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Project 1 Rebuttal

Response to Review 1

First, thanks for your attention and inspiring comments.

Regarding your point that some models inherently do feature selection, I can't agree more and mentioned this possibility in my analysis of Random Forest.

As for the 0.6 cut-off of correlation coefficient, I indeed learned this from others' pipeline and don't have a particular reason. And I also used VIF as another criterion.

I will try my best to improve my academic writing. Thanks for your suggestions again.

Response to Review 2

First, thanks for your attention and inspiring comments.

In terms of hyperparameter tuning, I did not dive into this problem deeply due to insufficient knowledge at that time. I promise that this part will be illustrated more thoroughly in the final project.

About the presentation, because I was told to "stand by" that day and hence did not have much time to prepare, so I failed to showcase a better version of my presentation then and will improve next time.

The preprocessing was not discussed in detail due to the constraint of the poster size. Maybe I can try writing an in-depth report next time. Thanks for your suggestions again.

Response to Review 3

First, thanks for your attention and inspiring comments.

Regarding the predictors in the final "premium subset", they are included in the heatmap in the poster. Maybe I will create a separate table for readers to follow.

Thanks for your suggestions again.

Response to Review 4

First, thanks for your attention and inspiring comments.

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The major reason for the model choices is that these three models were introduced in the lectures, and I wanted to validate/explore the properties of these models. So, they may not be the state-of-the-art methods but are closely related to the course contents.

The size of my graphs is mainly restricted by the available space of the poster. Maybe I will try a written report next time. Thanks for your suggestions again

Response to Review 5

First, thanks for your attention and inspiring comments.

Due to the time limit, I failed to incorporate other data tables to enlarge the predictor space. I believe that I will resolve this issue once I have time to update this project.

It is a great idea to include some previous research conclusions on the same topic. And I believe that their results can shed light on the puzzles remaining in my project. Thanks for your suggestions again.