**Training Set Mean Specificity** Overall 1.00 0.75 0.50 0.25 0.00 **HGSC** 1.00 0.75 0.50 0.25 Algorithms 0.00 rf CCOC 1.00 svm 0.75 xgb 0.50 0.25 mr Specificity 0.00 **ENOC** Subsampling 1.00 0.75 none 0.50 down 0.25 up 0.00 smote **LGSC** hybrid 1.00 0.75 0.50 0.25 -0.00 MUC 1.00 0.75 0.50 0.25 0.00

Workflow