Neural Network:

* I = input
* W = weight
* A = activation
* O = output

In model 2 x 2:

dW1 = Loss1 \* O1

dW2 = Loss1 \* O2

dW3 = Loss2 \* O1

dW4 = Loss2 \* O2

dLSTMLoss1 = (Loss1 \* O1 \* W1 + Loss2 \* O2 \* W2)

dLSTMLoss2 = (Loss1 \* O1 \* W3 + Loss2 \* O2 \* W4)

LSTM:

* I = input
* O = output / I­­NN
* W = weight
* A = activation