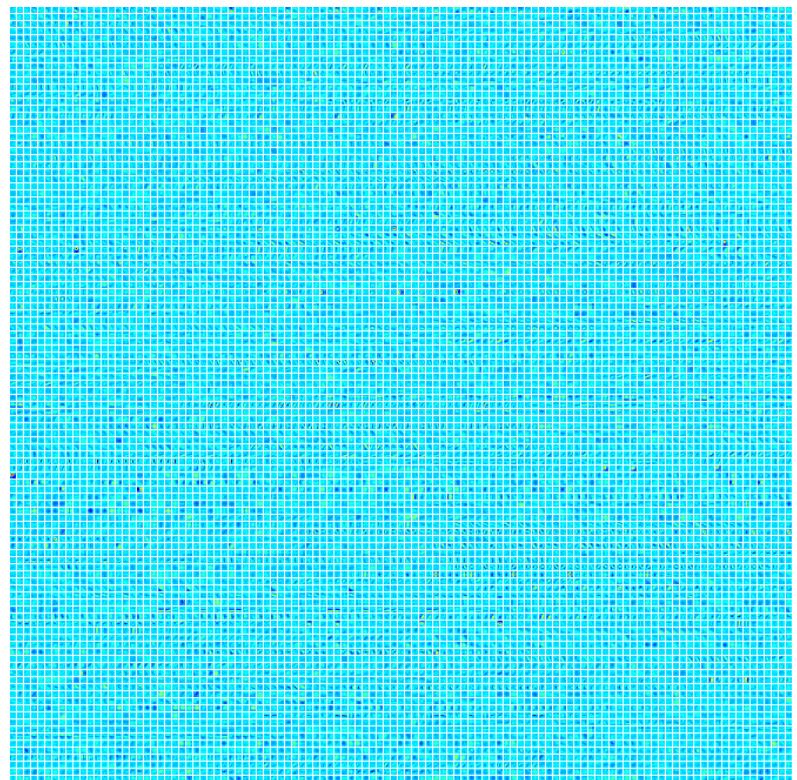
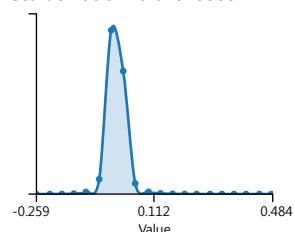
Weights (Convolution layer)

307,456 learned parameters

Data shape: [256 48 5 5]

Mean: -0.0011907093

Std deviation: 0.025258852

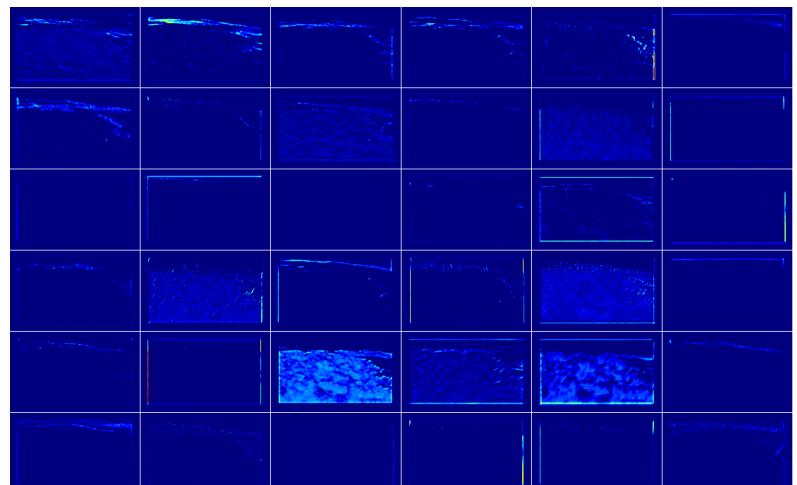
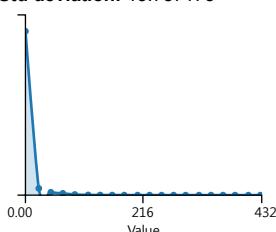
**"conv2"**

Activation

Data shape: [256 114 184]

