

Intro To Neural Networks

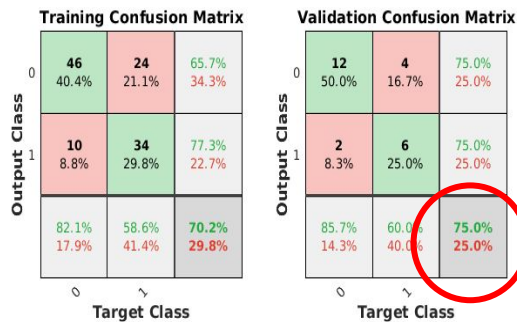
Gati Aher

Apr 6, 2021

Neurotech

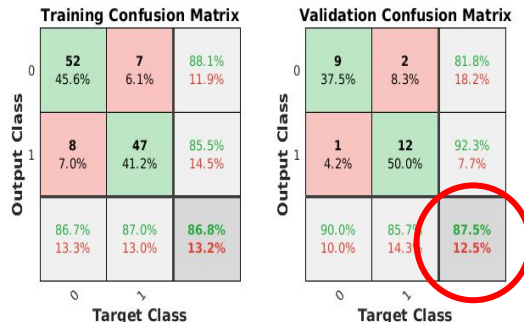
Confusion

n = 10



underfit

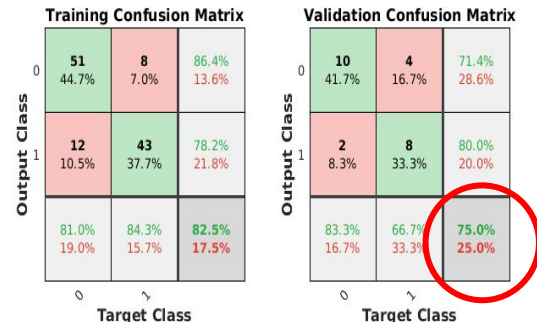
n = 50



fit

has highest train and validation performance

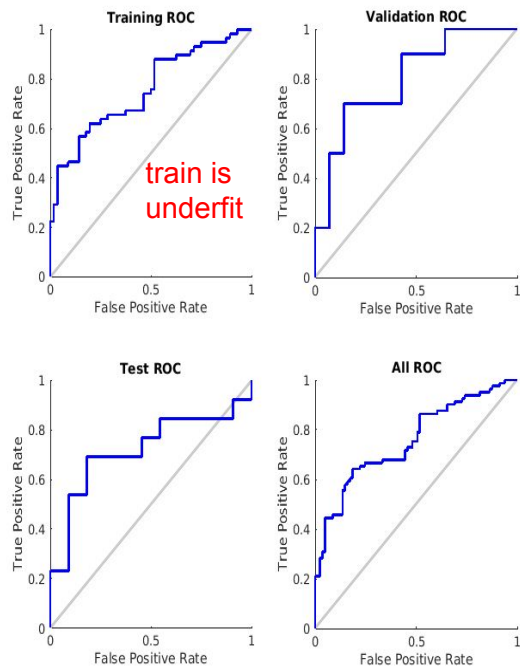
n = 100



overfit

