Modello vecchio

con t = 0.15 V

TP = 4 | FN = 8

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 3 | TN = 85

Con t = 0.10

TP = 4 | FN = 8

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 7 | TN = 81

Se = 0.45454545454545453

Sp = 0.8285714285714286

Acc = 0.7777777777777778

Con t = 0.05 V

TP = 8 | FN = 4

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 17 | TN = 71

Con t = 0.25 e f=2

TP = 3 | FN = 9

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 4 | TN = 84

Con t=0.15 f=2

TP = 4 | FN = 8

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 11 | TN = 77

Con t=0.20 e f = 3

TP = 5 | FN = 7

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 11 | TN = 77

Best:

Il metodo vecchio con t = 0.15 V

TP = 4 | FN = 8

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 3 | TN = 85

Con t = 0.05 V

TP = 8 | FN = 4

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 17 | TN = 71

Modello nuovo campionamento a 0.1ms 9 neuroni,

f = 10, t=0.15

TP = 7 | FN = 4

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 27 | TN = 43

Se = 0.6363636363636364

Sp = 0.6142857142857143

Acc = 0.6172839506172839

Con f =10, t 0.20

TP = 7 | FN = 4

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 27 | TN = 43

Se = 0.6363636363636364

Sp = 0.6142857142857143

Acc = 0.6172839506172839

Con f=10, t=0.25

TP = 7 | FN = 4

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 25 | TN = 45

Se = 0.6363636363636364

Sp = 0.6142857142857143

Acc = 0.6172839506172839

Con f=10, t=0.3

TP = 6 | FN = 5

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 23 | TN = 47

Se = 0.6363636363636364

Sp = 0.6428571428571429

Acc = 0.6419753086419753

Con f=10 t = 0.35

TP = 6 | FN = 5

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 18 | TN = 52

Se = 0.5454545454545454

Sp = 0.6714285714285714

Acc = 0.654320987654321

Con f=10, t=0.4

TP = 5 | FN = 6

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 15 | TN = 55

Se = 0.5454545454545454

Sp = 0.7428571428571429

Acc = 0.7160493827160493

Con f =10, t = 0.45

TP = 5 | FN = 6

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 9 | TN = 61

Se = 0.45454545454545453

Sp = 0.8857142857142857

Acc = 0.8271604938271605

Con f=10 t = 0.5

TP = 4 | FN = 7

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 8 | TN = 62

Con f=20 t=0.6

TP = 2 | FN = 9

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 9 | TN = 61

Con f=30 t = 0.7

TP = 5 | FN = 6

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 8 | TN = 62

Con f =5, t =0.3

TP = 5 | FN = 6

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 12 | TN = 58

Best:

Con f =10, t = 0.45

TP = 5 | FN = 6

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 9 | TN = 61

Se = 0.45454545454545453

Sp = 0.8857142857142857

Acc = 0.8271604938271605

Modello nuovo campionamento a 0.1ms 16 neuroni,

con f=1 t=0.1

TP = 9 | FN = 7

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 21 | TN = 219

Se = 0.5625

Sp = 0.9125

Acc = 0.890625

Con f=5 t=0.2

TP = 0 | FN = 16

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 2 | TN = 238

Se = 0.0

Sp = 0.9916666666666667

Acc = 0.9296875

Con f=10 t=0.1

TP = 7 | FN = 9

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 6 | TN = 234

Se = 0.4375

Sp = 0.975

Acc = 0.94140625

Con f=10, t=0.12

TP = 4 | FN = 12

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 4 | TN = 236

Se = 0.25

Sp = 0.9833333333333333

Acc = 0.9375

F=30 t =0.2

TP = 1 | FN = 15

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 0 | TN = 240

Se = 0.0625

Sp = 1.0

Acc = 0.94140625

F=30 T=0.15

TP = 2 | FN = 14

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 5 | TN = 235

Se = 0.0625

Sp = 1.0

Acc = 0.94140625

F=30 T=0.1

TP = 9 | FN = 7

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 23 | TN = 217

Se = 0.5625

Sp = 0.9041666666666667

Acc = 0.8828125

Best

F=30 T=0.1

TP = 9 | FN = 7

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 23 | TN = 217

Se = 0.5625

Sp = 0.9041666666666667

Acc = 0.8828125

Con f=10 t=0.1

TP = 7 | FN = 9

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 6 | TN = 234

Se = 0.4375

Sp = 0.975

Acc = 0.94140625

METODO NUOVO

Modello nuovo 9 neuroni

TP = 9 | FN = 2

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 2 | TN = 68

Se = 0.8181818181818182

Sp = 0.9714285714285714

Acc = 0.9506172839506173

Modello vecchio 10 neuroni

TP = 10 | FN = 1

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 0 | TN = 70

Se = 0.9090909090909091

Sp = 1.0

Acc = 0.9876543209876543

Modello nuovo 16 neuroni

TP = 15 | FN = 1

\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_

FP = 5 | TN = 235

Se = 0.9375

Sp = 0.9791666666666666

Acc = 0.9765625