Mean: 4.452935

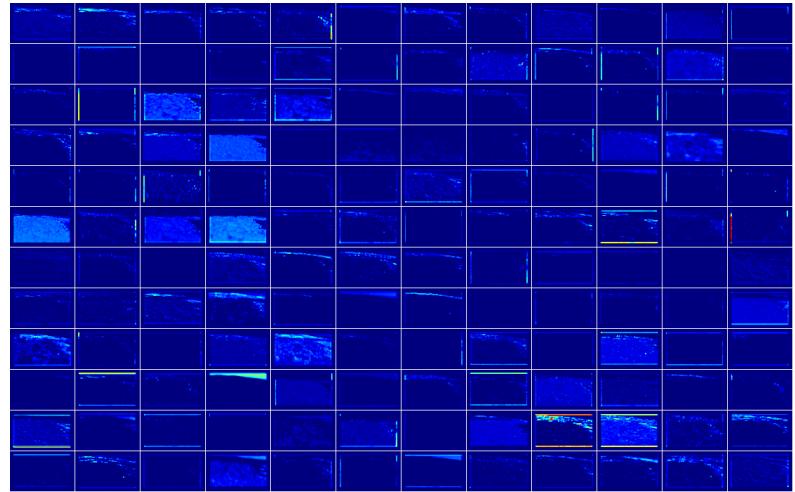
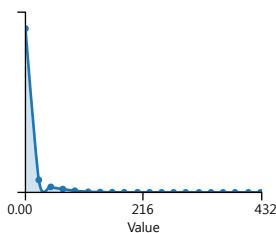
Std deviation: 15.787175



## "pool2"

Activation

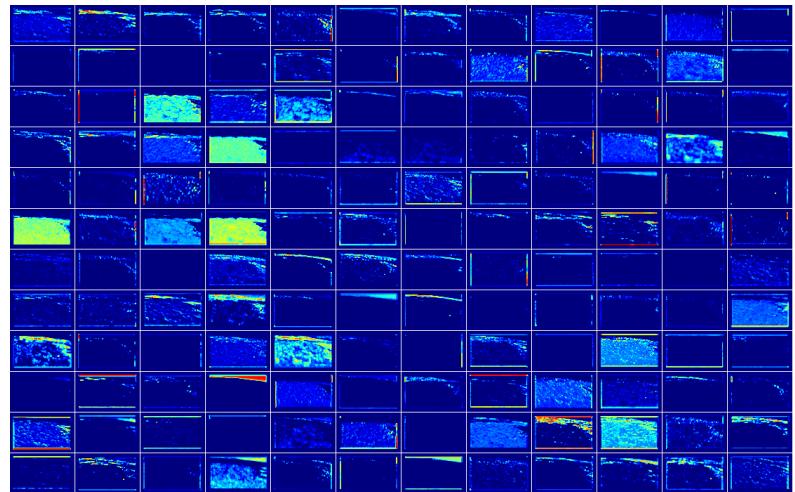
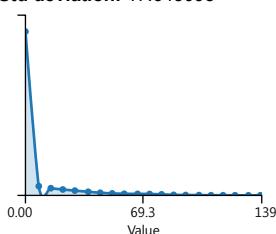
Data shape: [256 57 92]  
Mean: 8.320549  
Std deviation: 22.553398



## "norm2"

Activation

Data shape: [256 57 92]  
Mean: 7.280208  
Std deviation: 17.643095

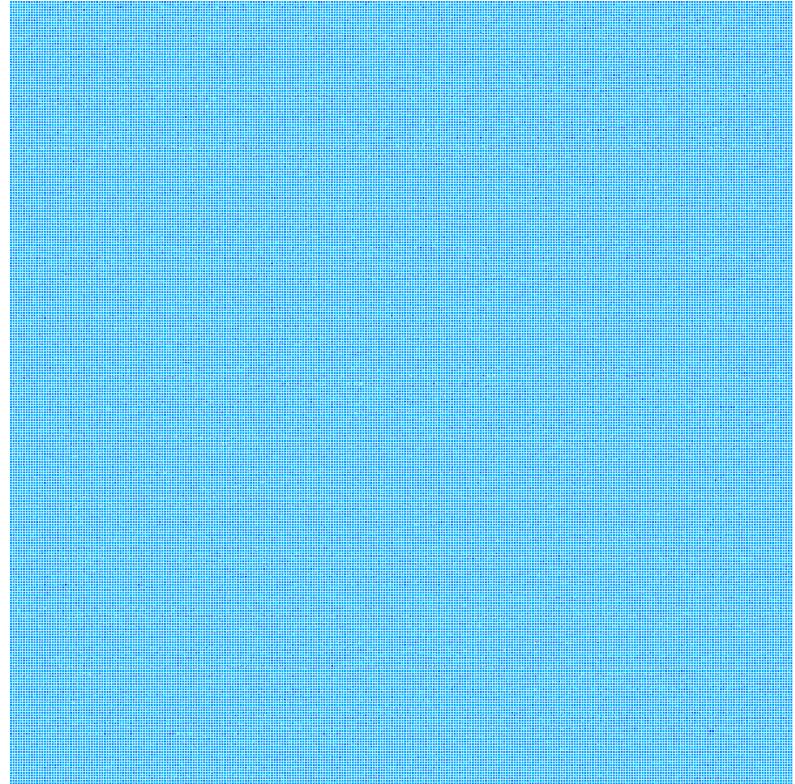
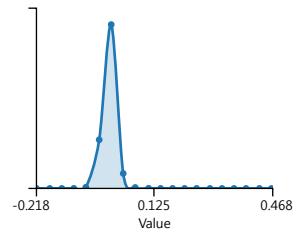


## "conv3"

Weights (Convolution layer)

885,120 learned parameters

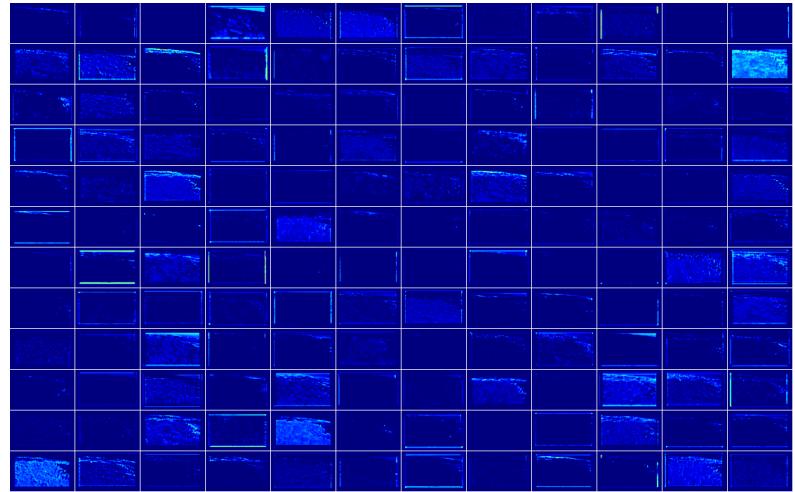
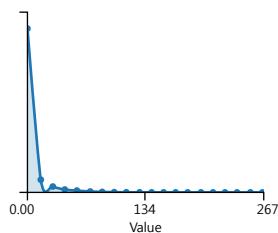
Data shape: [384 256 3 3]  
Mean: -0.0008028939  
Std deviation: 0.016803509



## "conv3"

Activation

**Data shape:** [384 57 92]  
**Mean:** 5.207015  
**Std deviation:** 13.888009

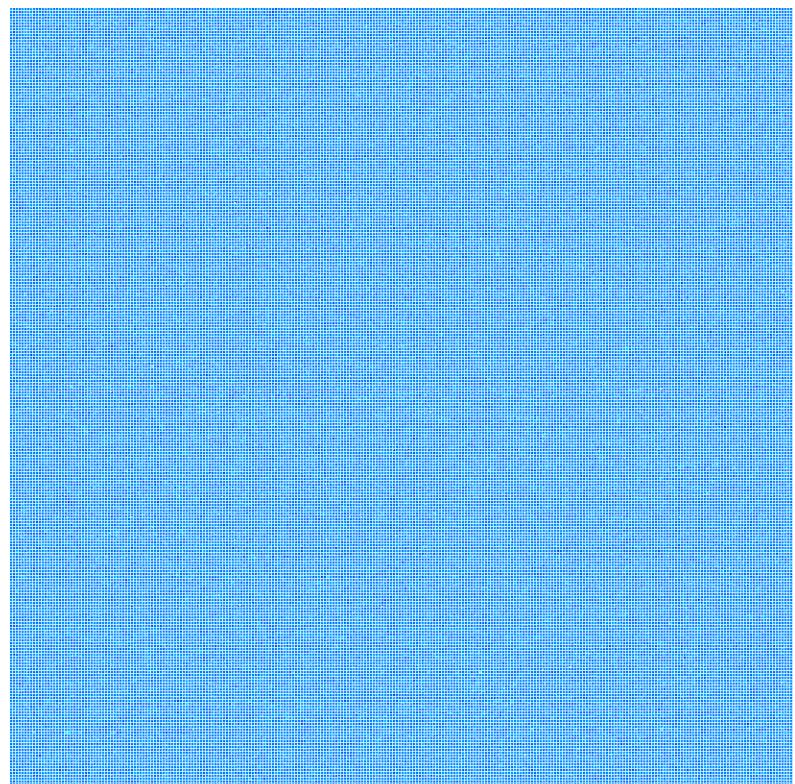
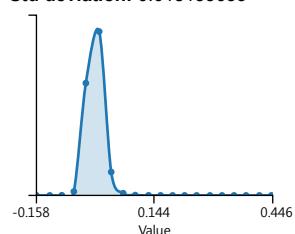


