

***The question you've all
been waiting for...***



The Beatles



The Beatles



The Beatles

VS.



Queen

Who is *Really*

THE
BEATLES

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US-DSI-10
01.31.2020



The Better Band?

“judged on
song-writing,
lyrics, live
performances,
originality and
showmanship”

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Queen Are Better Than The Beatles

According to a new Radio 2 poll that is

Uncut | 2nd January 2007



English rock band Queen have beaten The Beatles to be named the “Greatest British band of all time” in a contest conducted by BBC Radio 2.



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Posted by u/nuddlecup2 1 year ago

Beatles vs Queen

Discussion

Enough of that debates. I love both bands, but lets break this down.

1: Who's the biggest? That one goes to Beatles. They have 27 no.1 singles in just 8 years, beat the world record of domination of the top charts and hold it since, and of course, invented a lot of stuff, like the simble of Rock and Roll. Queen has some 8 Major hits, but Beatles are the most famous, hands down.

2: Better Vocals? Queen. No contest.

3: Live performances? Beatles weren't actually that bad live, check out the rooftop concert in 1969. They sounded bad because of the screaming girls. Anyway, that one goes to Queen, hands down.

4: Better Songwriting? Queen have Bohemian Rhapsody and Under Pressure, but i think that's it, correct me if i'm wrong. Beatles have Strawberry Fields Forever, A Day in the Life, In my Life, Here comes the Sun, Blackbird, i could go forever.

5: Better Musicians? John mastered the rhytm guitar, i think. All my loving is pretty damn hard to play. George was one of the greatest guitarists of all time, and Paul could play Piano, Bass, Guitar, all almost perfect! Well, Ringo... Meanwhile, Queen's guitar, bass and piano are good, but Beatles's are great. That one goes to Beatles.

6: Changes they made in Music? Well, Beatles invented the multi-track recording, the music clips, the rock and roll simbol, the concept album, and changed the way people rocked. From that same old Style created bu Buddy Holly and Chuck Berry, after the Beatles, there were Led Zepplin, Pink Floyd and Queen itself. What has Queen done to Rock that hasn't been done before by the Beatles? Another one for the Fab Four.

7: Better Albums? Bealtes, hands down. They have 7 of the greatest albums of all time acording to almost every list. Sgt Peppers, Revolver, Abbey Road, Rubber Soul, etc. Another one for Beatles.



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Category	Beatles	Queen
Biggest	1	0
Better Vocals	0	1
Live Performances	0	1
Better Songwriting	1	0
Better Musicians	1	0
Changes to Music	1	0
Better Albums	1	0
Better Music	1	1
TOTAL	6	3

All Top Ten Lists > Music

Top Ten Reasons Why Queen is Better Than the Beatles

The Top Ten



1

Bohemian Rhapsody is Regarded by Many as the Greatest Song Ever

Vote



“One song doesn't change anything. A Day In The Life is better, but many people don't know it.



“It's a fact

new

“But just because people say Bohemian Rhapsody is the best sing ever, doesn't mean that Queen is better than the Beatles. What a bunch of false reasoning! - [TheHabsFan](#)

+1

“I love both Queen and The Beatles. Don't make me choose! I don't know whether to disagree or not! I'm dying right here! HELP ME! - [Misfire](#)

+3

“True my friends and I love singing along to Bohemian Rhapsody. "the best song ever." RIGHT!

+3

[+ 9 Comments](#)

Time for

Data

Problem Statement:
Who is really the better band?

