Dataset: b\_\_Cassini\_3c\_200e\_10n\_clean.csv Num classes: 3 Prop classes: 0.4 0.41 0.19 AvgProb(Rnd\_A): 0.354 - (Rnd\_B): 0.282 - (Rnd\_C): 0.269 MedianProb(Rnd\_A): 0.2 - (Rnd\_B): 0.183 - (Rnd\_C): 0.168 Expected accuracy (Rnd Classifier): 0.3642 Opt (Abil): 1.226 - Opt (AvgProb): 0.999 Pess (Abil): -2.124 - Pess (AvgProb): 0.033 Hist. Difficulty (All instances) Hist. Difficulty (Noisy instances) Items by Dscrmn (colour) & Dffclt (size) – (0.4 0.41 0.19) Dffclt 75 -3.0 conut -1.5 25 factor(Class) ■ 1 Dffclt Dffclt Hist. Discriminant (All instances) Hist. Discriminant (Noisy instances) Dscrmn 30 1.5 conut 0.0 -1.5 0.5 1.0 100 200 -1.0 -0.5 300 0.0 Dscrmn Dscrmn Ability vs Accuracy Avg. Prob Success vs Accuracy OptimalClass 1.00 0.75 Accuracy 0.500 Accuracy 05.0 MajorityClass MajorityClass
RandomClass\_A RandomClass\_A RandomClass\_C RandomClass\_C •RandomClass\_B RandomClass\_B 0.25 0.25 MinorityClass MinorityClass PessimalClass 0.00 PessimalClass 0.00 0.25 0.75 0.00 0.50 1.00 Ability **Average Probability of Success** Histogram Accuracies (classifiers) Histogram abilities (classifiers) 100 -75 40 count count 50 20 25 0.75 0.00 0.25 0.50 1.00 Ability Acc