**Training Set Mean Kappa** Overall 1.00 0.75 0.50 0.25 0.00 **HGSC** 1.00 0.75 0.50 0.25 Algorithms 0.00 CCOC rf 1.00 svm 0.75 xgb 0.50 0.25 mr 20.00 **Kabba** 1.00 **ENOC** Subsampling 0.75 none 0.50 down 0.25 up 0.00 smote **LGSC** 1.00 hybrid 0.75 0.50 0.25 0.00 MUC 1.00 0.75 0.50 0.25 r snote Mario + 189 0.00 while sym none it down tolo

Workflow