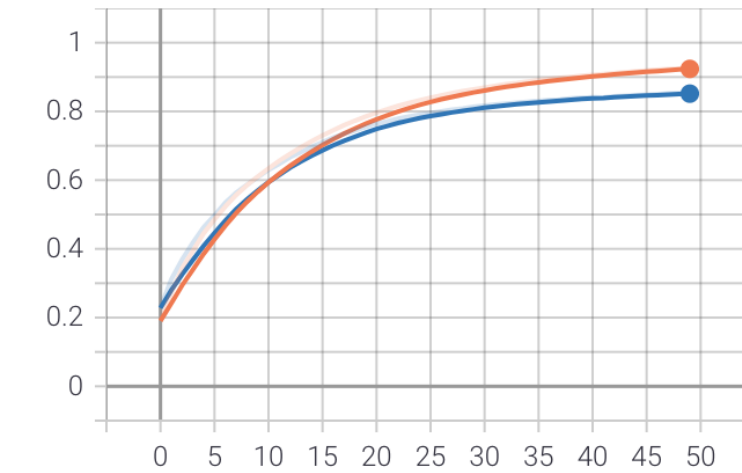


Model1:

Accuracy add loss plots

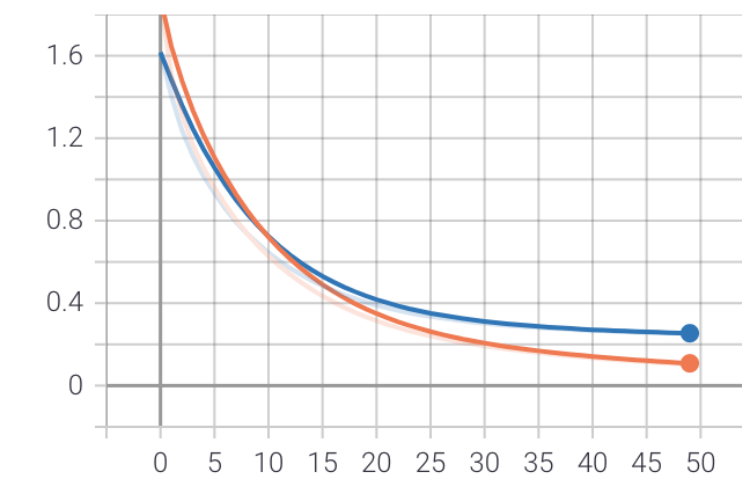
epoch\_accuracy

epoch\_accuracy



epoch\_loss

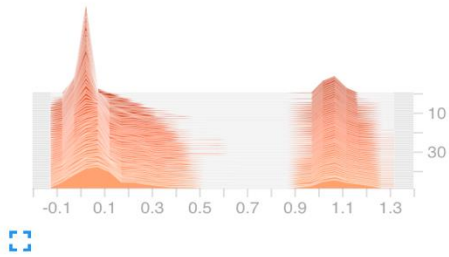
epoch\_loss



## Histograms

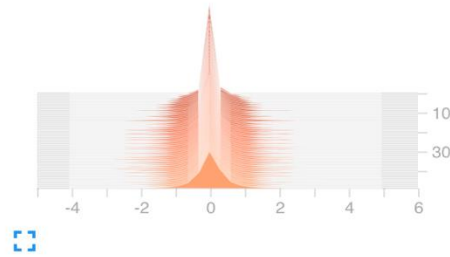
encoder\_decoder\_5/decoder\_6/decoder\_LSTM/  
lstm\_cell\_13/bias\_0

train



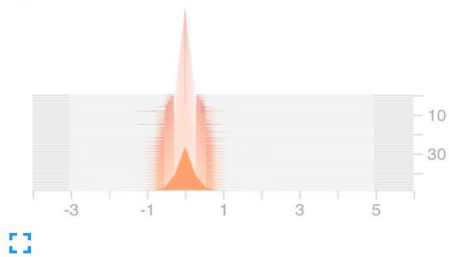
encoder\_decoder\_5/decoder\_6/decoder\_LSTM/  
lstm\_cell\_13/kernel\_0

train



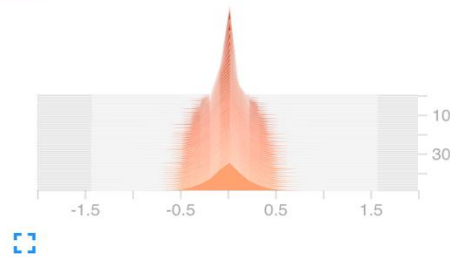
encoder\_decoder\_5/decoder\_6/decoder\_LSTM/  
lstm\_cell\_13/recurrent\_kernel\_0

