Data Mining and Decision Systems

08338

Assessed Coursework

Data Mining of Legacy Data

Stage 3. Classifier Performance

Student Number: STUDENTID

PDF Due: 2pm 30 November 2015 via E-Bridge

Thursday, 24 September 2015

# Classifier Performance

Classifier Performance on the given data ( **BaseData-All** ) and cleaned data ( eg **MyFinalClean** ) is described in Table 1 below, based on the worksheet **Performance**.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Classifier** | **Data** | **RMSE** | **Accuracy** | **TP** | **FP** | **TN** | **FN** | **Sensitivity** | **Specificity** |
| j48 | BaseData-All |  |  |  |  |  |  | #DIV/0! | #DIV/0! |
| Ridor | BaseData-All |  |  |  |  |  |  | #DIV/0! | #DIV/0! |
| NN?? | BaseData-All |  |  |  |  |  |  | #DIV/0! | #DIV/0! |
| KMeans?? | BaseData-All |  |  |  |  |  |  | #DIV/0! | #DIV/0! |
|  |  |  |  |  |  |  |  |  |  |
| j48 | MyClean |  |  |  |  |  |  | #DIV/0! | #DIV/0! |
| Ridor | MyClean |  |  |  |  |  |  | #DIV/0! | #DIV/0! |
| NN?? | MyClean |  |  |  |  |  |  | #DIV/0! | #DIV/0! |
| KMeans?? | MyClean |  |  |  |  |  |  | #DIV/0! | #DIV/0! |

*Table1. Summary Table of Classifier Performance on the ACW data*

Now add some words describing the issues with this data and table, for instance best classifier-data combination.