

## MNIST

## FashionMNIST

**Class**

Digit 6

Digit 0

Digit 9

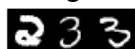
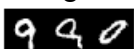
Digit 3

Pullover

Trouser

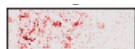
Sandal

Sneaker

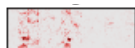


### Sensitivity Analysis

Shallow-12



Deep-12



DeepV2-12

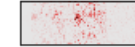
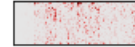
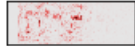


ConvDeep-12



### Guided Backprop

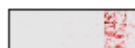
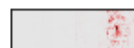
Shallow-12



Deep-12



DeepV2-12

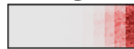


ConvDeep-12

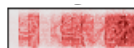
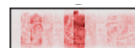


### Deep Taylor Decomposition

Shallow-12



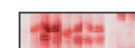
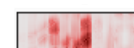
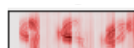
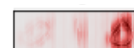
Deep-12



DeepV2-12



ConvDeep-12



—▲— indicate the ground truth relevant area