train



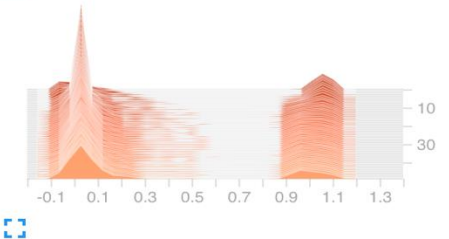
encoder\_decoder\_5/decoder\_6/decoder\_embe  
d\_layer/embeddings\_0

train



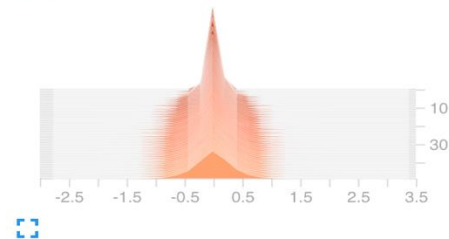
encoder\_decoder\_5/encoder\_6/encoder\_LSTM/  
lstm\_cell\_12/bias\_0

train



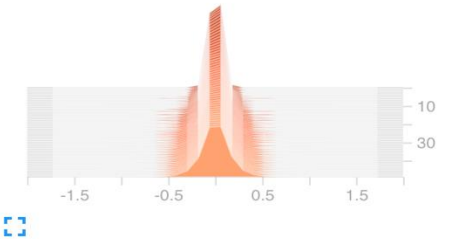
encoder\_decoder\_5/encoder\_6/encoder\_LSTM/  
lstm\_cell\_12/kernel\_0

train



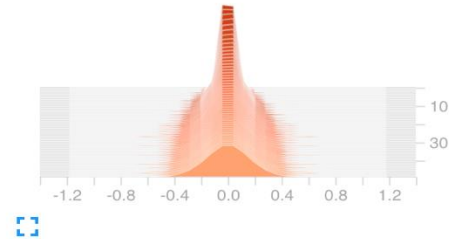
encoder\_decoder\_5/encoder\_6/encoder\_LSTM/  
lstm\_cell\_12/recurrent\_kernel\_0

train



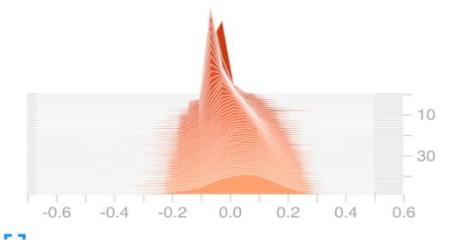
encoder\_decoder\_5/encoder\_6/encoder\_embe  
d\_layer/embeddings\_0

train



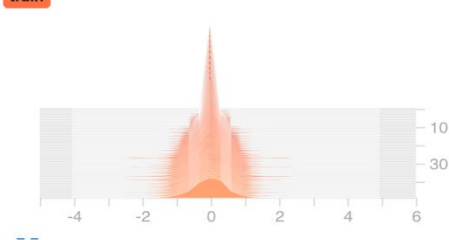
encoder\_decoder\_5/time\_distributed\_5/bias\_0

