SO WHAT HAPPENS BY DEFAULT?

## \_\_main\_\_

→ calls train.train\_with\_args.  
*note there is also train.train*

## train:

*if hyper (defrault == False)  
→ hyper*

io.read\_dataset

io.normalize (filter for 1 counts for each,  
 create size factors  
 log1p transform  
 normalize

definenet = AE\_types[args.type] (…)

losses = train^(adata…)

net.predict

net.write

# ressources

# I/O

read\_dataset:

reads, makes sure non-normalized count data

## loss:

defines ZINB and NB loss