## "conv4"

Weights (Convolution layer)

663,936 learned parameters

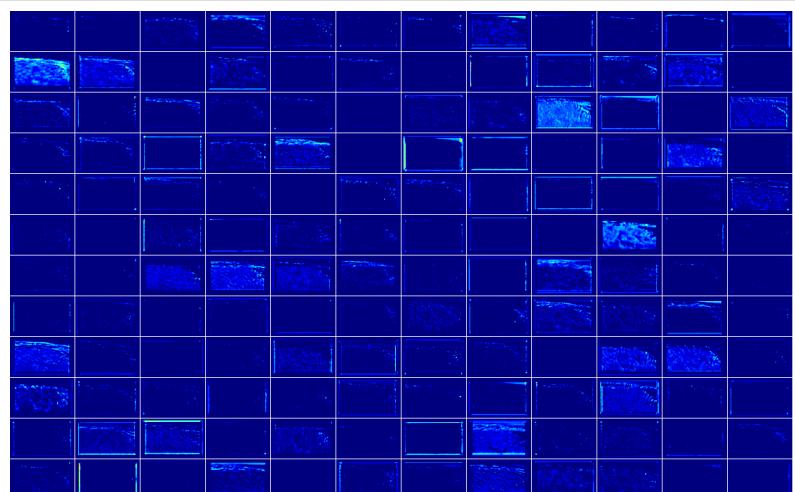
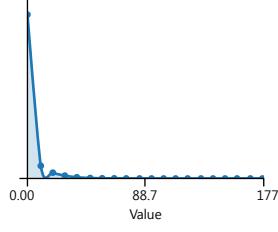
**Data shape:** [384 192 3 3]  
**Mean:** -0.0011932293  
**Std deviation:** 0.018133653



## "conv4"

Activation

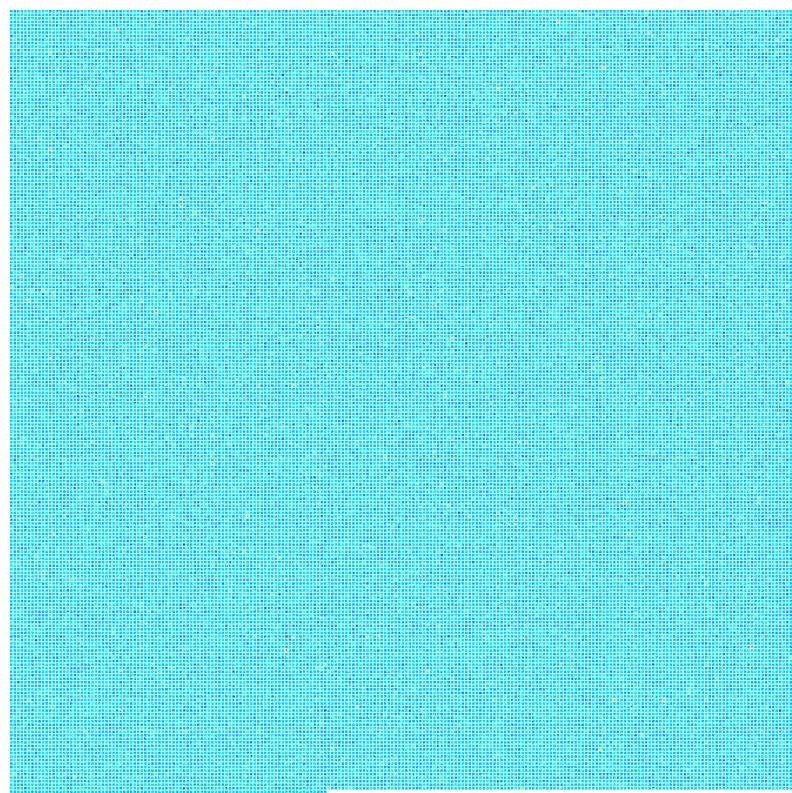
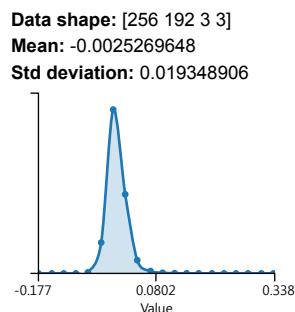
**Data shape:** [384 57 92]  
**Mean:** 3.021486  
**Std deviation:** 7.63529



