

Rebuttal from group 4

Review 2:

Rebuttal on presentation: We think we deserve a higher mark in this section. According to the comment, our presentation is clear, easy to follow, and has good pacing.

Rebuttal on creativity:

We proposed a novel problem statement about analyzing the difference between merged dataset and application dataset, the focus of this project is to examine whether more features can give higher prediction results. Therefore, we adopted two major models to test this hypothesis. And Light GBM is a state-of-art model which was just developed in recent years. It has a high model complexity and accuracy, and it is the most winning model in Kaggle contests. Moreover, we did spend great effort on understanding the deep architecture, explaining to the class instead of just using it. So we think that these two major models are sufficient to draw our conclusion that more features are indeed useful for prediction. Moreover, we did tune our LightGBM model, with fine tuning parameters and grid search for hyperparameters, as presented and explained in P.20 of our presentation slides. Detailed implementation can be referred to our code. We think this should be considered as adaptations and extensions of existing ideas and counted as creativity.