Dataset: 05\_parkinsons.csv\_clean.csv Num classes: 2 Prop classes: 0.21 0.79 AvgProb(Rnd\_A): 0.698 - (Rnd\_B): 0.719 - (Rnd\_C): 0.544 MedianProb(Rnd\_A): 0.828 - (Rnd\_B): 0.852 - (Rnd\_C): 0.505 Expected accuracy (Rnd Classifier): 0.6682 Opt (Abil): 2.109 - Opt (AvgProb): 0.951 Pess (Abil): -5.425 - Pess (AvgProb): 0.368 Items by Dscrmn (colour) & Dffclt (size) – (0.21 0.79) Hist. Difficulty (All instances) Hist. Difficulty (Noisy instances) Dffclt **●** −3.0 conut count -1.5 20 3.0 -10 Dscrmn -5 Dffclt Dffclt Hist. Discriminant (All instances) Hist. Discriminant (Noisy instances) 0.0 -1.5 count count count factor(Class) **o** 20 -10 -0.3 -0.1 -0.2 pc1 Dscrmn Dscrmn Avg. Prob Success vs Accuracy OptimalClass 1.00 MajorityClass MajorityClass 0.75 •RandomClass\_C
• RandomClass\_B RandomClass\_C RandomClass\_B RandomClass\_A •RandomClass\_A Accuracy 0.500 0.25 MinorityClass PessimalClass 0.00 0.25 0.50 0.00 0.75 1.00 **Ability Average Probability of Success** Histogram Accuracies (classifiers) Histogram abilities (classifiers) 40 20 -0.25 0.75 0.00 0.50 1.00 Ability

Acc

-**1**5

Ability vs Accuracy

1.00

Accuracy 0.500

40

20

count

MinorityClass

0.00 + PessimalClass