train

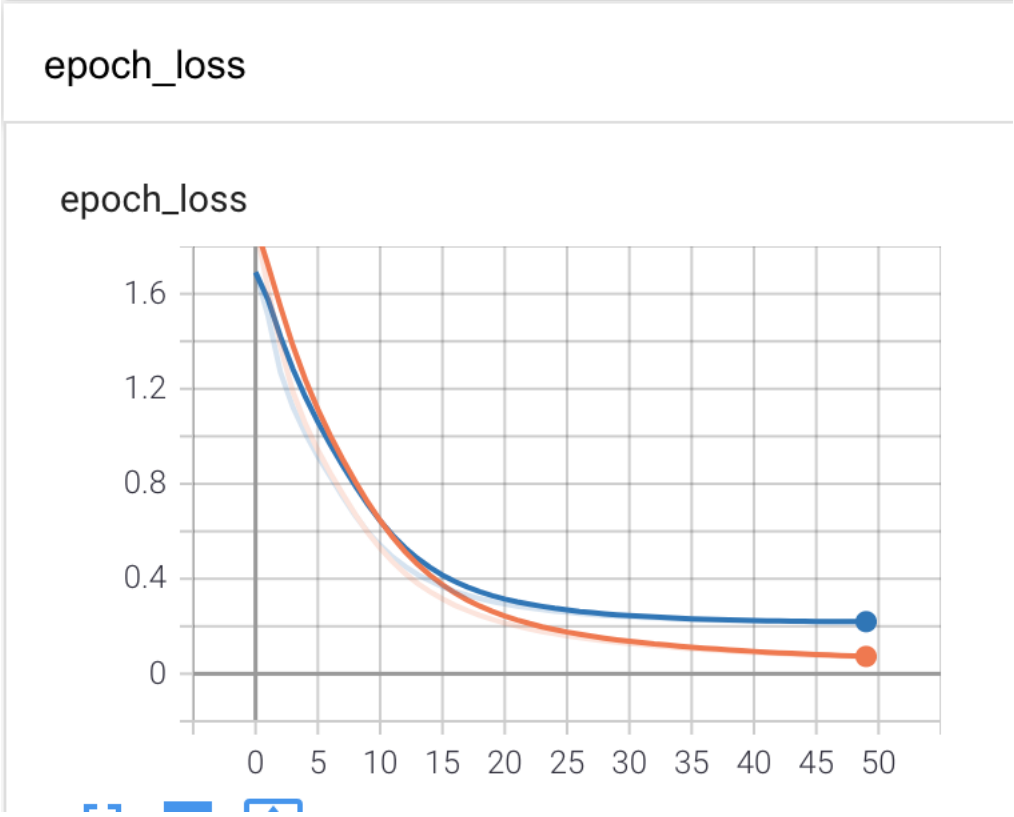
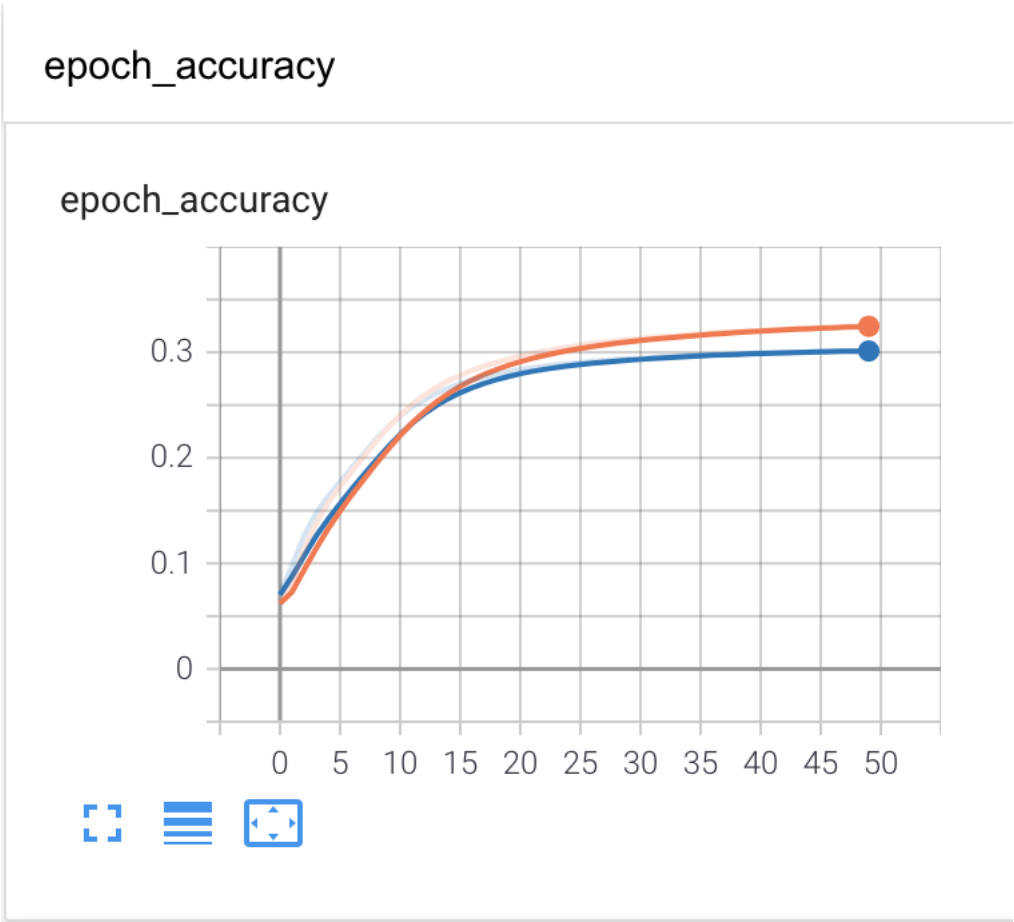


encoder\_decoder\_5/time\_distributed\_5/kernel\_0

train



Model2 (dot fuction)

