Dataset: 07\_energy\_s.csv\_clean.csv Num classes: 3 Prop classes: 0.48 0.17 0.35 AvgProb(Rnd\_A): 0.324 - (Rnd\_B): 0.355 - (Rnd\_C): 0.311 MedianProb(Rnd\_A): 0.263 - (Rnd\_B): 0.292 - (Rnd\_C): 0.258 Expected accuracy (Rnd Classifier): 0.3818 Opt (Abil): 3.294 - Opt (AvgProb): 0.988 Pess (Abil): -8.482 - Pess (AvgProb): 0.2 Hist. Difficulty (All instances) Hist. Difficulty (Noisy instances) Items by Dscrmn (colour) & Dffclt (size) – (0.48 0.17 0.35) 2.0 120 Dffclt 1.5 **●** −3.0 count 0.0 0.5 0.0 Dscrmn -9.50 -10 -10.00 -9.75 **Dffclt** Dffclt Hist. Discriminant (All instances) Hist. Discriminant (Noisy instances) 0.0 150 1.5 factor(Class) count 0.5 -0.43 5.0 7.5 -0.42-0.41 0.0 pc1 Dscrmn Dscrmn Avg. Prob Success vs Accuracy 1.00 0.75 Accuracy 0.500 MajorityClass RandomClass\_B RandomClass\_C RandomClass\_A 0.25 MinorityClass 0.00 PessimalClass 0.25 0.00 0.50 0.75 1.00 **Average Probability of Success Ability** Histogram Accuracies (classifiers) 40 -30 conut 0.75 1.00 0.25 0.50 0.00

Ability vs Accuracy

MajorityClass

Histogram abilities (classifiers)

0

Acc

Ability

RandomClass\_B RandomClass\_C

RandomClass\_A

-MinorityClass

0.00 PessimalClass

40

conut

10

1.00

Accuracy