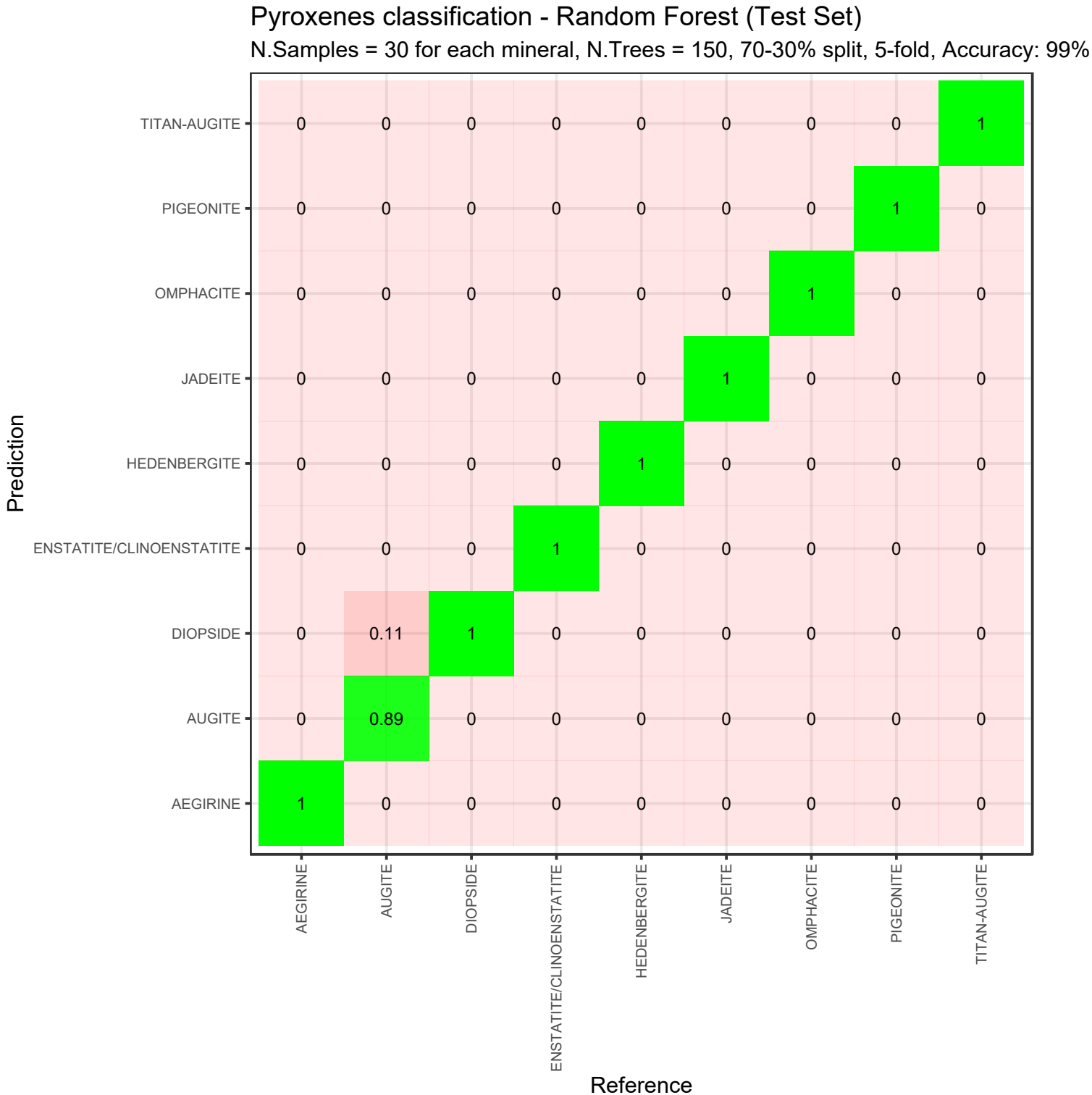
Pyroxenes classification - Random Forest (Test Set)
N.Samples = 30 for each mineral, N.Trees = 150, 70-30% split, 5-fold, Accuracy: 99%
Prediction
Reference
TITAN-AUGITE
PIGEONITE
OMPHACITE
JADEITE
HEDENBERGITE
ENSTATITE/CLINOENSTATITE
DIOPSIDE
AUGITE
AEGIRINE
0 0 0 0 0 0 0 0 1
0 0 0 0 0 0 0 1 0
0 0 0 0 0 0 1 0 0
0 0 0 0 0 1 0 0 0
0 0 0 0 1 0 0 0 0
0 0 0 1 0 0 0 0 0
0 0.11 1 0 0 0 0 0 0
0 0.89 0 0 0 0 0 0 0
1 0 0 0 0 0 0 0 0