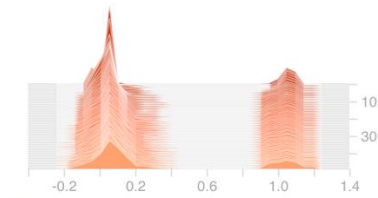


## Histograms

encoder\_decoder\_6

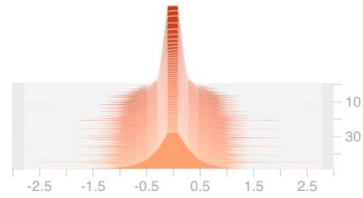
encoder\_decoder\_6/encoder\_9/encoder\_LSTM/  
lstm\_cell\_28/bias\_0

train



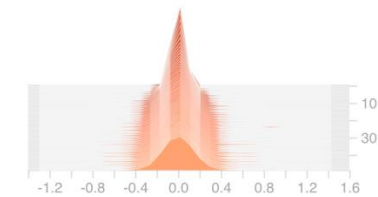
encoder\_decoder\_6/encoder\_9/encoder\_LSTM/  
lstm\_cell\_28/kernel\_0

train



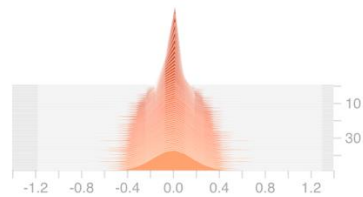
encoder\_decoder\_6/encoder\_9/encoder\_LSTM/  
lstm\_cell\_28/recurrent\_kernel\_0

train



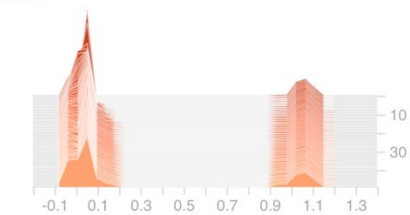
encoder\_decoder\_6/encoder\_9/encoder\_emb  
d\_layer/embeddings\_0

train



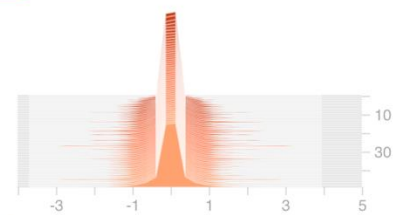
while/one\_step\_decoder\_12/decoder\_LSTM/  
lstm\_cell\_29/bias\_0

train



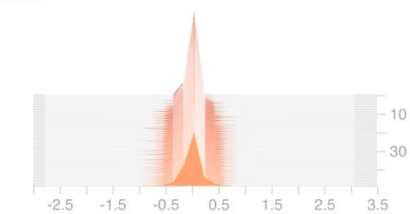
while/one\_step\_decoder\_12/decoder\_LSTM/  
lstm\_cell\_29/kernel\_0

train



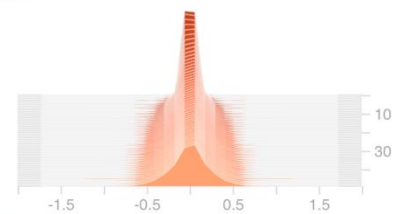
while/one\_step\_decoder\_12/decoder\_LSTM/  
lstm\_cell\_29/recurrent\_kernel\_0

train



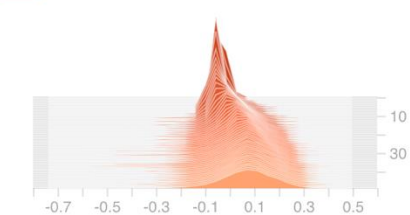
while/one\_step\_decoder\_12/decoder\_emb  
d\_layer/embeddings\_0

train



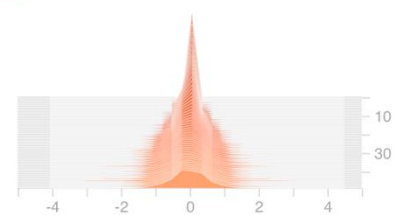
while/one\_step\_decoder\_12/dense\_36/bias\_0

