

## MNIST-MAJ

## FashionMNIST-MAJ

**Class**

Digit 1

Digit 9

Digit 0

Sandal

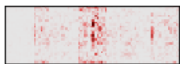
Sneaker

Sandal

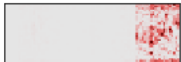


### Deep

SA



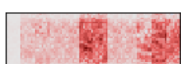
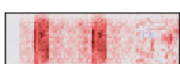
GB



DTD



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

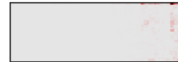
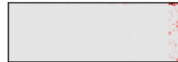
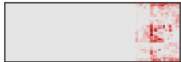


### Deep-SD

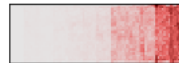
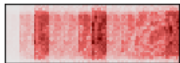
SA



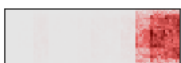
GB



DTD

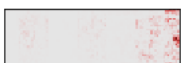


LRP- $\alpha_{1.5}\beta_{0.5}$



### R-LSTM

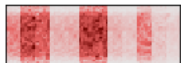
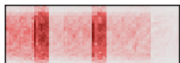
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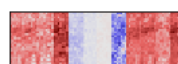
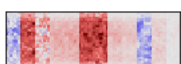
GB



DTD

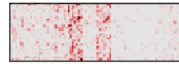
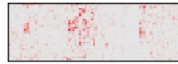
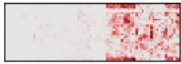
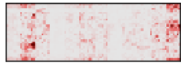
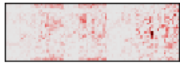


LRP- $\alpha_{1.5}\beta_{0.5}$

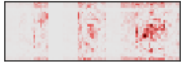
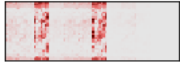


### R-LSTM-SD

SA



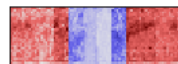
GB



DTD



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



$R_i \ll 0$

$R_i \gg 0$