Dataset: 01_chocardiogram.csv_clean.csv Num classes: 2 Prop classes: 0.77 0.23 AvgProb(Rnd_A): 0.798 - (Rnd_B): 0.641 - (Rnd_C): 0.6 MedianProb(Rnd_A): 1 - (Rnd_B): 0.682 - (Rnd_C): 0.567 Expected accuracy (Rnd Classifier): 0.6458 Opt (Abil): 0.049 - Opt (AvgProb): 0.986 Pess (Abil): -1.987 - Pess (AvgProb): 0.055 Items by Dscrmn (colour) & Dffclt (size) – (0.77 0.23) Hist. Difficulty (All instances) Hist. Difficulty (Noisy instances) 1.00 -0.75 Dffclt -3.0 conut conut -1.5 0.0 0.25 10 -3.0 0.0 -1.5 -2.0 -1.0-0.5 -2.50 -2.25 -2.00 -1.75 Dscrmn -2.75Dffclt Dffclt Hist. Discriminant (All instances) Hist. Discriminant (Noisy instances) 1.5 0.0 -1.5 40 -0.75 -3.0 conut conut factor(Class) ■ 0 20 **▲** 1 0.25 10 --2.5 0.0 2.5 400 100 200 -1.50 -1.00 300 -1.25 -1.75 pc1 Dscrmn Dscrmn Avg. Prob Success vs Accuracy OptimalClass 1.00 OptimalClass_ MajorityClass MajorityClass 0.75 RandomClass_B RandomClass_A RandomClass_B RandomClass_A RandomClass_C RandomClass_C Accuracy 0.500 0.25 MinorityClass MinorityClass PessimalClass PessimalClass 0.00 0.00 0.25 0.50 0.75 1.00 **Ability Average Probability of Success** Histogram abilities (classifiers) Histogram Accuracies (classifiers) 75 count 25 0.75 1.00 0.00 0.25 0.50 Acc

2.5

0.0

-2.5

1.00

Accuracy .05.0

0.00

count

20

Ability

-5.0

Ability vs Accuracy