Readme

***Please don’t rename files as the code is made according to that.***

***The code was prepared on google colab.***

**Main file is Grammar Analyses.ipynb**

Data\_export.xlsx is the excel file which contains the random generated data of 4000 students

Data\_generation.ipynb is the code for the data generation

For the performance dependent model

eps\_output\_file is the predicted scores for each parameter set for each true score for the performance dependent model

simulations\_variable\_eps.ipynb is the file generating the above predictions

eps\_guess.py is the file with mcmc simulations and calculating the posterior distributions

For the bayesian inference model

output\_file.csv is the predicted scores for each parameter set for each true score

simulations\_basic\_copy.ipynb is the file generating the above predictions

with\_guess.py is the file with mcmc simulations and calculating the posterior distributions