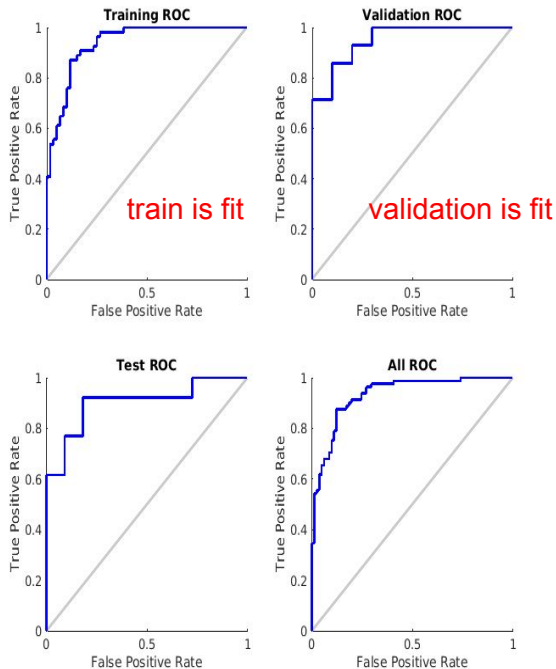
ROC

$n = 10$



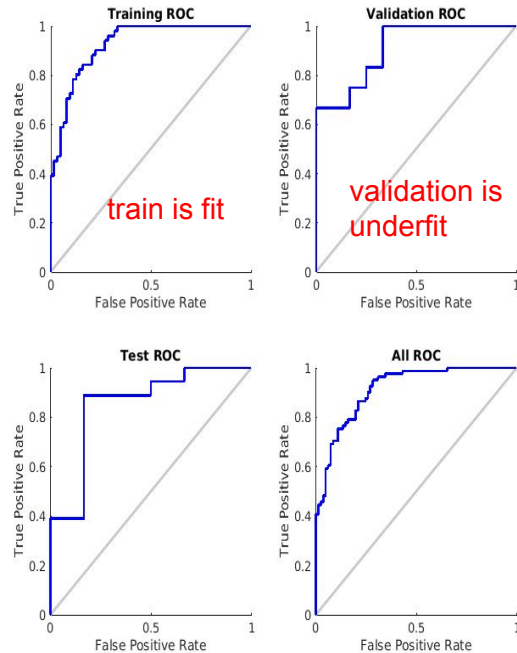
underfit

$n = 50$



fit

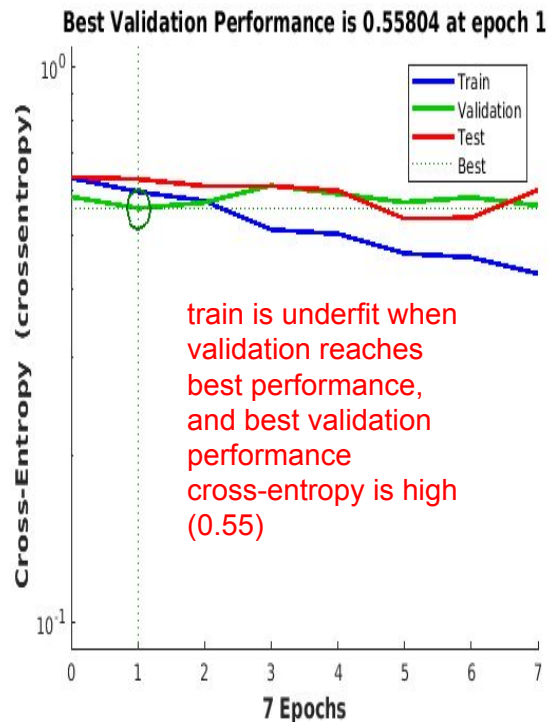
$n = 100$



overfit

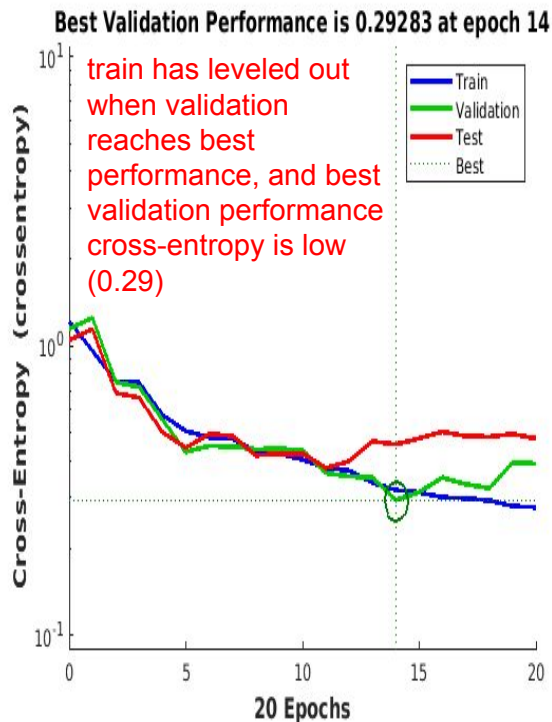
Performance

$n = 10$



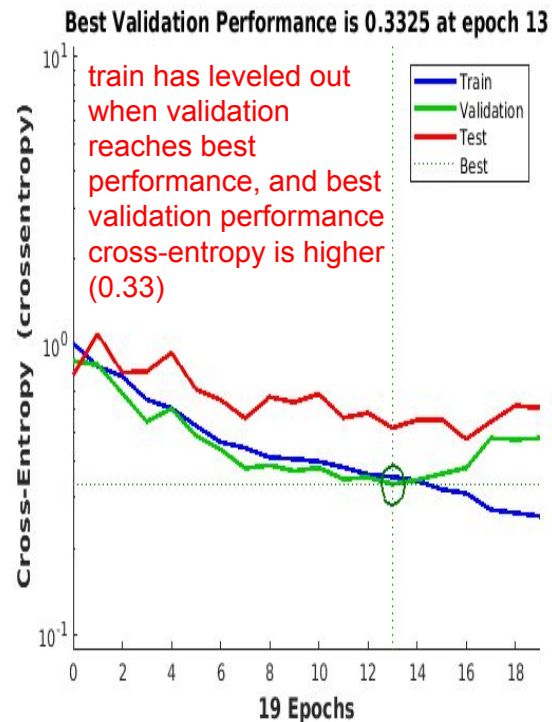
underfit

$n = 50$



fit

$n = 100$



overfit