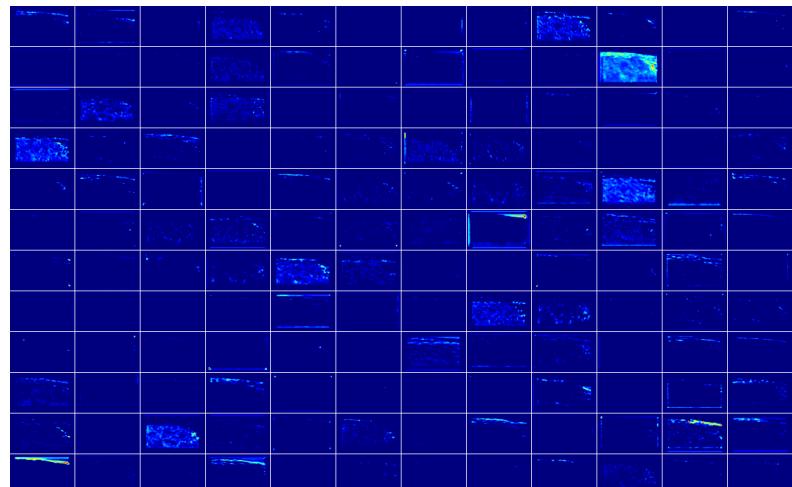
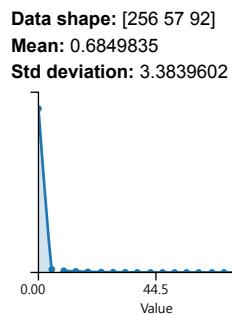
**"conv5"**

Weights (Convolution layer)

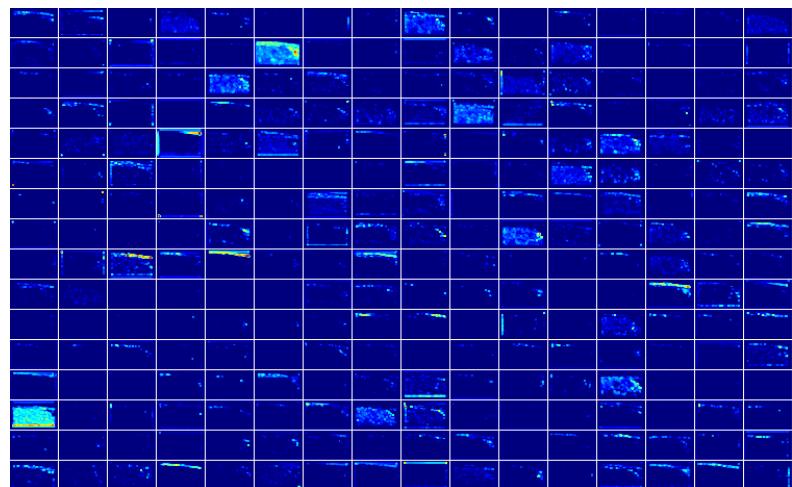
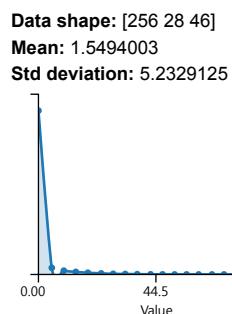
442,624 learned parameters

