

MEBDI ML Competition 2022 Submission

Appendix: Confusion Matrices

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Confusion Matrices for Test Data Set

The following are the confusion matrices for the the algorithm evaluated on the testing data set.

Individual Classifier Confusion Matrices

Decision Tree:

	predicted NU	predicted U
y_tp1 = NU	66079	12927
y_tp1 = U	1513	2887

Lasso:

	predicted NU	predicted U
y_tp1 = NU	62833	16173
y_tp1 = U	1294	3106

Ridge:

	predicted NU	predicted U
y_tp1 = NU	61896	17110
y_tp1 = U	1215	3185

Final Ensemble Confusion Matrix

Majority Vote:

	predicted NU	predicted U
y_tp1 = NU	63144	15862
y_tp1 = U	1278	3122

Confusion Matrices for Training Data Set

The following are the confusion matrices for the the algorithm evaluated on the testing data set:

Individual Classifier Confusion Matrices

Decision Tree:

	predicted NU	predicted U
y_tp1 = NU	263981	52377
y_tp1 = U	5834	11322

Lasso:

	predicted NU	predicted U
y_tp1 = NU	250415	65943
y_tp1 = U	4880	12276

Ridge:

	predicted NU	predicted U
y_tp1 = NU	246527	69831
y_tp1 = U	4603	12553

Final Ensemble Confusion Matrix

Majority Vote:

	predicted NU	predicted U
y_tp1 = NU	251607	64751
y_tp1 = U	4856	12300