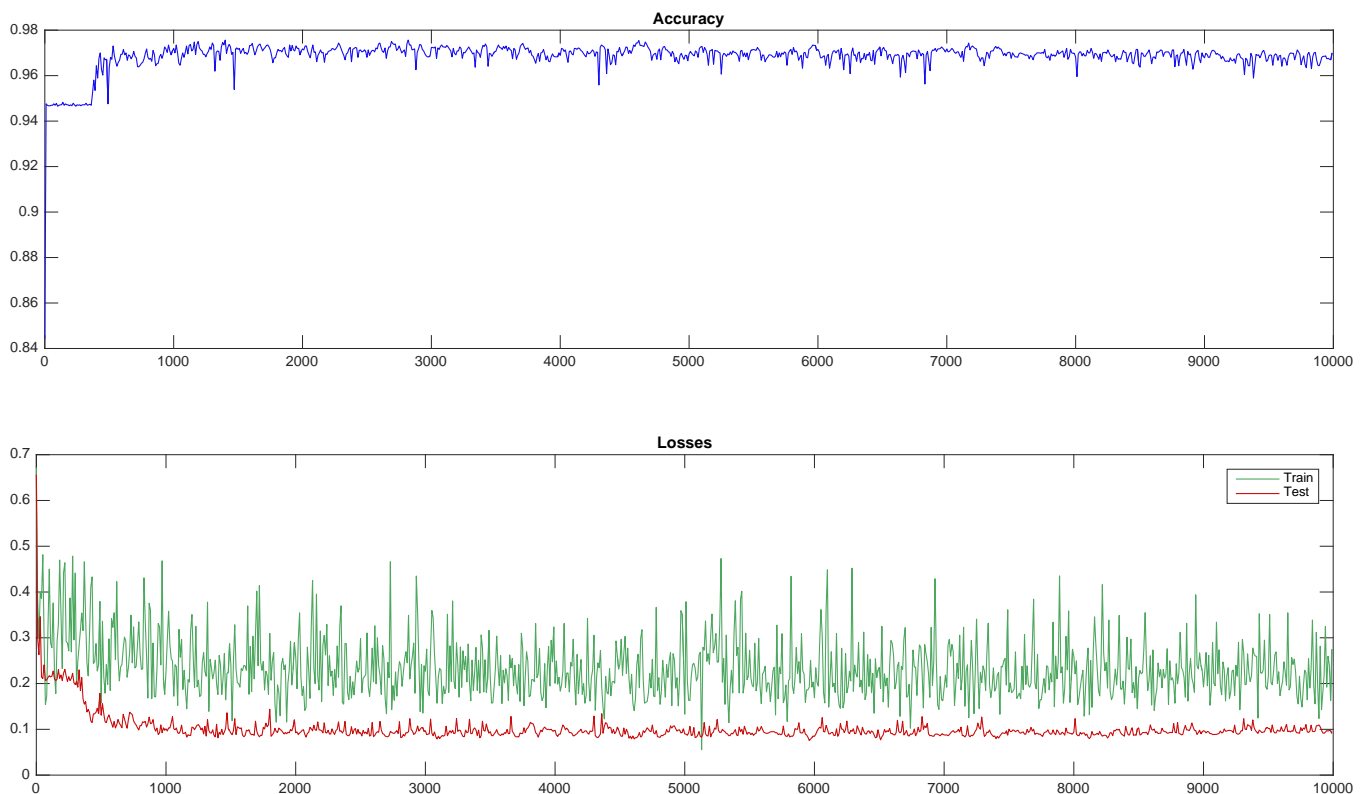## Informations

Layers: 3x(conv,relu,pool)
Base: RGB - size of train base: 381949 - size of test base: 4661
seuil: 26.7
filter: 0.0

```
name: "Detailed_run_Color"
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

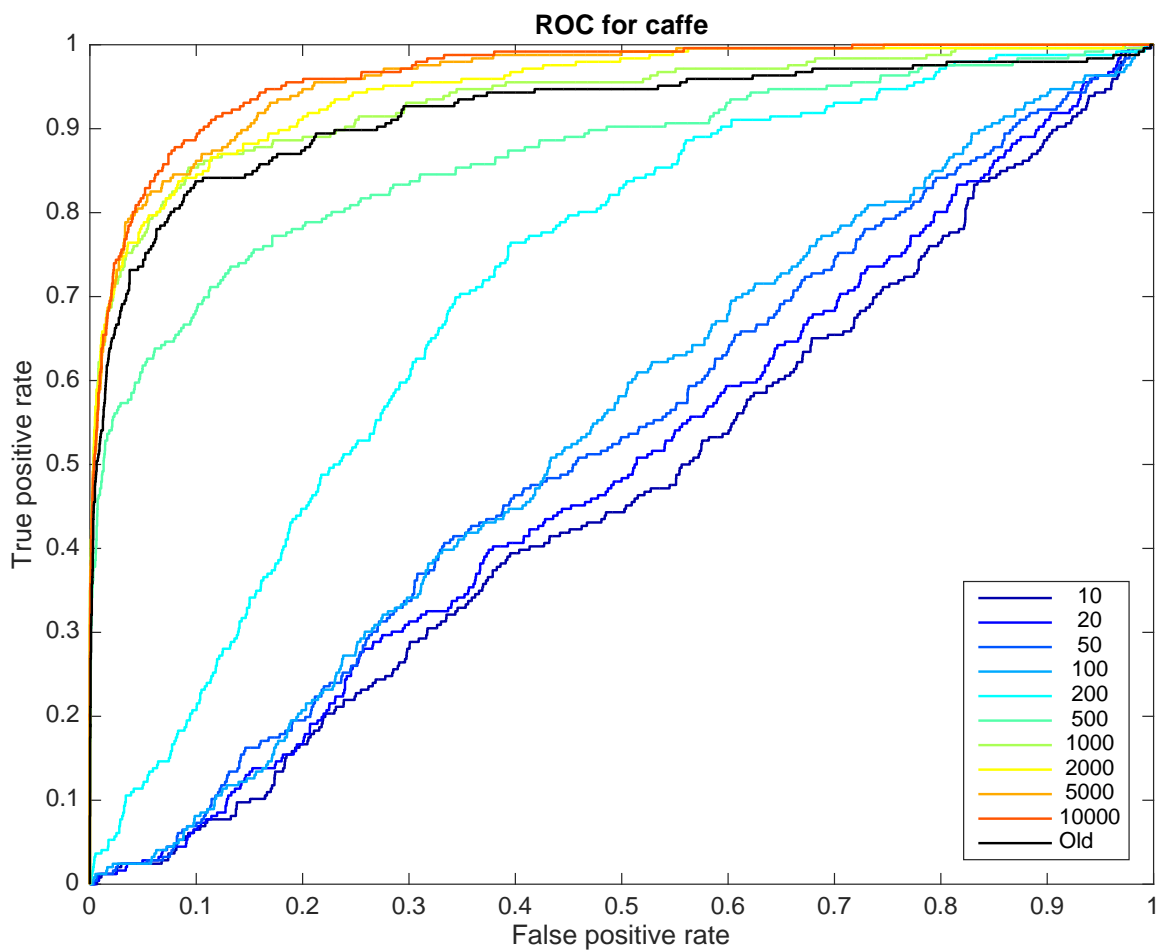| Iterations	10	20	50	100	200	500	1000	2000	5000	10000