train



while/one\_step\_decoder\_12/dense\_36/kernel\_0

train

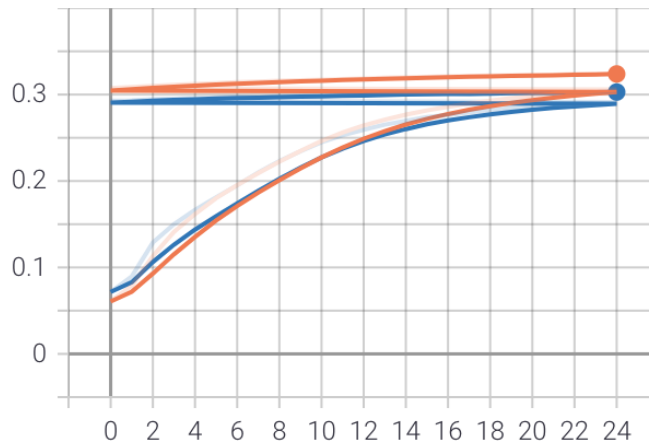


## Model3: General function

### Accuracy and loss plots

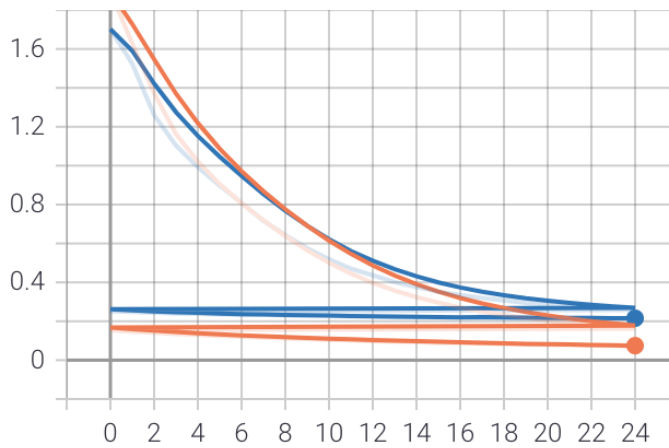
epoch\_accuracy

epoch\_accuracy



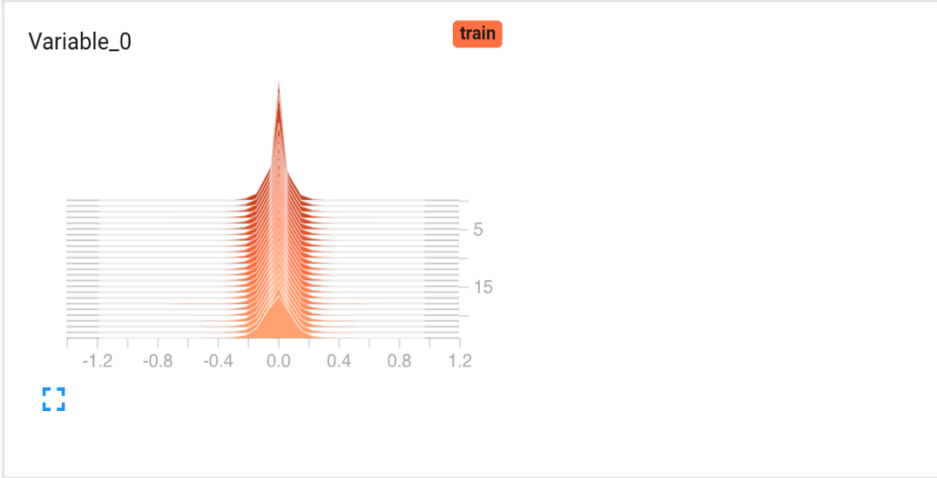
epoch\_loss

epoch\_loss



Histogram

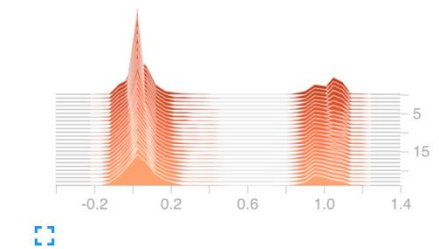
Variable\_0



encoder\_decoder\_2

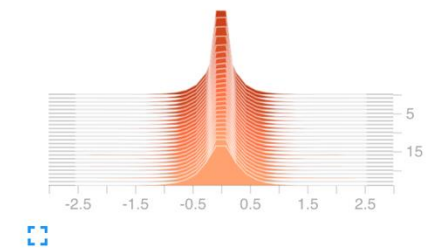
encoder\_decoder\_2/encoder\_4/encoder\_LSTM/  
lstm\_cell\_13/bias\_0