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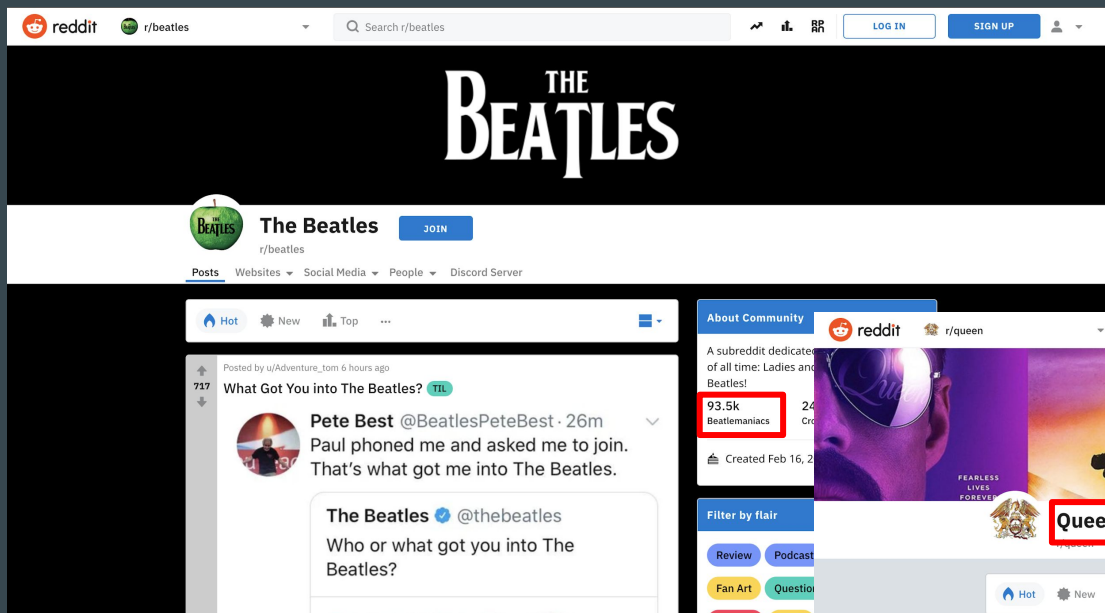
1. Which fanbase loves their band more?

Problem Statement:

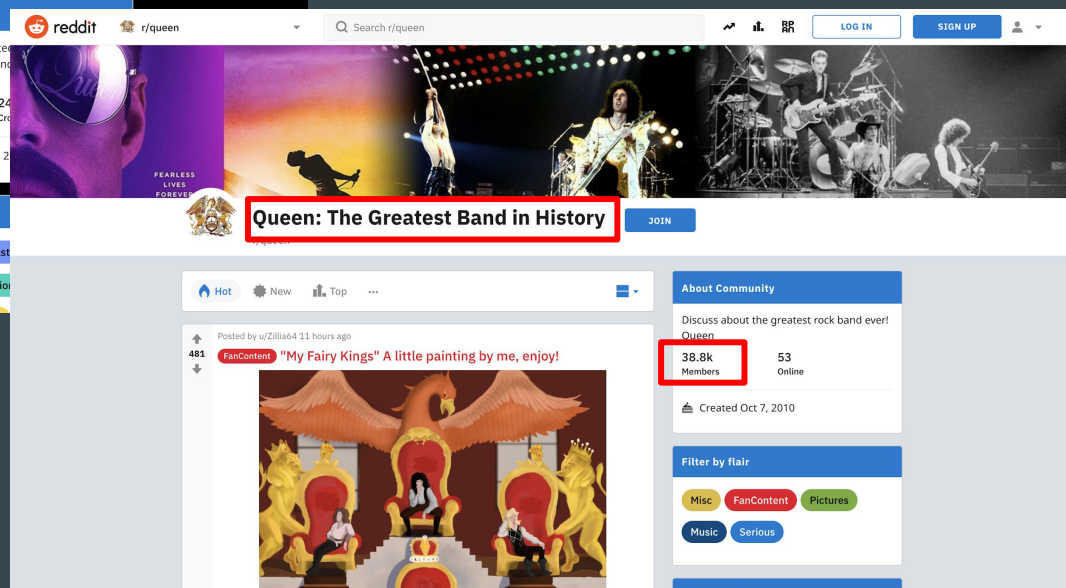
Who is really the better band?

1. Which fanbase loves their band more?
2. How can we use classification models to determine which band receives more love from their fanbase?