Accuracy	0.947	0.947	0.947	0.947	0.947	0.958	0.972	0.972	0.970	0.970

Confusion matrices

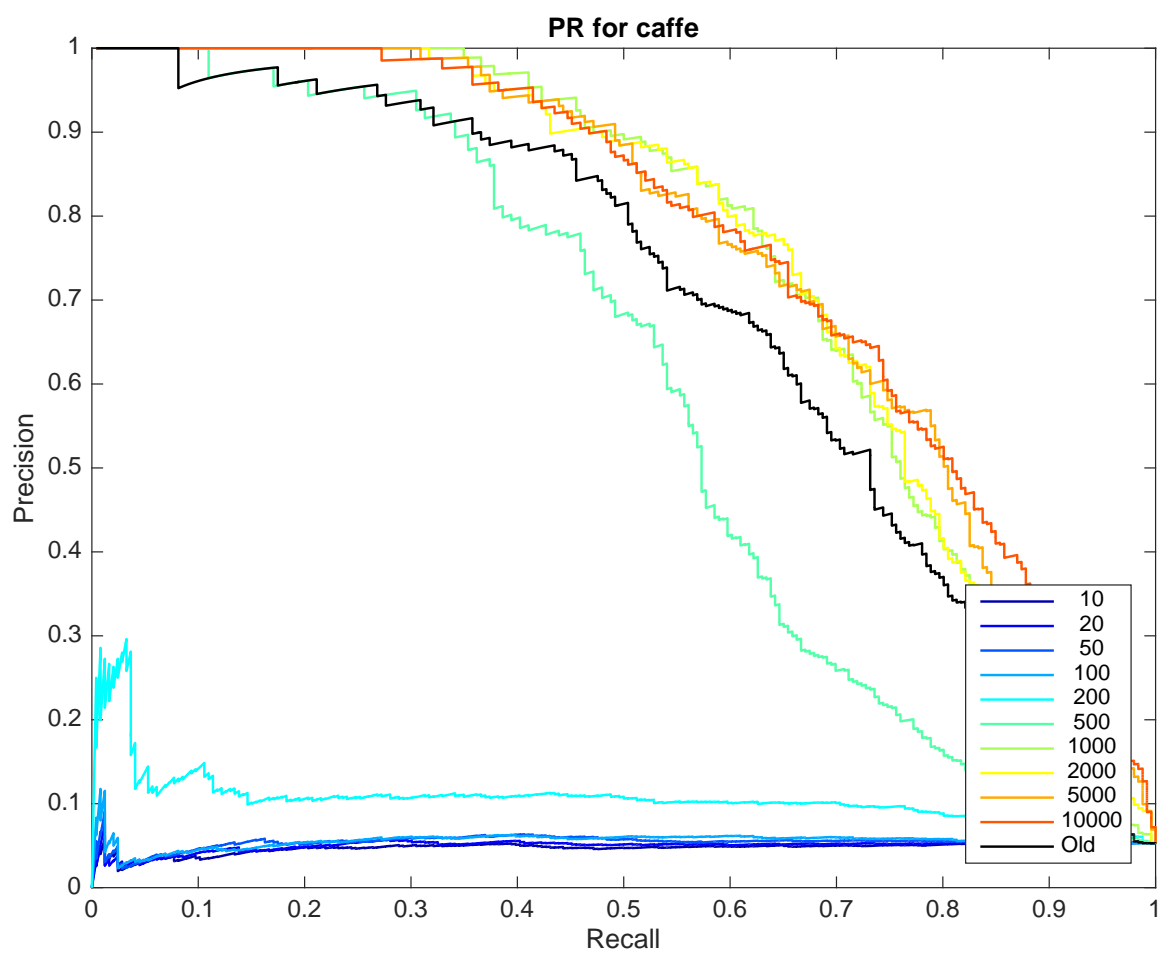| Iterations	10	20	50	100	200	500	1000	2000	5000	10000
True positive	0	0	0	0	0	50	140	133	153	141
False positive	0	0	0	0	0	2	24	18	49	35
False negative	246	246	246	246	246	196	106	113	93	105
True negative	4415	4415	4415	4415	4415	4413	4391	4397	4366	4380

AUC

Iterations	10	20	50	100	200	500	1000	2000	5000	10000
AUC	0.469	0.494	0.525	0.540	0.715	0.867	0.935	0.948	0.959	0.964

ROC:

PR:

PR for caffe

Precision

Recall

	10
	20
	50
	100
	200
	500
	1000
	2000
	5000
	10000
	Old

16 faux positifs

16 faux négatifs