train



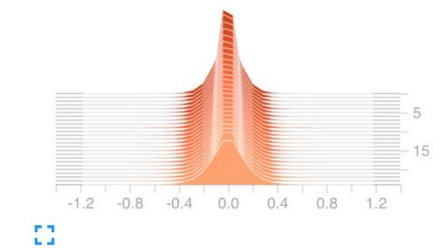
encoder\_decoder\_2/encoder\_4/encoder\_LSTM/  
lstm\_cell\_13/kernel\_0

train



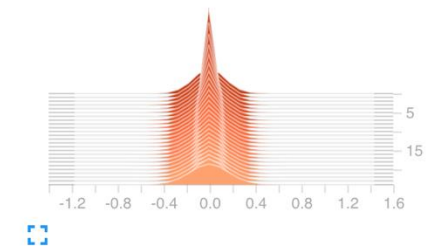
encoder\_decoder\_2/encoder\_4/encoder\_LSTM/  
lstm\_cell\_13/recurrent\_kernel\_0

train



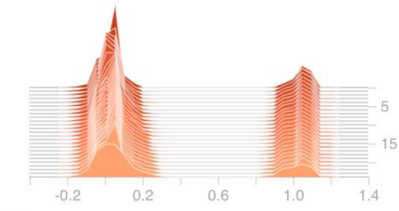
encoder\_decoder\_2/encoder\_4/encoder\_embe  
d\_layer/embeddings\_0

train



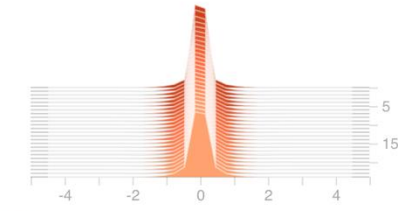
while/one\_step\_decoder\_8/decoder\_LSTM/ls  
tm\_cell\_14/bias\_0

train



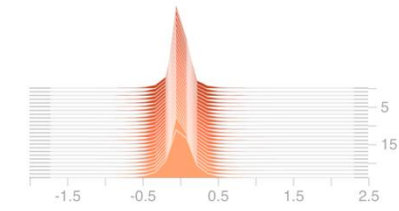
while/one\_step\_decoder\_8/decoder\_LSTM/ls  
tm\_cell\_14/kernel\_0

train



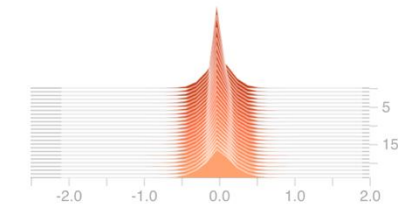
while/one\_step\_decoder\_8/decoder\_LSTM/ls  
tm\_cell\_14/recurrent\_kernel\_0

train



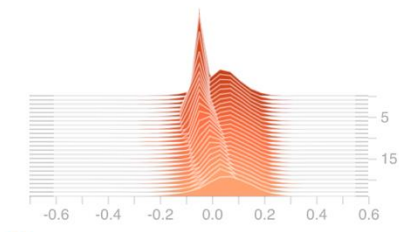
while/one\_step\_decoder\_8/decoder\_embed\_l  
ayer/embeddings\_0

train



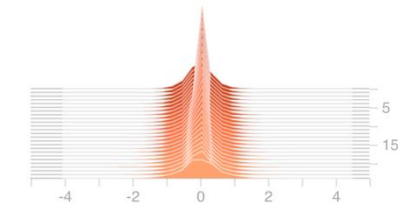
while/one\_step\_decoder\_8/dense\_19/bias\_0

