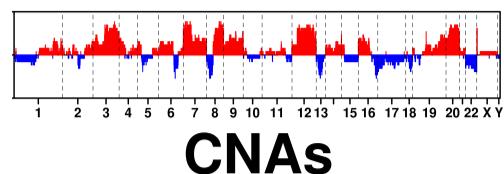
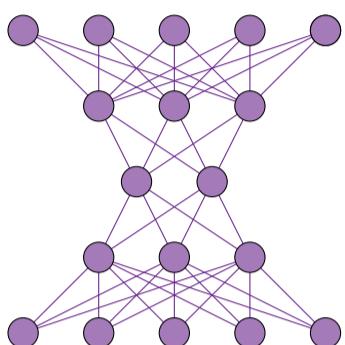


A. Feature reduction for an example using autoencoders

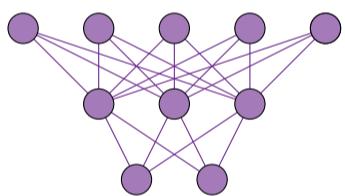
Aberration type 1



Train
autoencoder



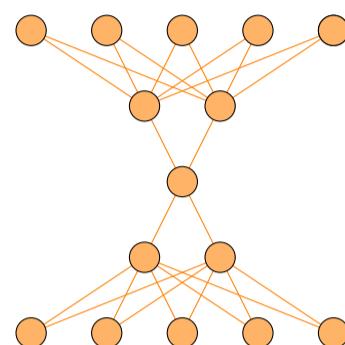
Extract
compressed
features



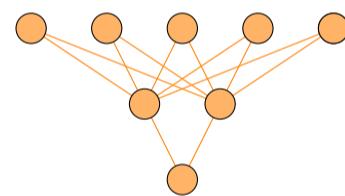
Aberration type 2



Train
autoencoder



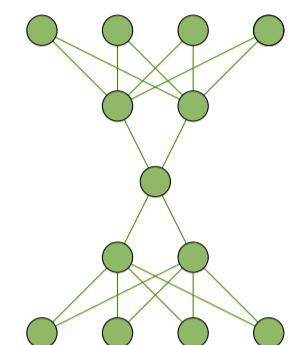
Extract
compressed
features



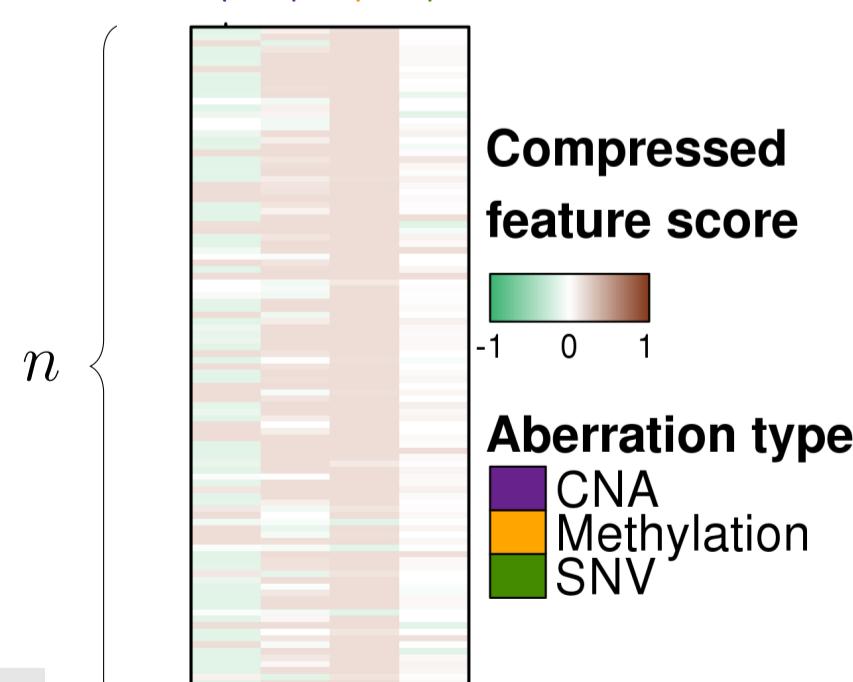
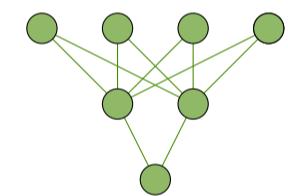
Aberration type 3



Train
autoencoder



Extract
compressed
features



$n = \#$ of patients being subtyped
 $k = \sum_{i=1}^d f_i$
 $f_i = \#$ of compressed features
 for aberration type i