r/AskWomen
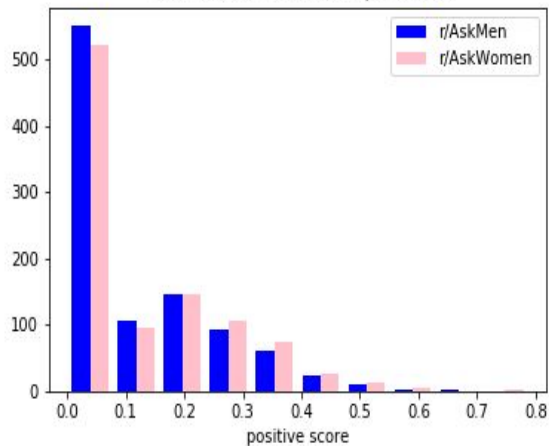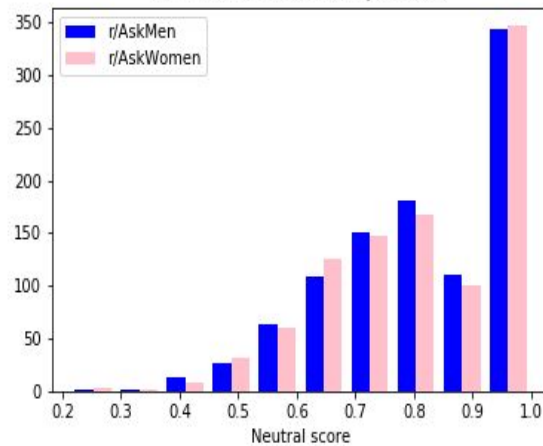
r/AskMen

Data Gathering

- Top 1000 posts from each subreddit
- Top comment from each post
- Top posts: Best Questions
- Top comments: Best Answers
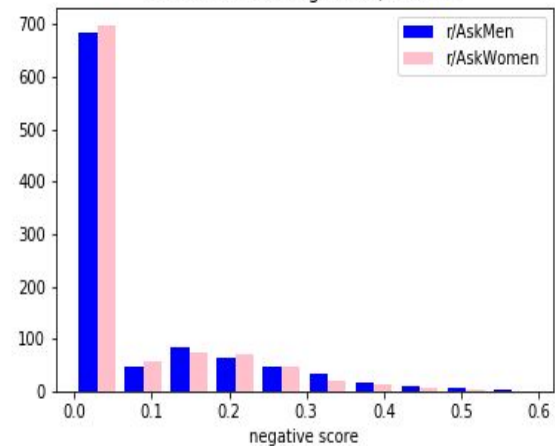
Sentiment Analysis of Questions Asked

Sentiment Analysis of Answers
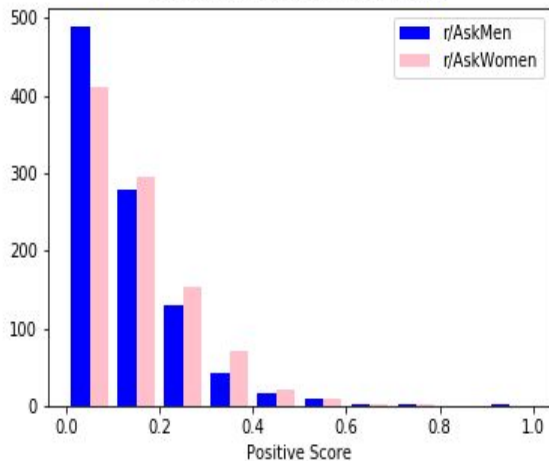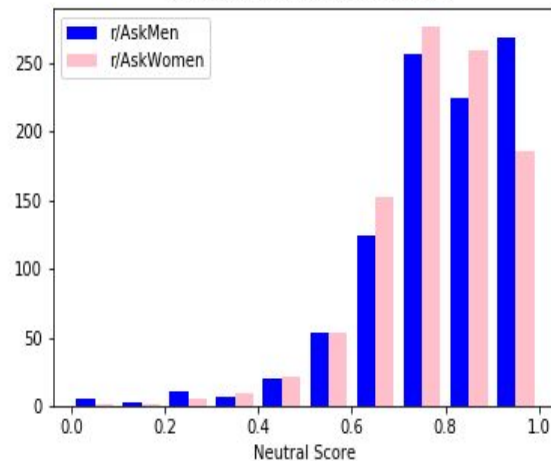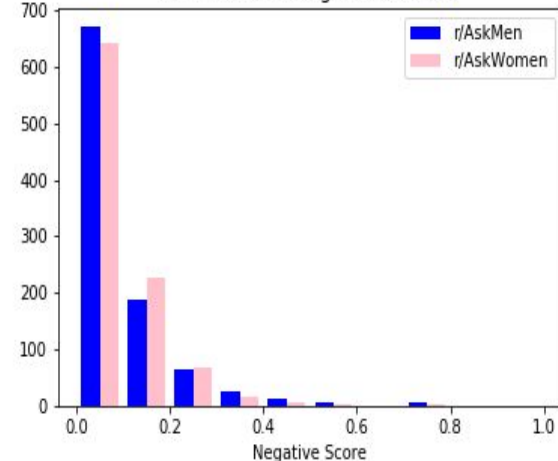
What's the Question?

r/AskMen

men	180
did	122
like	63
reddit	59
ve	53
guys	52
women	46
relationship	44
does	42
feel	40
life	40
time	36
sex	35
people	34
thing	32
think	31
best	31
make	30
woman	30
friends	29

r/AskWomen

did	152
women	131
like	62
thing	52
ve	51
life	51
favorite	50
feel	47
relationship	46
ladies	40
think	39
experience	36
best	36
love	32
make	31
partner	31
time	30
reddit	29
does	29
know	28

What's the Answer?

r/AskMen

like	268
just	254
don	197
time	172
people	151
good	146
really	122
want	117
work	107
things	104
know	103
think	103
life	102
make	87
ve	86
going	86
feel	85
way	85
years	84
got	79

r/AskWomen

like	279
just	276
time	211
don	209
really	172
people	171
ve	136
things	131
think	130
years	117
love	115
know	110
good	107
work	106
feel	105
got	104
didn	103
day	95
want	92
life	91

Modeling

	Logistic Regression	Random Forest
Count Vectorizer	61.0 %	61.4 %
Tfidf Vectorizer	**63.7 %**	61.2 %

5000 max features, (1,1)
n-gram, l2 penalty

Baseline predictor: 50.2 %, not much improvement
- Likely both subs talk about much the same things
- Lacks technical verbiage as distinguisher
- No restrictions on who can ask questions

Points of Interest

r/AskMen

men	2.838244
guys	1.468364
shit	0.999039
wife	0.944637
girl	0.868317
talk	0.832220
girlfriend	0.791648
askmen	0.731949
man	0.692610
father	0.691192
help	0.688000
sex	0.589811
need	0.572329
way	0.565941
fix	0.541340
reddit	0.526869
wrong	0.492057
respect	0.481587
times	0.466704
thanks	0.462145

r/AskWomen

women	-1.826669
ladies	-1.250169
favorite	-1.043373
experience	-1.032383
love	-0.806963
favourite	-0.783805
things	-0.655745
loved	-0.581467
period	-0.580692
married	-0.579284
makeup	-0.563595
2018	-0.559470
white	-0.543195
black	-0.539896
moved	-0.534377
boyfriend	-0.523984
buy	-0.523885
free	-0.512305
career	-0.512116
moment	-0.494592