



## N.Samples = 30/mineral, N.Trees = 150, 70-30% split, 5-fold, Accuracy: 88% WINCHITE - 0 **TSCHERMAKITE TREMOLITE** TITAN-MAGNESIO-HASTINGSITE **RIEBECKITE PARGASITE OXYKAERSUTITE MAGNESIOKATOPHORITE MAGNESIOARFVEDSONITE** MAGNESIO-HORNBLENDE MAGNESIO-HASTINGSITE KATOPHORITE : Prediction **KAERSUTITE HASTINGSITE** GLAUCOPHANE -**GEDRITE FERRORICHTERITE** FERRICNYB<d6>ITE FERRI-TSCHERMAKITIC HORNBLENDE FERRI-TSCHERMAKITE FE-TI-TSCHERMAKITE EDENITE -**ECKERMANNITE** • CUMMINGTONITE BARROISITE -ARFVEDSONITE ANTHOPHYLLITE **ACTINOLITE** ANTHOPHYLLITE **ARFVEDSONITE ECKERMANNITE** EDENITE FERRI-TSCHERMAKITE FERRICNYB<d6>ITE **FERRORICHTERITE** GEDRITE GLAUCOPHANE HASTINGSITE KAERSUTITE KATOPHORITE MAGNESIO-HASTINGSITE MAGNESIO-HORNBLENDE MAGNESIOARFVEDSONITE MAGNESIOKATOPHORITE OXYKAERSUTITE **PARGASITE** RIEBECKITE TITAN-MAGNESIO-HASTINGSITE **TREMOLITE** TSCHERMAKITE WINCHITE BARROISITE CUMMINGTONITE FE-TI-TSCHERMAKITE FERRI-TSCHERMAKITIC HORNBLENDE RICHTERITE

Amphiboles classification - Random Forest (Test Set)

Reference