

Informations

Layers: 3x(conv,relu,pool)

Base: gray levels - size of train base: 381949 - size of test base: 4661

seuil: 26.7

filter: 0.0

name: "Detailed_run_Gray"

test_iter: 100

test_interval: 10

base_lr: 0.01

momentum: 0.95

weight_decay: 0.000

lr_policy: "inv"

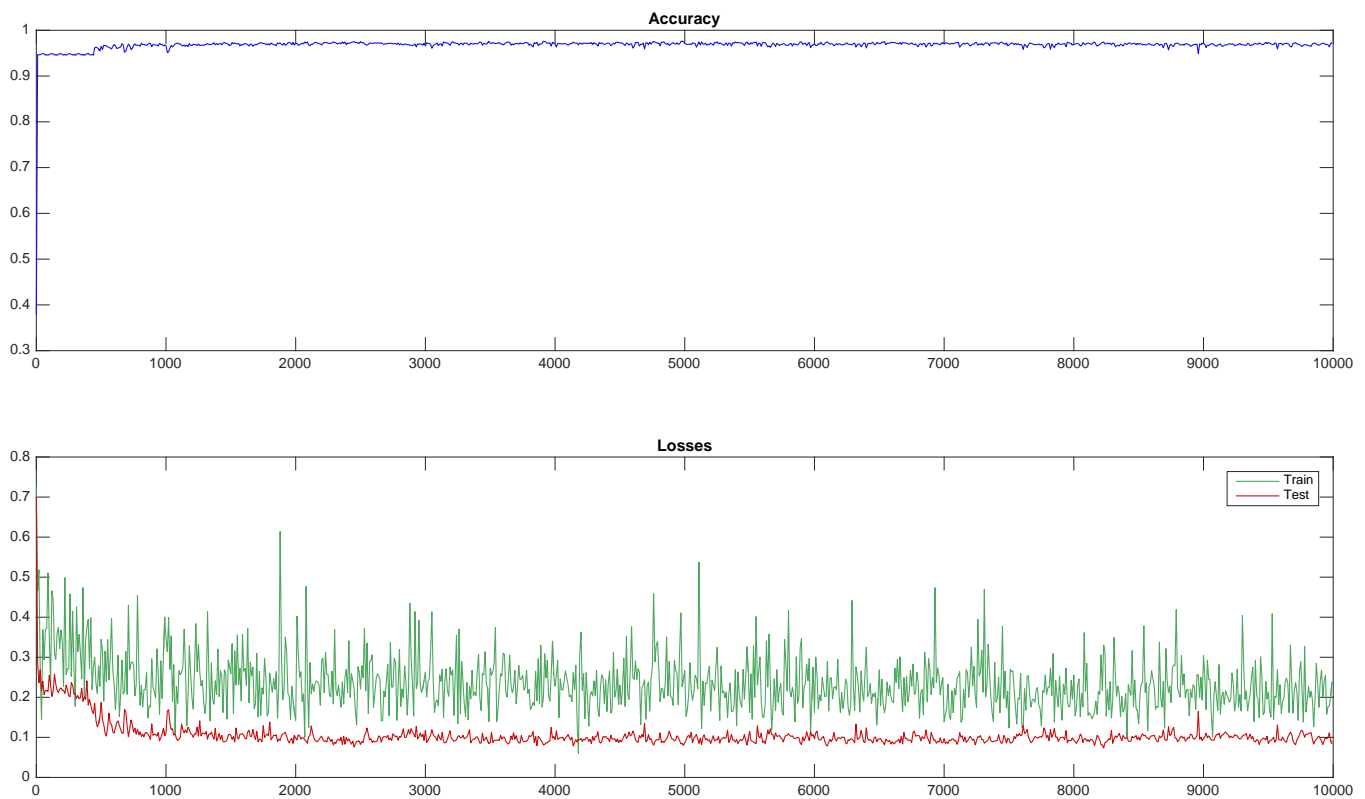
gamma: 0.0001

power: 0.75

display: 10

max_iter: 10000

Training



Results on the test base

Accuracies

Iterations	10	20	50	100	200	500	1000	2000	5000	10000
Accuracy	0.947	0.947	0.947	0.947	0.947	0.947	0.965	0.971	0.972	0.970

