Dataset: 12_flags.csv

Num classes: 5

Prop classes: 0.22 0.34 0.2 0.15 0.08

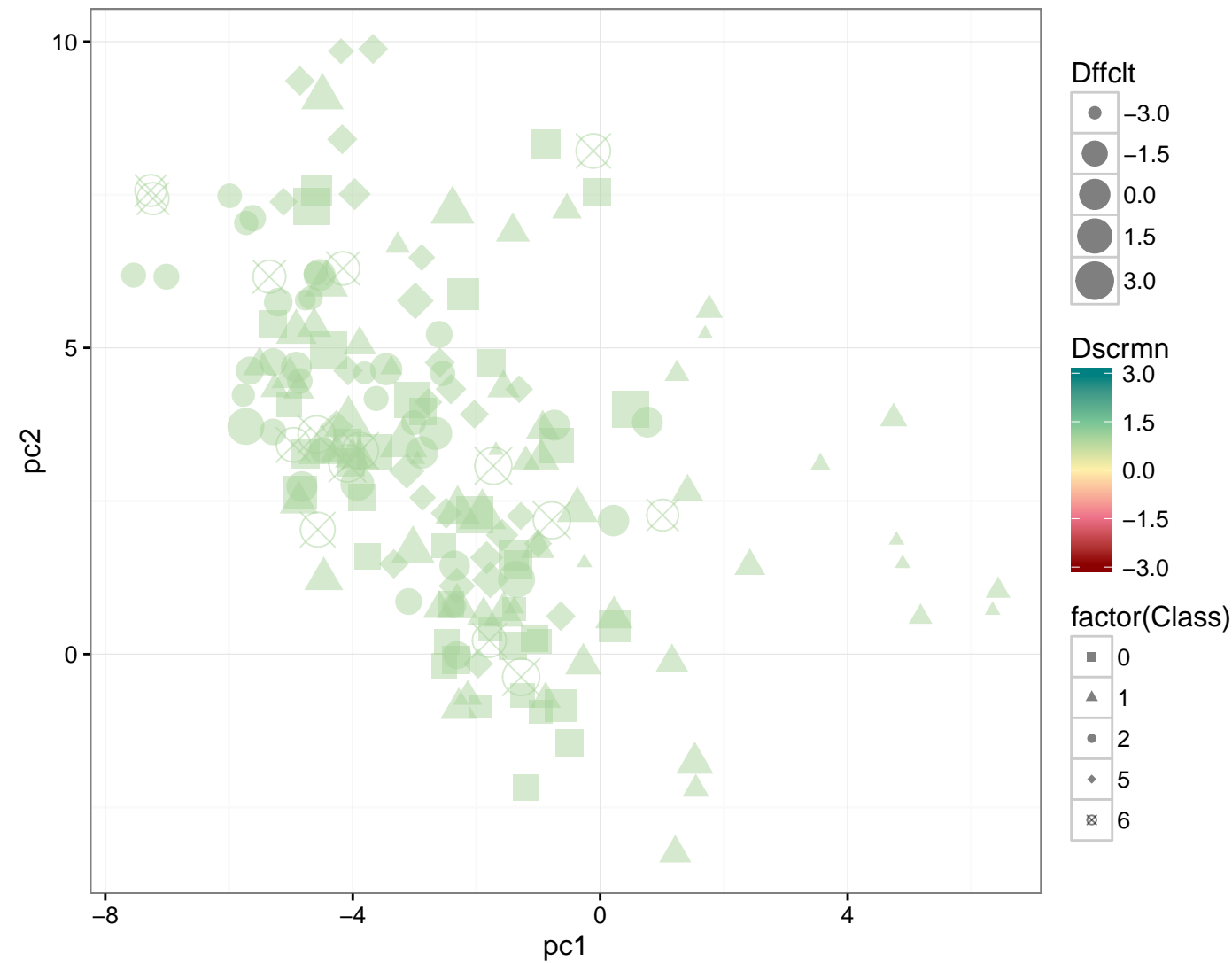AvgProb(Rnd_A): 0.236 – (Rnd_B): 0.317 – (Rnd_C): 0.258