**"conv5"**

Activation

**"pool5"**

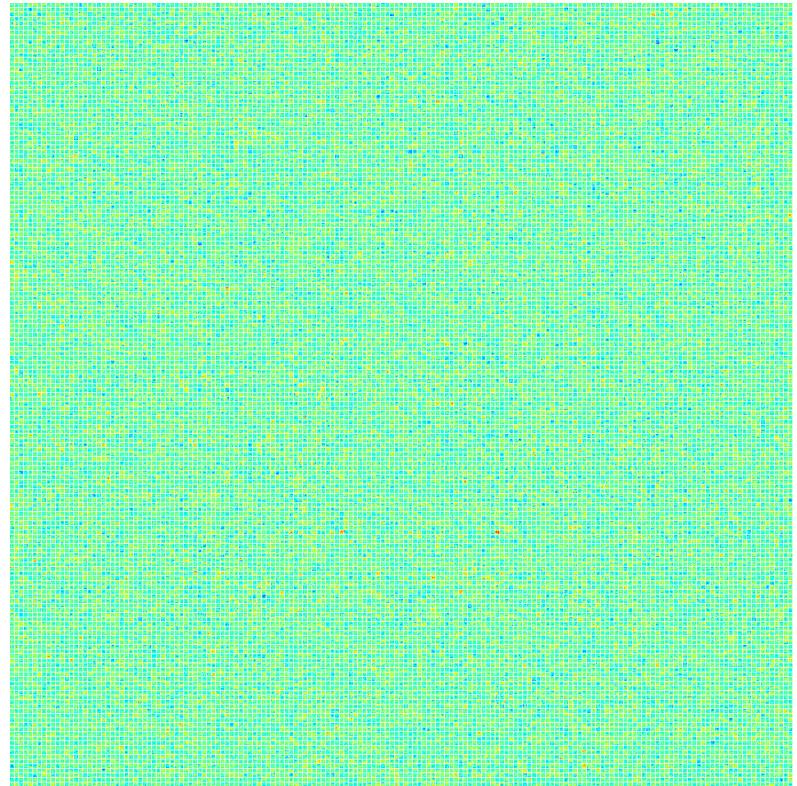
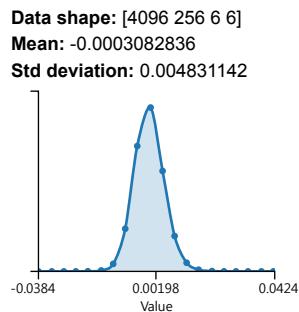
Activation



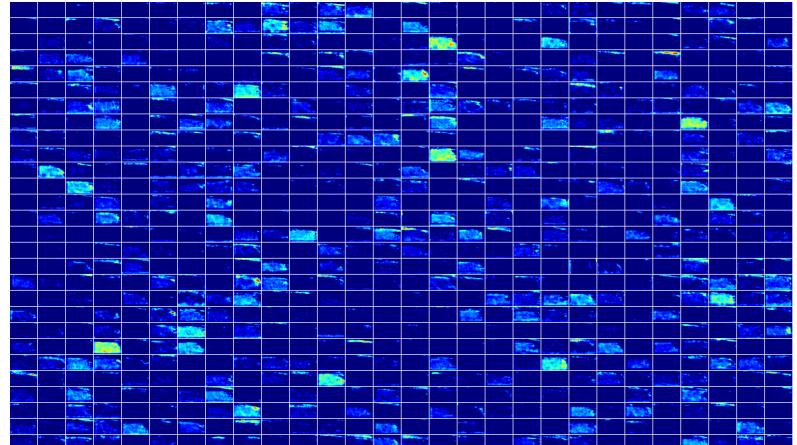
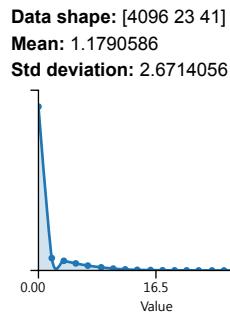
**"fc6"**

Weights (Convolution layer)

37,752,832 learned parameters

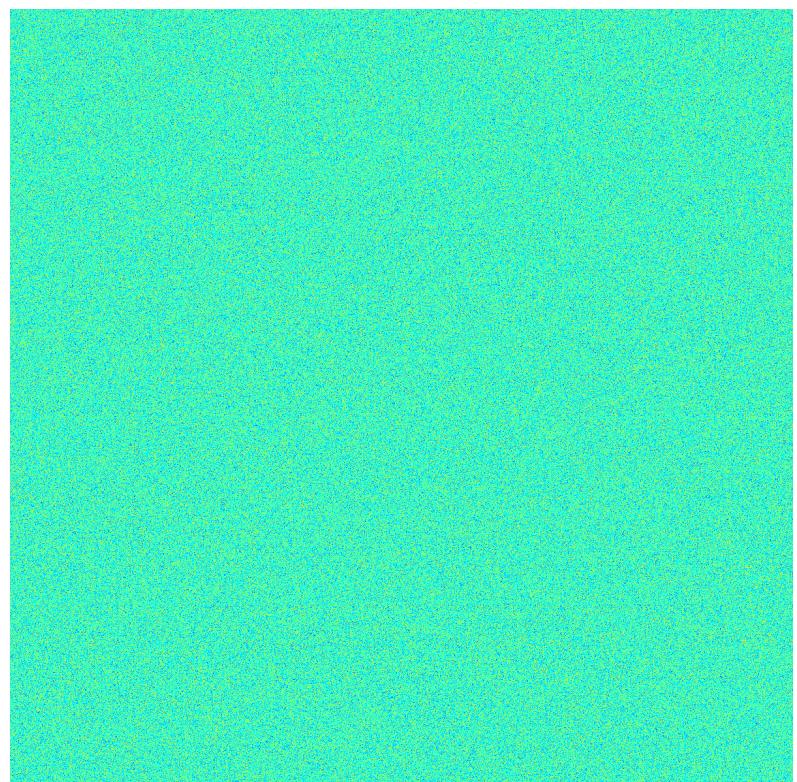
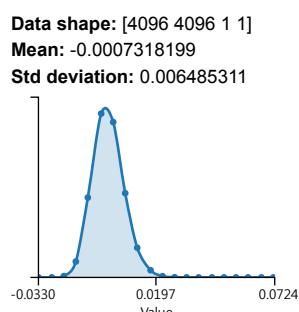
**"fc6"**

