Regarding Midsem Project Update

Initially I had made the ddm model such that it will give higher value as output if it is incongruent (condition=1) using a positive drift rate and lower value of congruent (condition=0) using a negative drift rate on some random initial parameters

However as we had disscussed the average time periods that were predicted and the ones present in the dataset werent matching.

As a result I tried using the method of grid search to optimize the model.

The result although shows congruent to be less than incongruent it however is not very close to the true average of the two time periods in the Dataset.

Also we had disscussed to look for a dataset which includes color and semantic, however I couldn’t find any such dataset and therefore was trying on the dataset that contained time period for congruent and incongruent conditions

Here is the average of the congruent and incongruent conditions in the dataset

A screenshot of a computer

Description automatically generated

Here is the average of the predictions from the model

A screenshot of a computer

Description automatically generated