

MNIST

Class

Digit 0

Digit 5

Digit 0

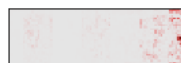


Sensitivity Analysis

Deep

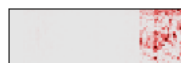


R-LSTM



Guided Backprop

Deep

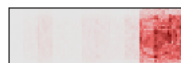


R-LSTM

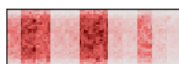


Deep Taylor Decomposition

Deep

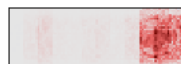


R-LSTM



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

Deep



R-LSTM



$R_i \ll 0$

$R_i \gg 0$