Activation

**"fc7"**

Weights (Convolution layer)

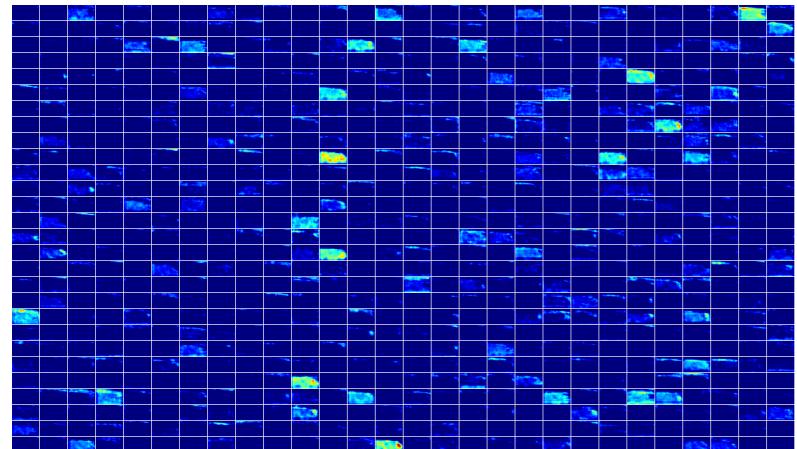
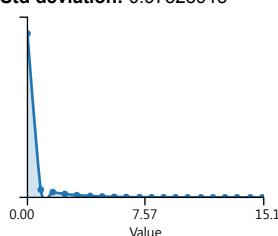
16,781,312 learned parameters



**"fc7"**

Activation

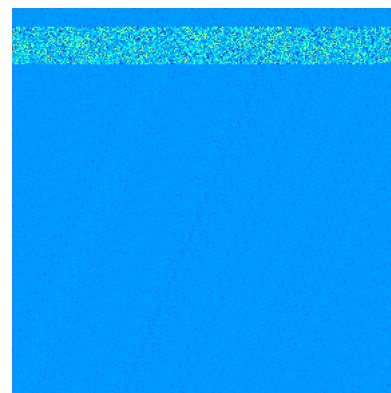
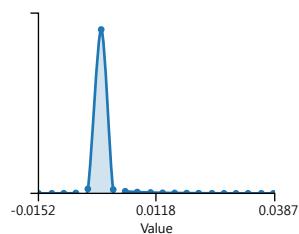
Data shape: [4096 23 41]  
Mean: 0.31670755  
Std deviation: 0.97325915

**"score\_fr"**

Weights (Convolution layer)

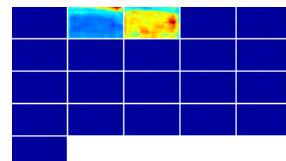
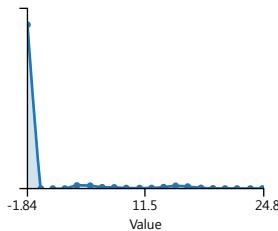
86,037 learned parameters