MedianProb(Rnd_A): 0.186 – (Rnd_B): 0.285 – (Rnd_C): 0.211
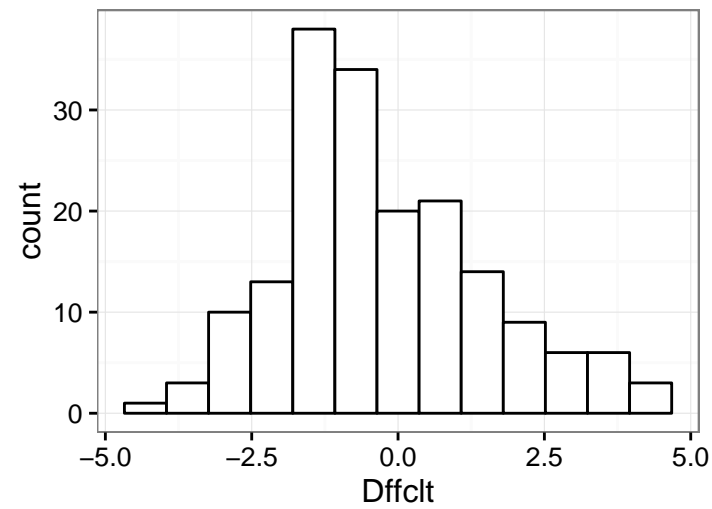
Expected accuracy (Rnd Classifier): 0.2329

Opt (Abil): 4.878 – Opt (AvgProb): 0.973
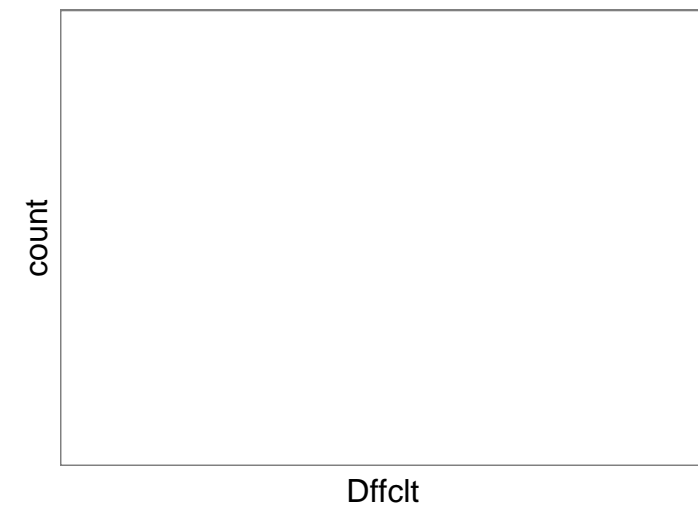
Pess (Abil): −4.893 – Pess (AvgProb): 0.027

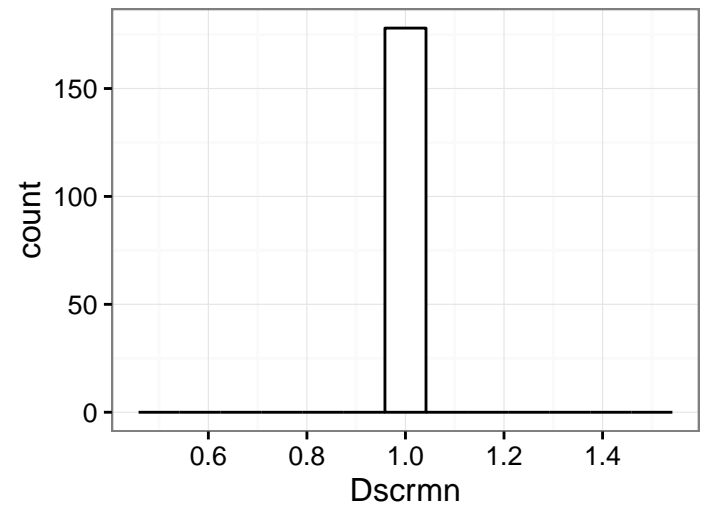## Items by Dscrmn (colour) & Dffclt (size) – (0.22 0.34 0.2 0.15 0.08)

