

300

400

500

## FINAL RESULTS AND PARAMETERS

**EPOCHS** 

OPTIMIZER:

100

0.9

8.0

0.7

0.6

0.5

0

ACCURACY

Conjugate gradient descent

200

FINAL VALUES:

ACCURACY TRAINING = 0.935

ACCURACY TEST = 0.7355

## HYPERPARAMETERS:

Error goal = 0.0001

 $\sigma_2 = 0.250618554122$ 

 $\sigma_1 = 0.0001$ 

 $\rho = 0.870989790265$ 

Max epoch = 500

 $\beta = \text{mhs}$ 

TOPOLOGY:

17 -> 4 -> 8 -> 1

**ACTIVATIONS:** 

input -> sigmoid -> sigmoid -> sigmoid