Data shape: [ 21 4096 1 1]  
Mean: -6.678082e-08  
Std deviation: 0.0021038777

**"score\_fr"**

Activation

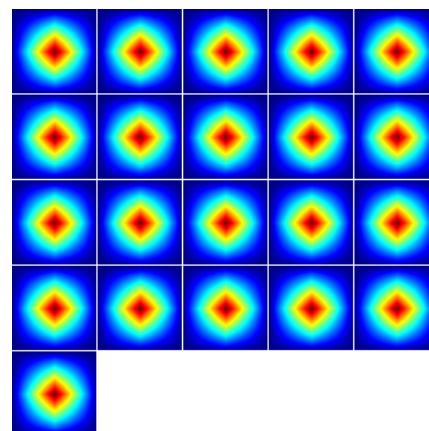
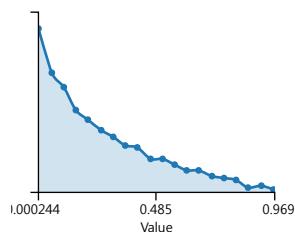
Data shape: [21 23 41]  
Mean: -0.0003251633  
Std deviation: 3.6375968

**"upscore"**

Weights (Deconvolution layer)

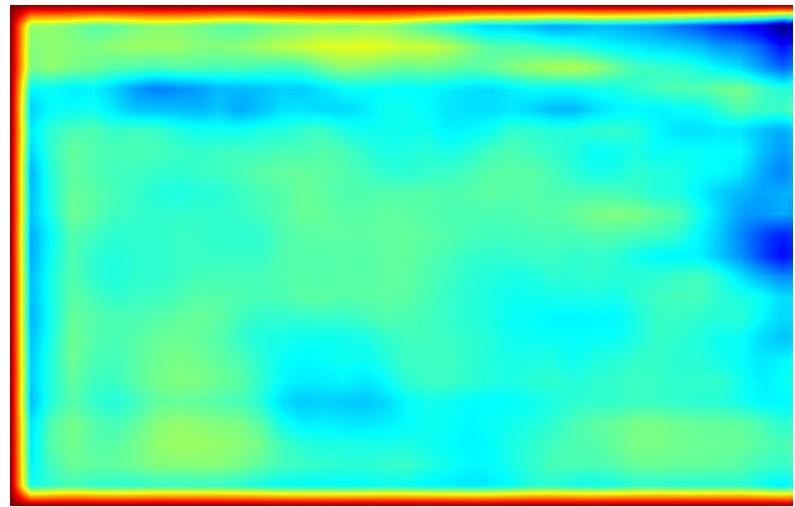
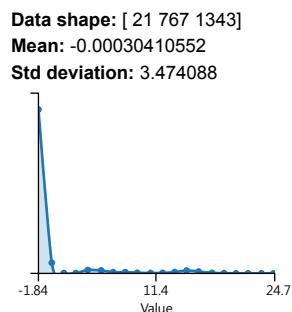
83,349 learned parameters

Data shape: [21 1 63 63]  
Mean: 0.25774765  
Std deviation: 0.21948579

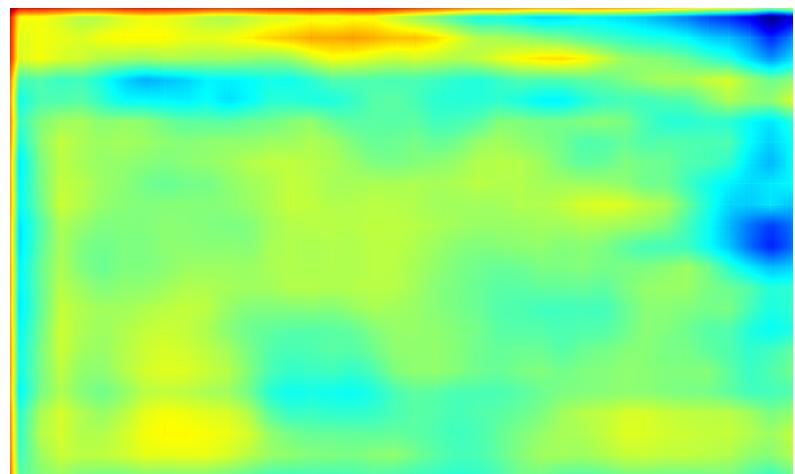
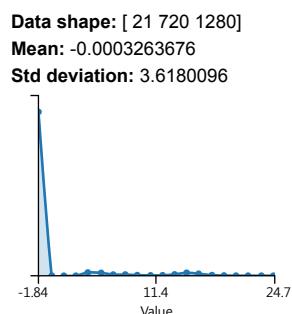


**"upscore"**

Activation

**"score"**

Activation



Total/s

**Total learned parameters:**  
57,037,610