13,3

We assume there are V_j units in each hidden layer from j = 1 to j = L and $V_0 = N$, $V_{L+1} = 1$, we consider a fully-connected feedforward neural network with L hidden layers.

The total number of trainable Parameters & inthis

NN can be calculated by:

2) if we rewrite it to

Q = NU, t(V, t) = C(+V;) V;+1)

This means the complexity of this model is

independent of the data size but depends on the architecture of IVIV