Dataset: 03\_heart-statlog.csv\_clean.csv Num classes: 2 Prop classes: 0.57 0.43 AvgProb(Rnd\_A): 0.498 - (Rnd\_B): 0.502 - (Rnd\_C): 0.508 MedianProb(Rnd\_A): 0.476 - (Rnd\_B): 0.487 - (Rnd\_C): 0.493 Expected accuracy (Rnd Classifier): 0.5098 Opt (Abil): 1.954 - Opt (AvgProb): 0.968 Pess (Abil): -4.566 - Pess (AvgProb): 0.248 Hist. Difficulty (All instances) Hist. Difficulty (Noisy instances) Items by Dscrmn (colour) & Dffclt (size) - (0.57 0.43) Dffclt **●** −3.0 count -1.5 0.0 3.0 10 20 Dscrmn Dffclt Dffclt Hist. Discriminant (All instances) Hist. Discriminant (Noisy instances) 0.0 -1.5 count count factor(Class) ■ 0 <del>-</del>20 pc1 Dscrmn Dscrmn Avg. Prob Success vs Accuracy OptimalClass 1.00 MajorityClass Accuracy 0.500 RandomClass\_C kandomClass\_C RandomClass\_B RandomClass\_B MinorityClass MinorityClass 0.25 0.00 PessimalClass 0.25 0.00 0.50 0.75 1.00 **Average Probability of Success Ability** Histogram Accuracies (classifiers) Histogram abilities (classifiers) 60 20 -2.5 0.75 1.00 0.00 0.25 0.50

240

Ability vs Accuracy

RandomClass\_A

1.00

Accuracy .05.0

0.25

30

count

10

0.00 PessimalClass

-2.5

0.0

Acc

Ability