Training Set Mean Accuracy Overall 1.0 8.0 0.6 0.4 **HGSC** 1.0 8.0 0.6 0.4 Algorithms rf CCOC 1.0 svm 8.0 xgb 0.6 mr **ENOC** Subsampling none 8.0 down 0.6 up 0.4 smote hybrid 1.0 8.0 0.6 0.4 MUC

