

COMPARAISON [RUNS 9, 10, 11, 12, 13]

[December 7, 2015]

Informations

Layers: 3x(conv,relu,pool)

Base: niveaux de gris

Seuil: 26.7

Demi-marges: 0, 5, 10, 15, 20, 25

```
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
```

Analyse des bases

Base sans demi-marge

Total: 381949 - Label 1: 19086 - Label 0: 362863 - Accuracy (10k it.): 0.9722

Base avec demi-marge de 5

Total: 368956 - Label 1: 14565 - Label 0: 354391 - Accuracy (10k it.): 0.9713

Base avec demi-marge de 10

Total: 347032 - Label 1: 11551 - Label 0: 335481 - Accuracy (10k it.): 0.9711

Base avec demi-marge de 15

Total: 286729 - Label 1: 9470 - Label 0: 277259 - Accuracy (10k it.): 0.9680

Base avec demi-marge de 20

Total: 107152 - Label 1: 7851 - Label 0: 99301 - Accuracy (10k it.): 0.8759

Base avec demi-marge de 25

Total: 6630 - Label 1: 6587 - Label 0: 43 - Accuracy (10k it.): 0.0878

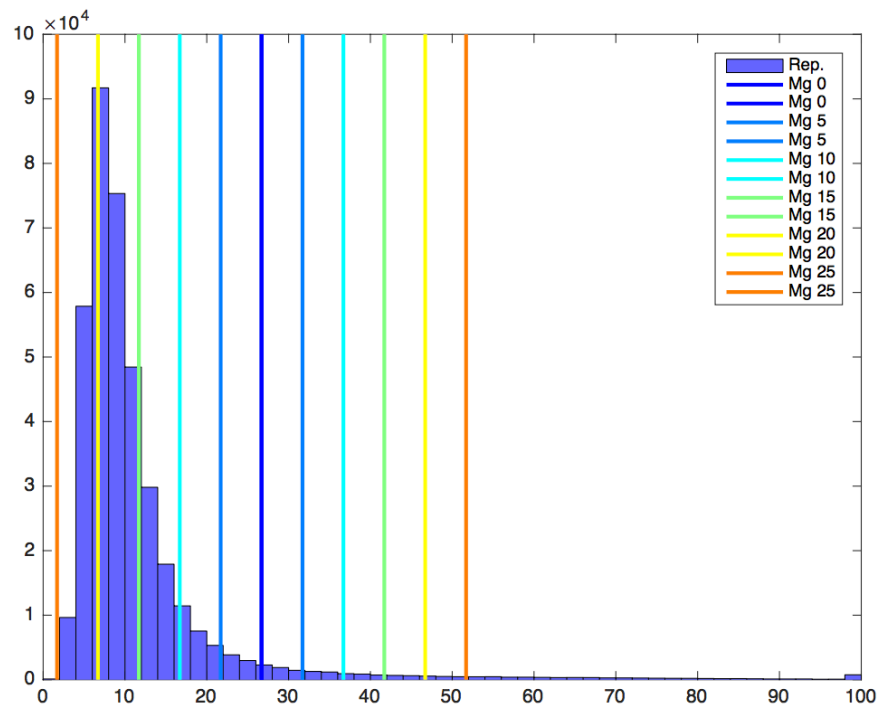


Figure 1: Positionnement des demi-marges

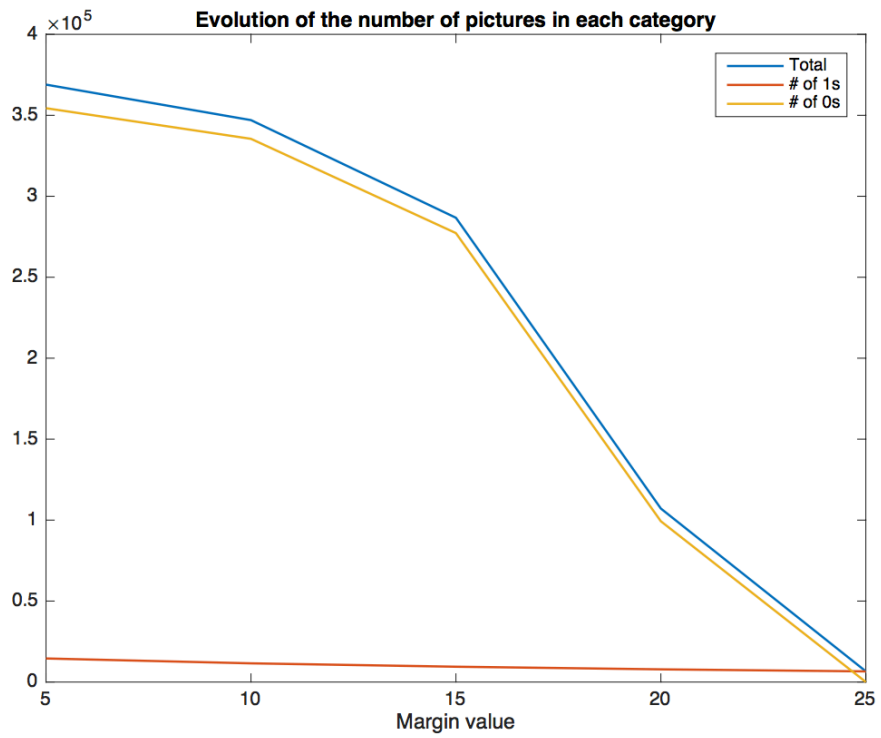
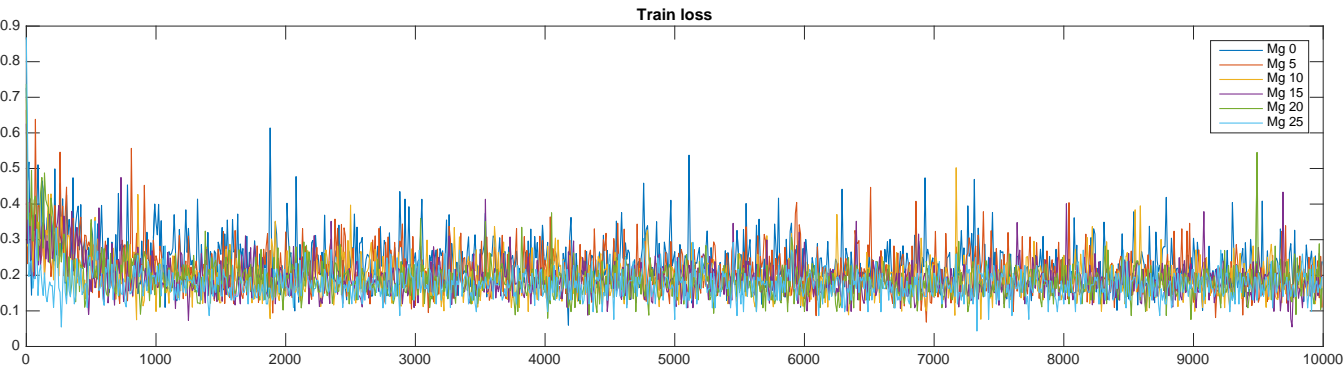
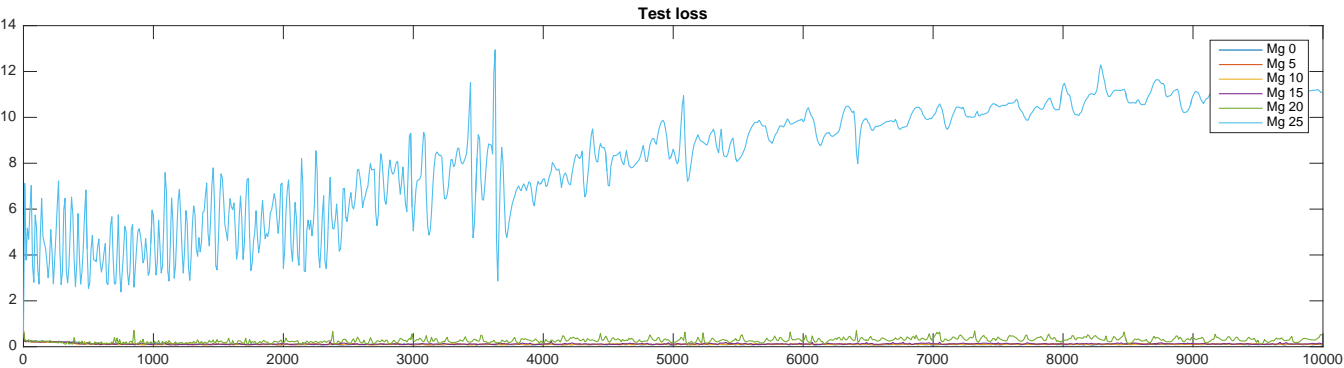
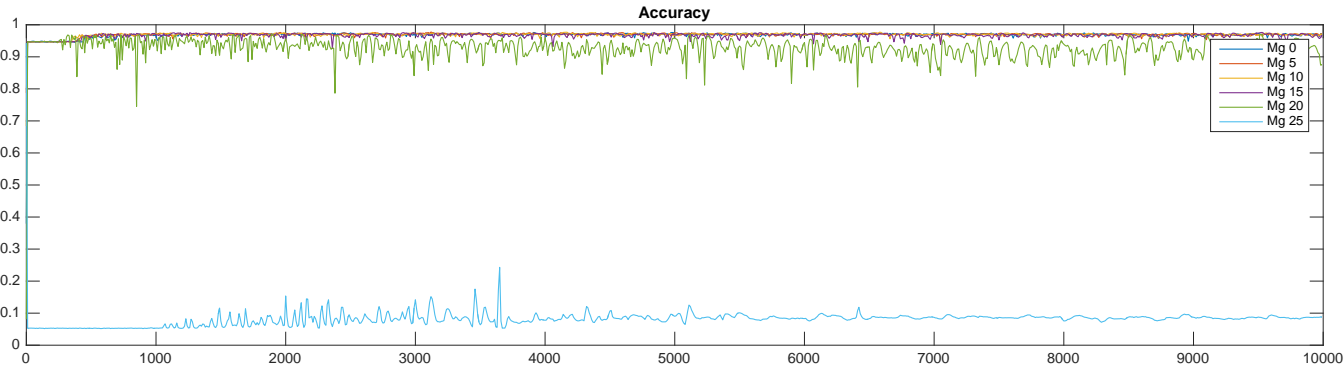


Figure 2: Evolution du nombres d'elements dans chaque categorie

Training



Training pour demi-marges 0, 5 et 10, entre les iterations 50 et 5000