train



while/one\_step\_decoder\_8/dense\_19/kernel\_  
0

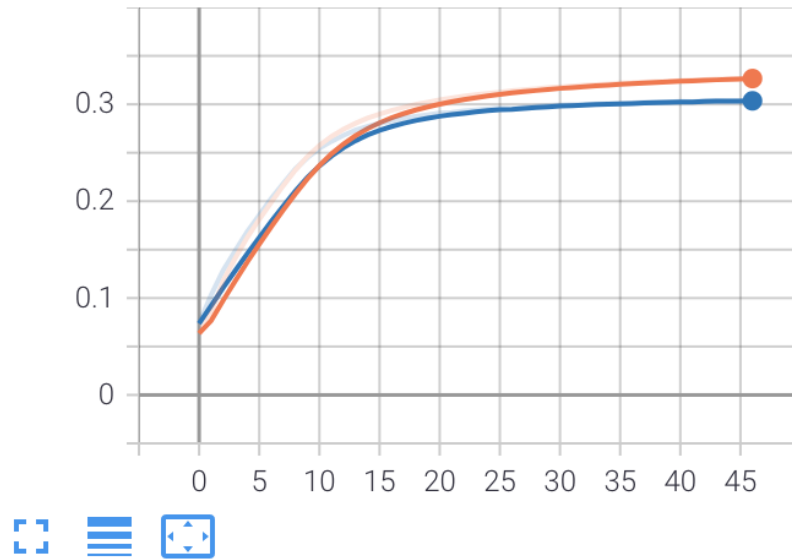
train



## Model4 (concat function)

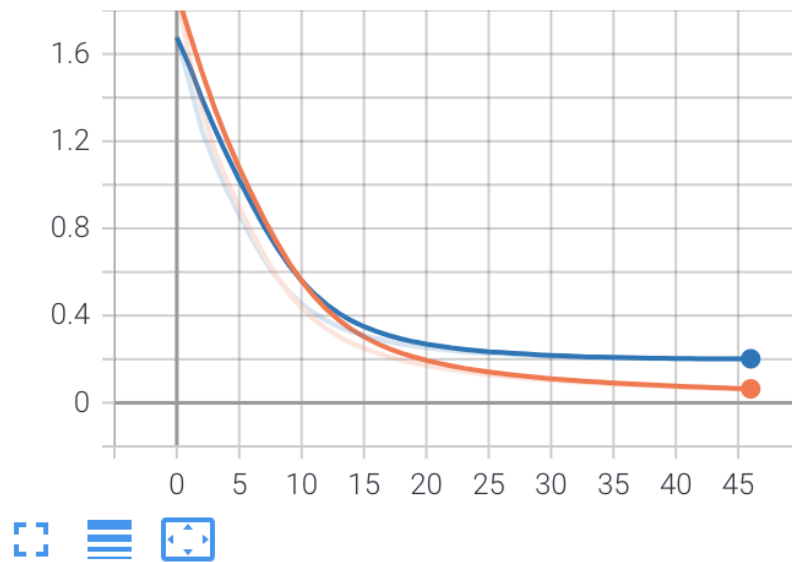
epoch\_accuracy

epoch\_accuracy



epoch\_loss

epoch\_loss





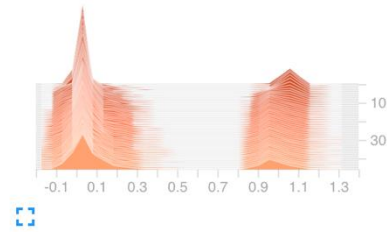
## Histogram

### Encoder

encoder\_decoder\_7

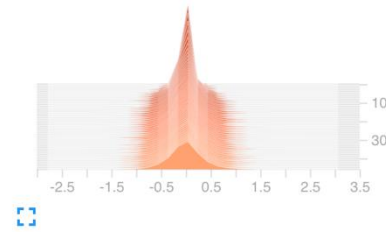
encoder\_decoder\_7/encoder\_10/encoder\_LSTM/lstm\_cell\_30/bias\_0

train



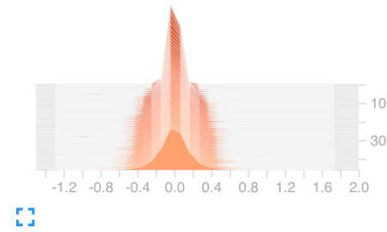
encoder\_decoder\_7/encoder\_10/encoder\_LSTM/lstm\_cell\_30/kernel\_0

train



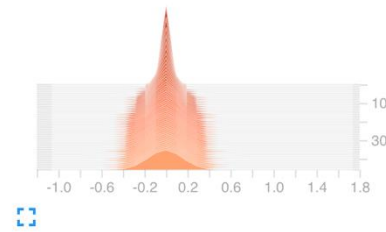
encoder\_decoder\_7/encoder\_10/encoder\_LSTM/lstm\_cell\_30/recurrent\_kernel\_0

train



encoder\_decoder\_7/encoder\_10/encoder\_embedding\_layer/embeddings\_0

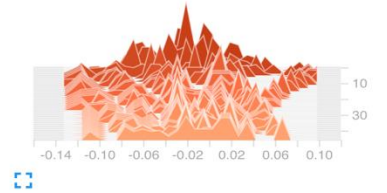
train



### Attention

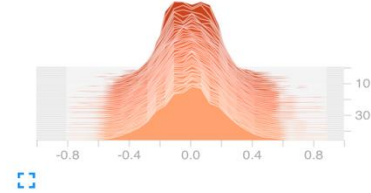
while/one\_step\_decoder\_13/attention\_19/dense\_38/bias\_0

