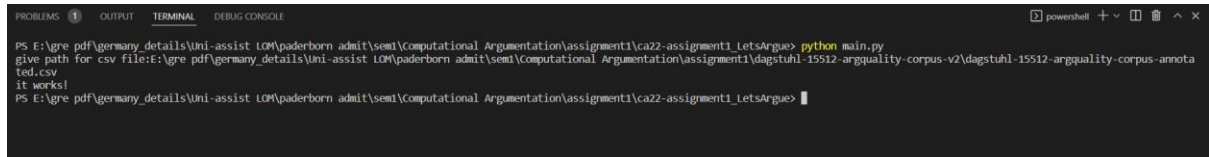


CA22 Assignment 1 By group LetsArgue

Note: Please provide the path for csv while executing



```
PS E:\gre pdf\germany_details\uni-assist LOM\paderborn admit\semi\Computational Argumentation\assignment1\ca22-assignment1_LetsArgue> python main.py
give path for csv file:E:\gre pdf\germany_details\uni-assist LOM\paderborn admit\semi\Computational Argumentation\assignment1\dagstuhl-15512-argquality-corpus-v2\dagstuhl-15512-argquality-corpus-annotated.csv
it works!
PS E:\gre pdf\germany_details\uni-assist LOM\paderborn admit\semi\Computational Argumentation\assignment1\ca22-assignment1_LetsArgue>
```

Statistics:

1. Average Quality score per issue & Average Effectiveness Score per Issue:

This measure tells that which issue according to the corpus is more effective or has more quality score.

By the 1st bar graph(Fig1) it can be seen that issues ['is-it-better-to-have-a-lousy-father-or-to-be-fatherless', 'if-your-spouse-committed-murder-and-he-or-she-confided-in-you-would-you-turn-them-in', 'ban-plastic-water-bottles'] have high average overall quality scores while ['christianity-or-atheism', 'human-growth-and-development-should-parents-use-spanking-as-an-option-to-discipline', 'india-has-the-potential-to-lead-the-world'] issues have less average overall quality scores.

By the 2nd bar graph(Fig2) it can be seen that issues ['is-it-better-to-have-a-lousy-father-or-to-be-fatherless', 'if-your-spouse-committed-murder-and-he-or-she-confided-in-you-would-you-turn-them-in', 'ban-plastic-water-bottles'] have high average effectiveness scores while ['india-has-the-potential-to-lead-the-world', 'christianity-or-atheism', 'firefox-vs-internet-explorer'] have low average effectiveness scores.

We can infer that even if 'human-growth-and-development-should-parents-use-spanking-as-an-option-to-discipline' issue has low overall quality score than 'firefox-vs-internet-explorer' but it can be seen as more effective in achieving to persuade us of the author's stance for this issue.

Fig1:

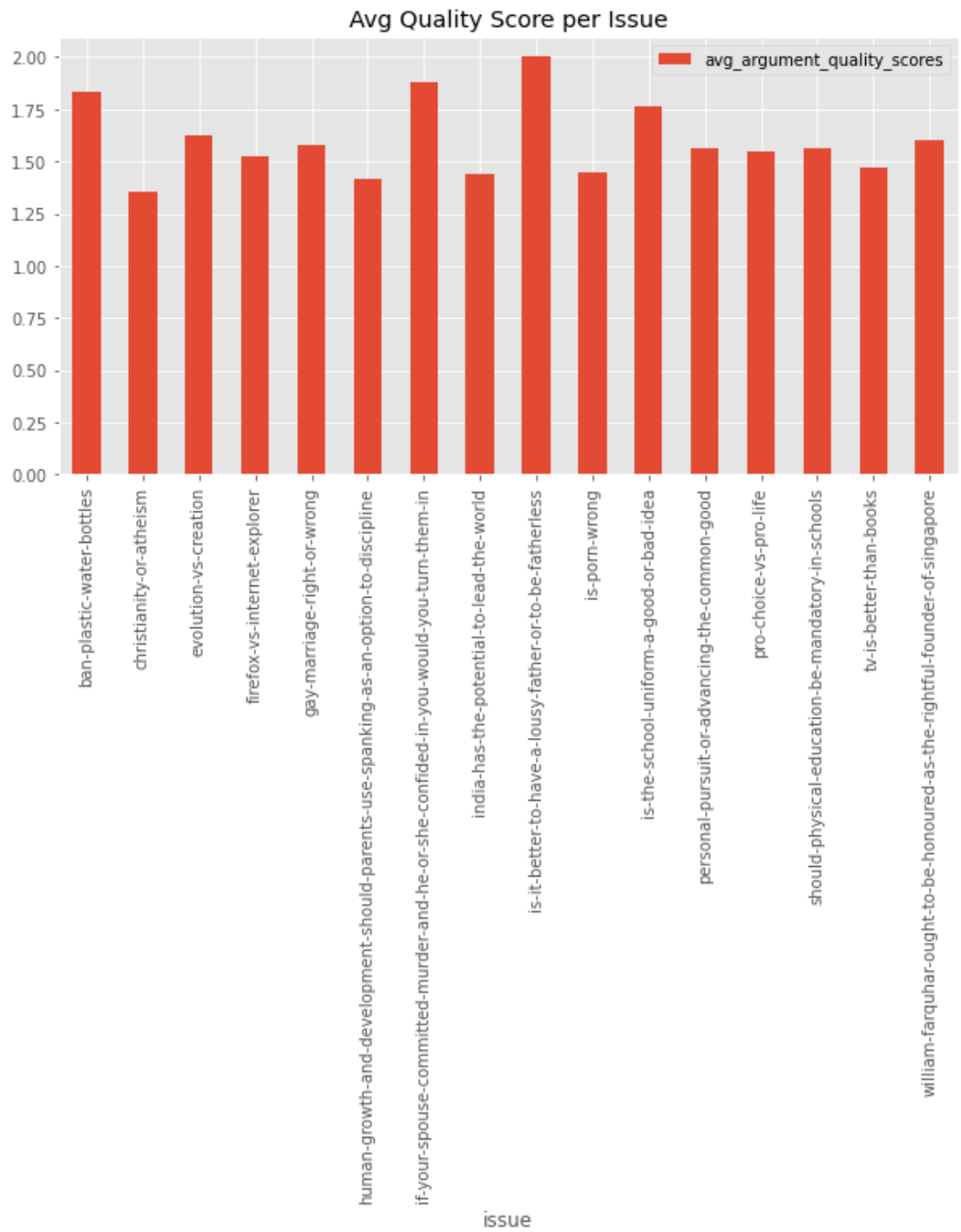
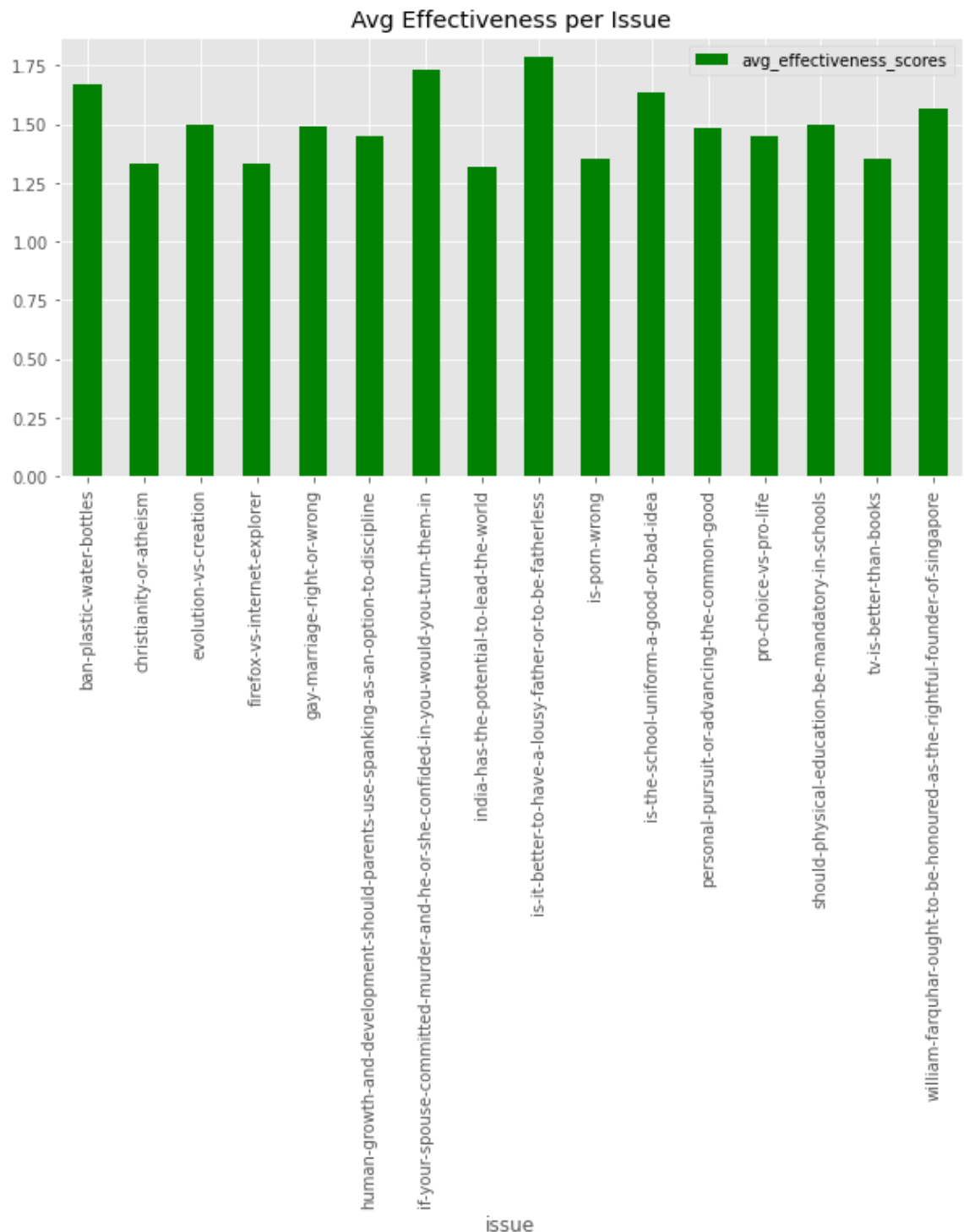


Fig 2:



2. Argumentative Quality VS Emotional Appeal:

This measure tries to compare issues overall quality score with it's emotional appeal score.

We can infer that even if ['pro-choice-vs-pro-life', 'human-growth-and-development-should-parents-use-spanking-as-an-option-to-discipline'] issues has low overall quality score But has more average emotional appeal which can be seen as successful in making an emotional appeal to convey these arguments and other information in a way that creates emotions, which make the target audience more open to the author's arguments.

Also 'ban-plastic-water-bottles' issue has more overall quality score but not able to convey emotions to make the target audience more open to the author's arguments due to its low emotional appeal score.

Fig3:

