Confusion Matrix and Statistics

Reference

Prediction 3 4 5 6 7 8 9

3 1 1 3 2 2 0 0

4 1 3 17 7 1 0 0

5 0 28 134 107 25 0 0

6 1 7 67 129 32 6 1

7 1 4 37 152 122 17 0

8 0 0 0 1 1 1 0

9 0 0 0 1 4 0 0

Overall Statistics

Accuracy : 0.7536

95% CI : (0.418, 0.4812)

No Information Rate : 0.4484

P-Value [Acc > NIR] : 0.4867

Kappa : 0.2291

Mcnemar's Test P-Value : NA

Statistics by Class:

Class: 3 Class: 4 Class: 5 Class: 6 Class: 7 Class: 8 Class: 9

Sensitivity 0.250000 0.083333 0.5694 0.3394 0.6524 0.041667 0.000000

Specificity 0.991795 0.972428 0.7786 0.7889 0.7083 0.997906 0.994888

Pos Pred Value 0.111111 0.103448 0.5174 0.5665 0.3456 0.333333 0.000000

Neg Pred Value 0.996907 0.965263 0.8127 0.5950 0.8962 0.976434 0.998973

Prevalence 0.004086 0.036772 0.2942 0.4484 0.1910 0.024515 0.001021

Detection Rate 0.001021 0.003064 0.1675 0.1522 0.1246 0.001021 0.000000

Detection Prevalence 0.009193 0.029622 0.3238 0.2686 0.3606 0.003064 0.005107

Balanced Accuracy 0.620897 0.527881 0.6740 0.5641 0.6804 0.519786 0.497444