

MAFS6010Z Project 1 Rebuttal

Group 1

For the second review, 'more details of dimensionality reduction can be illustrated'. We have considered this, but the model performs worse after dimensionality reduction, and it is not necessary to do feature reduction if we have enough computing power.

For the third review, 'The method used to fill the missing value is too simple which may reduce the final AUC. In addition, Adjusting parameters can be engaged in model selection'. Firstly we did not use median values to fill in missing values in all cases, as many columns were specially treated as mentioned in the report. Secondly, the hyperparameters of each model have been adjusted to improve the performance of the model.