Method

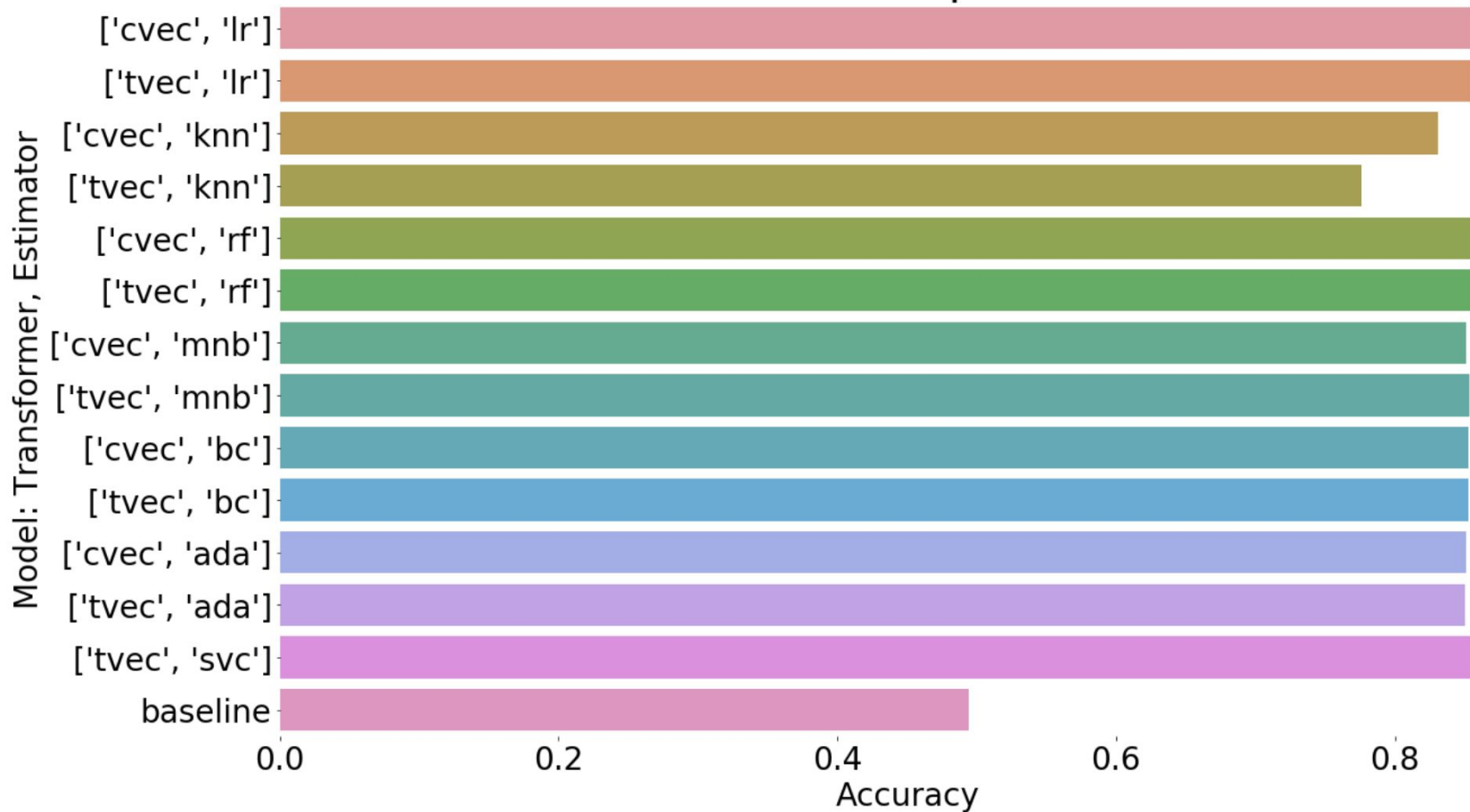


Reddit Pushift API
20,000 submissions each
20,000 comments each



Models

How did the models compare to the baseline?