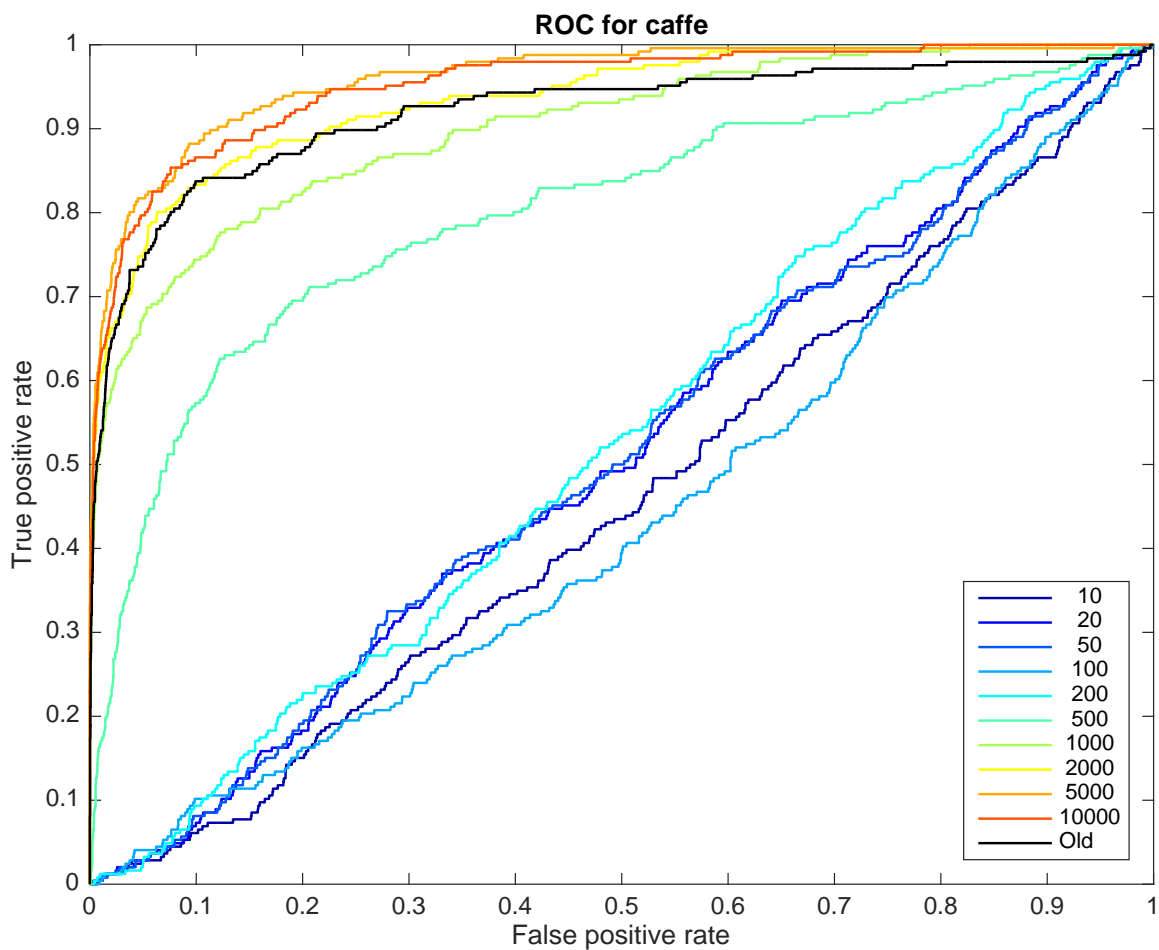
Confusion matrices

Iterations	10	20	50	100	200	500	1000	2000	5000	10000
True positive	0	0	0	0	0	0	127	147	159	155
False positive	0	0	0	0	0	0	45	38	45	48
False negative	246	246	246	246	246	246	119	99	87	91
True negative	4415	4415	4415	4415	4415	4415	4370	4377	4370	4367

