Protein Expression - PCA Decision Boundaries (100 features, 227 samples) **Logistic Regression Input Data Random Forest** Acc: 0.70 10 10 10 5 5 -PC2 (9.8% var) PC2 (9.8% var) PC2 (9.8% var) 0 0 **-**5 **-**5 -10 $-10^{-1}$ -10 -10 10 15 -1010 20 -1020 -10 20 **-**5 15 **-**5 15 **-**5 PC1 (20.3% var) PC1 (20.3% var) PC1 (20.3% var) **XGBoost Neural Network RBF SVM** Acc: 0.71 Acc: 0.71 10 10 10 5 -5 PC2 (9.8% var) PC2 (9.8% var) PC2 (9.8% var) 0 **-**5 --10 --10-1010 15 20 -1015 20 -10 10 15 -10 10 **-**5 5 **-**5 0 20 PC1 (20.3% var) PC1 (20.3% var) PC1 (20.3% var)