Logistic Regression vs. SVM vs. Random Forest

Higher Accuracy:

- SVM
- Random Forest

Higher interpretability, less likelihood of overfitting, less processing power:

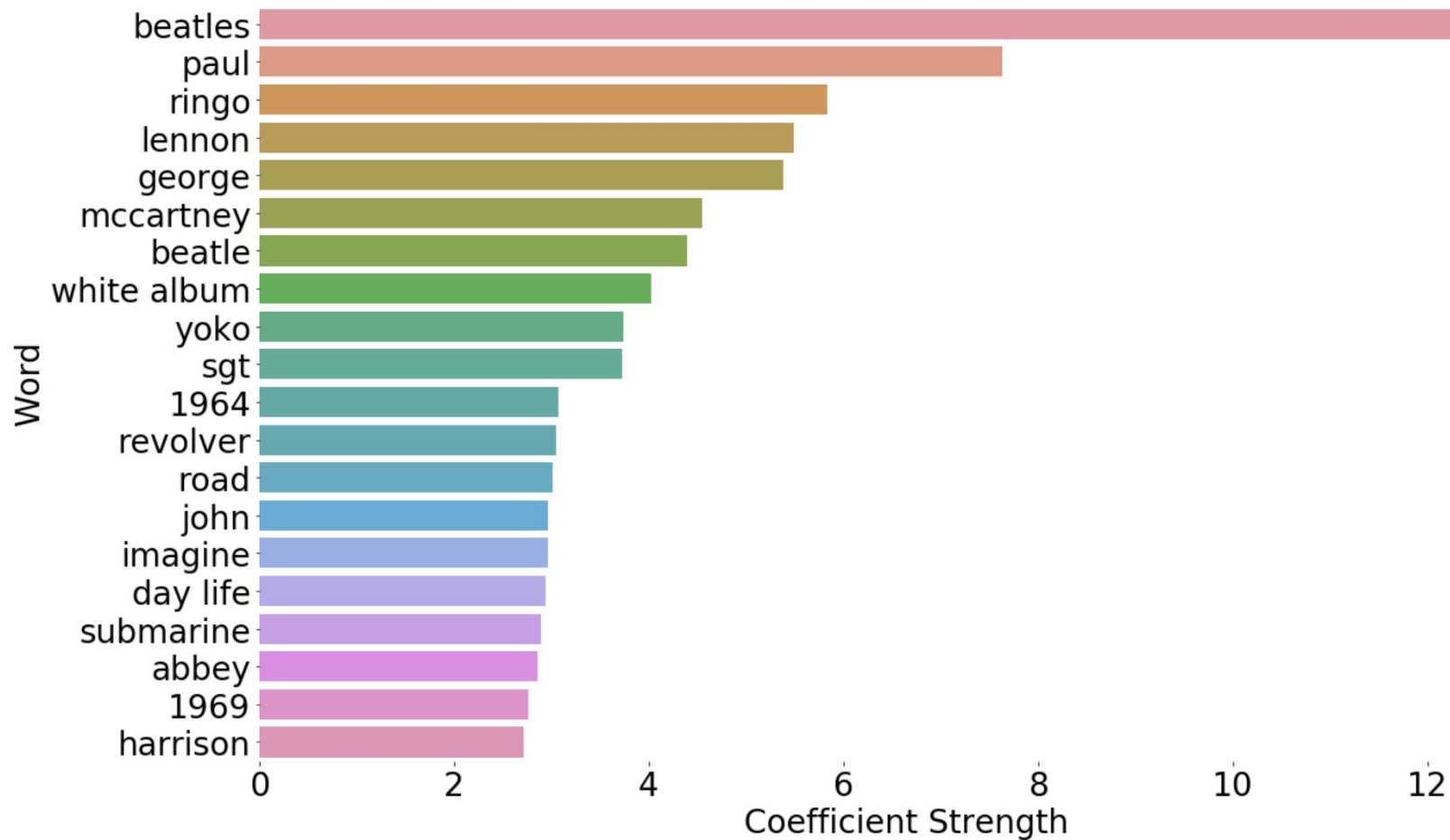
