Dataset: 10_vertebral-column.csv Num classes: 3 Prop classes: 0.19 0.32 0.48 AvgProb(Rnd_A): 0.39 - (Rnd_B): 0.387 - (Rnd_C): 0.406 MedianProb(Rnd_A): 0.375 - (Rnd_B): 0.37 - (Rnd_C): 0.4 Expected accuracy (Rnd Classifier): 0.3689 Opt (Abil): 4.705 - Opt (AvgProb): 0.985 Pess (Abil): -6.984 - Pess (AvgProb): 0.023 Items by Dscrmn (colour) & Dffclt (size) - (0.19 0.32 0.48) Hist. Difficulty (All instances) Hist. Difficulty (Noisy instances) 60 -Dffclt **●** |-3.0 count 20 -1.5 Dscrmn -2.5 0.0 -5.0 2.5 5.0 3.0 Dffclt Dffclt 1.5 Hist. Discriminant (All instances) Hist. Discriminant (Noisy instances) 0.0 300 --1.5 -3.0 factor(Class) **0** count **A** 1 100 • 2 0.75 1.00 1.25 0.50 1.50 Dscrmn Dscrmn Avg. Prob Success vs Accuracy OptimalClass-1.00 OptimalClass • 0.75 Accuracy 05.0 MajorityClass RandomClass_C RandomClass_A RandomClass_B 0.25 MinorityClass PessimalClass 0.00 0.25 0.75 0.00 0.50 1.00 Ability **Average Probability of Success** Histogram Accuracies (classifiers) 60 count 20 -

0.75

0.50

Acc

1.00

0.00

0.25

pc1

MajorityClass

RandomClass_C

RandomClass_A

Histogram abilities (classifiers)

0

Ability

-4

Random Class_B

MinorityClass

1.00

0.75

0.25

0.00

60

count 40

20