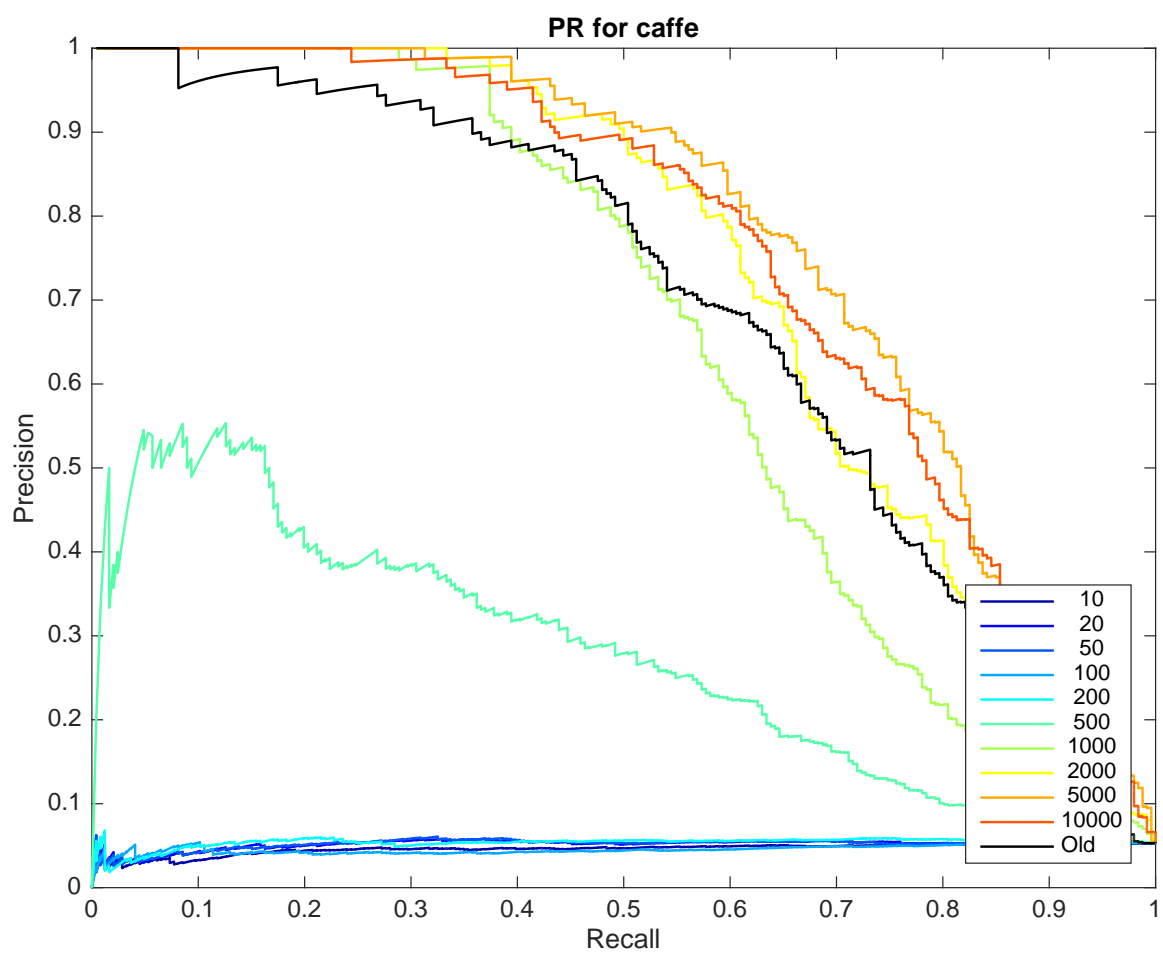
AUC

Iterations	10	20	50	100	200	500	1000	2000	5000	10000
AUC	0.459	0.508	0.509	0.441	0.527	0.801	0.902	0.936	0.960	0.952

ROC:



PR:



Faux positifs, faux négatifs

16 faux positifs



16 faux négatifs