Dffclt
- −3.0
- −1.5
- 0.0
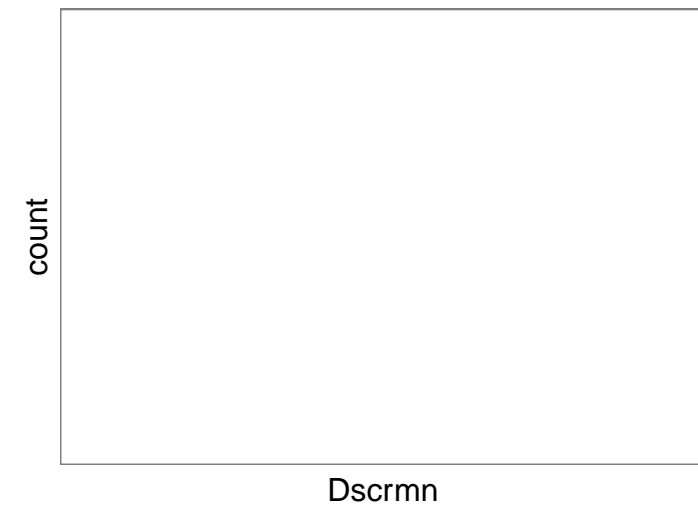- 1.5
- 3.0

Dscrmn
- 3.0
- 1.5
- 0
- −1.5
- −3.0

factor(Class)
- 0
- 1
- 2
- 5
- 6

pc1 / pc2

Hist. Difficulty (All instances)
count / Dffclt

Hist. Difficulty (Noisy instances)
count / Dffclt

Hist. Discriminant (All instances)
count / Dscrmn