train



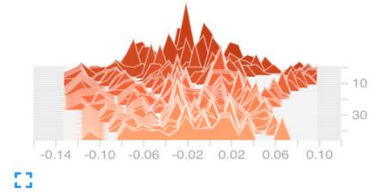
while/one\_step\_decoder\_13/attention\_19/dense\_38/kernel\_0

train



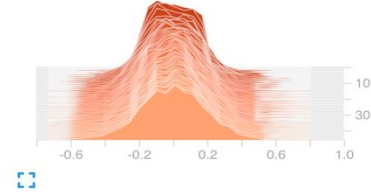
while/one\_step\_decoder\_13/attention\_19/dense\_39/bias\_0

train



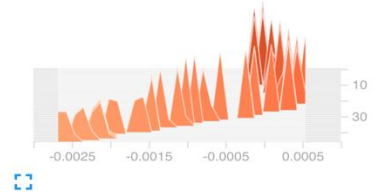
while/one\_step\_decoder\_13/attention\_19/dense\_39/kernel\_0

train



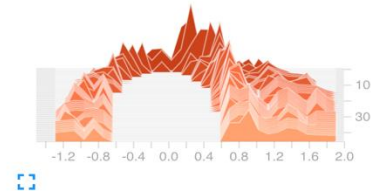
while/one\_step\_decoder\_13/attention\_19/dense\_40/bias\_0

train



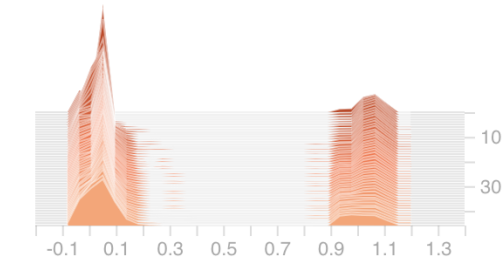
while/one\_step\_decoder\_13/attention\_19/dense\_40/kernel\_0

train



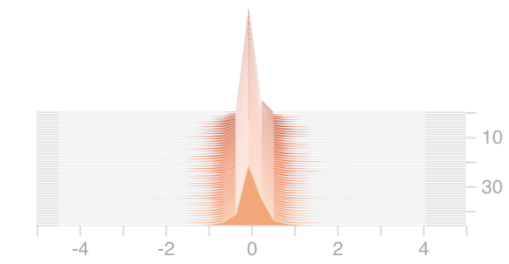
while/one\_\_step\_\_decoder\_13/decoder\_LSTM/lstm\_cell\_31/bias\_0

train



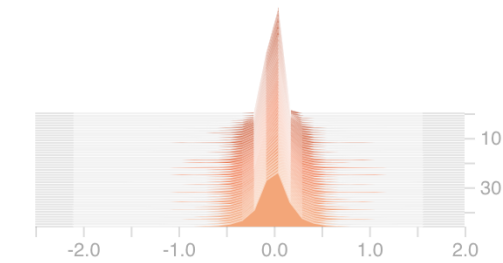
while/one\_\_step\_\_decoder\_13/decoder\_LSTM/lstm\_cell\_31/kernel\_0

train



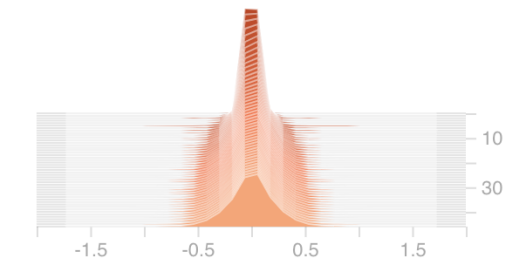
while/one\_\_step\_\_decoder\_13/decoder\_LSTM/lstm\_cell\_31/recurrent\_kernel\_0

train



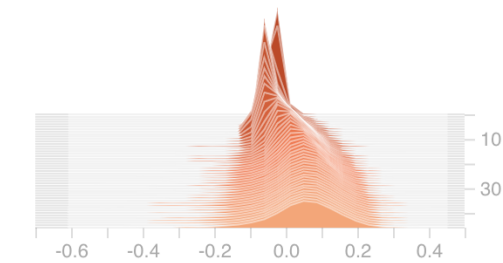
while/one\_\_step\_\_decoder\_13/decoder\_embed\_layer/embeddings\_0

train



while/one\_\_step\_\_decoder\_13/dense\_41/bias\_0

train



while/one\_\_step\_\_decoder\_13/dense\_41/kernel\_0

train

