**Landsat 8**

**Hyperparameter tuning for Random Forest Classifier**

Selected 65 trees

A graph with blue dots and numbers

AI-generated content may be incorrect.

Confusion matrix:

[68,1,0],[5,49,1],[3,1,40]]

0: [68,1,0]

1: [5,49,1]

2: [3,1,40]

Overall Accuracy:

0.9345238095238095

Producers Accuracy:

0: [0.9855072463768116]

1: [0.8909090909090909]

2: [0.9090909090909091]

Consumers Accuracy:

0: 0.8947368421052632

1: 0.9607843137254902

2: 0.975609756097561

Kappa:

0.8994066735615917

**Landsat 5**

**Hyperparameter tuning for Random Forest Classifier**

Selected 40 trees

A graph with numbers and dots

AI-generated content may be incorrect.

Confusion matrix:

[[72,0,0],[4,29,5],[0,1,48]]

0: [72,0,0]

1: [4,29,5]

2: [0,1,48]

Overall Accuracy:

0.9371069182389937

Producers Accuracy:

[[1],[0.7631578947368421],[0.9795918367346939]]

0: [1]

1: [0.7631578947368421]

2: [0.9795918367346939]

Consumers Accuracy:

0: 0.9473684210526315

1: 0.9666666666666667

2: 0.9056603773584906

Kappa:

0.9010701841712295