Hist. Discriminant (Noisy instances)
count / Dscrmn

Ability vs Accuracy
Accuracy / Ability

OptimalClass
MajorityClass
RandomClass_B
RandomClass_C
RandomClass_A
MinorityClass
PessimalClass
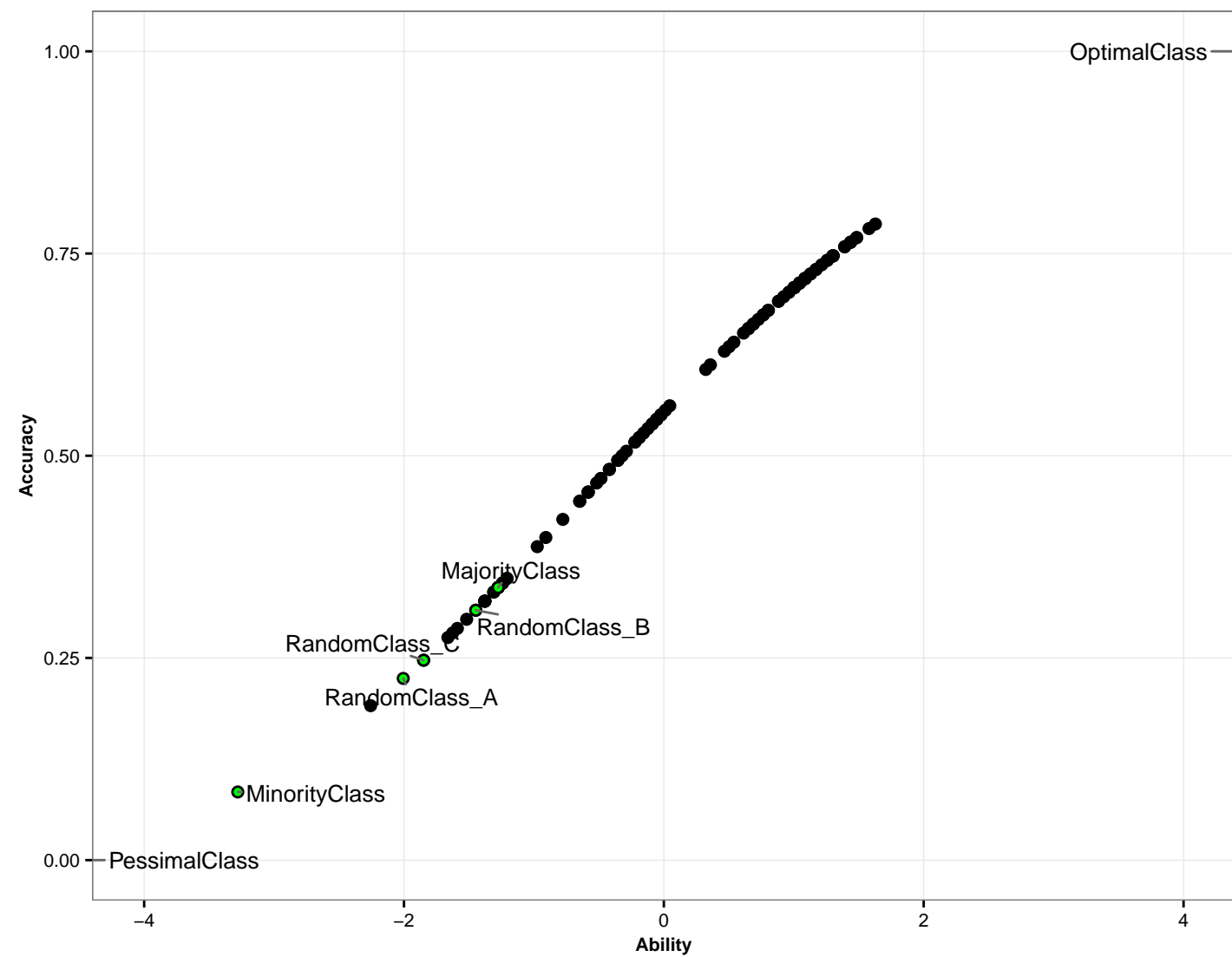
Avg. Prob Success vs Accuracy
Accuracy / Average Probability of Success

