

MNIST-MAJ

FashionMNIST-MAJ

Class

Digit 1

Digit 9

Digit 0

Sandal

Sneaker

Sandal

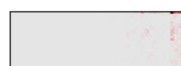


Sensitivity Analysis

Deep



Deep-SD



R-LSTM

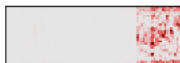


R-LSTM-SD

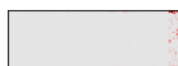


Guided Backprop

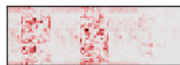
Deep



Deep-SD



R-LSTM

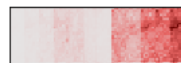


R-LSTM-SD

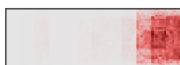


Deep Taylor Decomposition

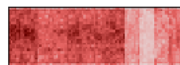
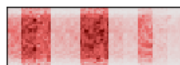
Deep



Deep-SD



R-LSTM

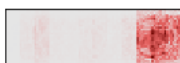
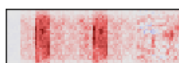


R-LSTM-SD

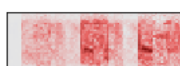
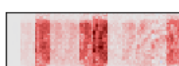


LRP- $\alpha_{1.5}\beta_{0.5}$

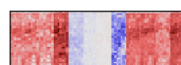
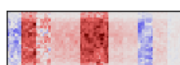
Deep



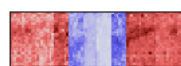
Deep-SD



R-LSTM



R-LSTM-SD



$R_p \ll 0$

$R_p \gg 0$