

NumSnapshots $\sim K$

Eigenvalues $\sim \Lambda$

Unsqueeze

Permute

Cat

Conv1D
#Params: 66

ReLU

View

CNNP 1
Conv1D \rightarrow LayerNorm \rightarrow PReLU \rightarrow MaxPool \rightarrow Dropout
#Params: 485

CNNP 2
Conv1D \rightarrow LayerNorm \rightarrow PReLU \rightarrow MaxPool \rightarrow Dropout
#Params: 1.9K

Flatten

Cat

Linear
#Params: 342

Logits $\sim Z$

$(B,)$

$(B, 1, 9)$

$(B, 1, 1)$

$(B, 9, 1)$

$(B, 1, 9)$

$(B, 10, 1)$

$(B, 1, 6)$

$(B, 6, 1)$

$(B, 6)$

$(B, 22, 4)$

$(B, 25, 2)$

$(B, 50)$

$(B, 56)$

$(B, 6)$