OptimalClass
MajorityClass
RandomClass_B
RandomClass_C
RandomClass_A
MinorityClass
PessimalClass
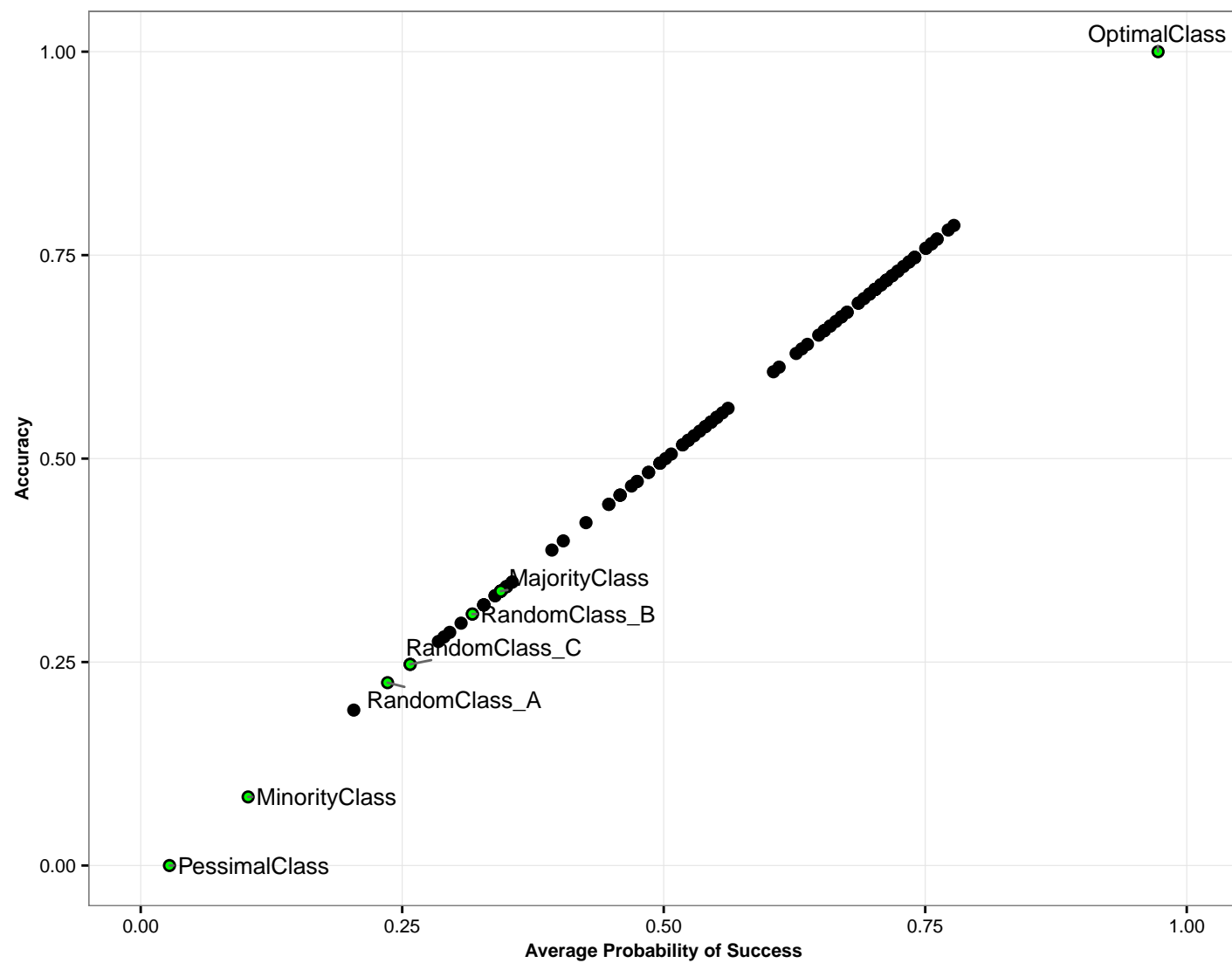
Histogram abilities (classifiers)
count / Ability
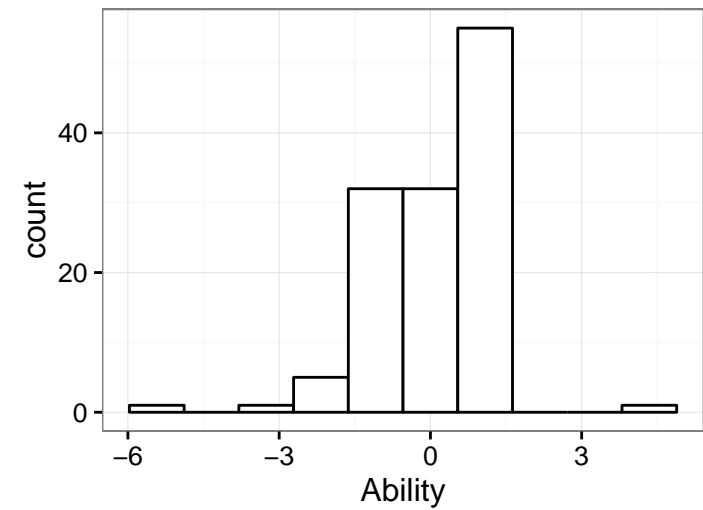
Histogram Accuracies (classifiers)
count / Acc