- Logistic Regression



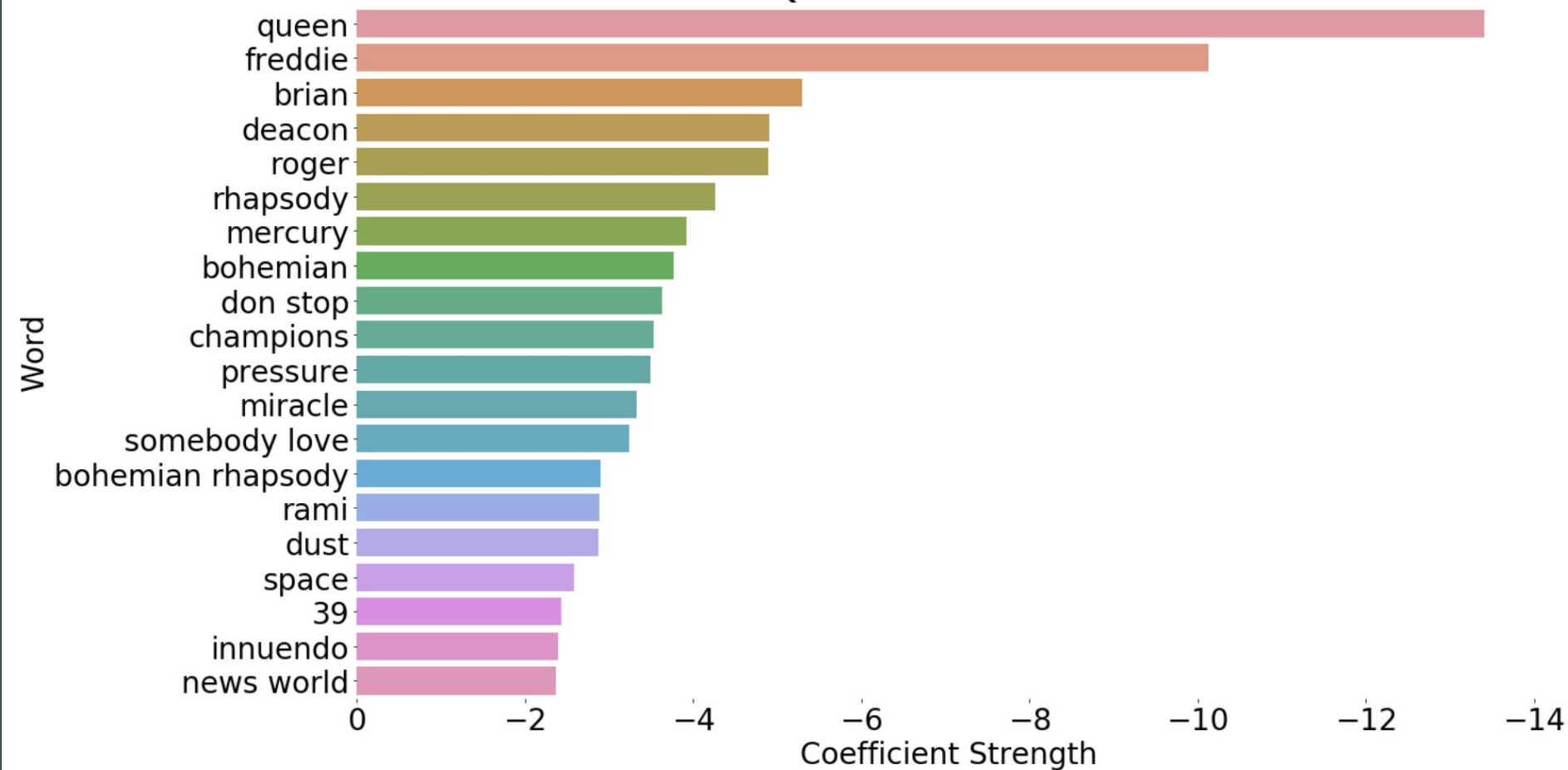
Confusion Matrix

	Predicted Queen	Predicted Beatles	
Actual Queen	5750	701	Specificity = ~89.13%
Actual Beatles	1196	5372	Sensitivity = ~81.79%

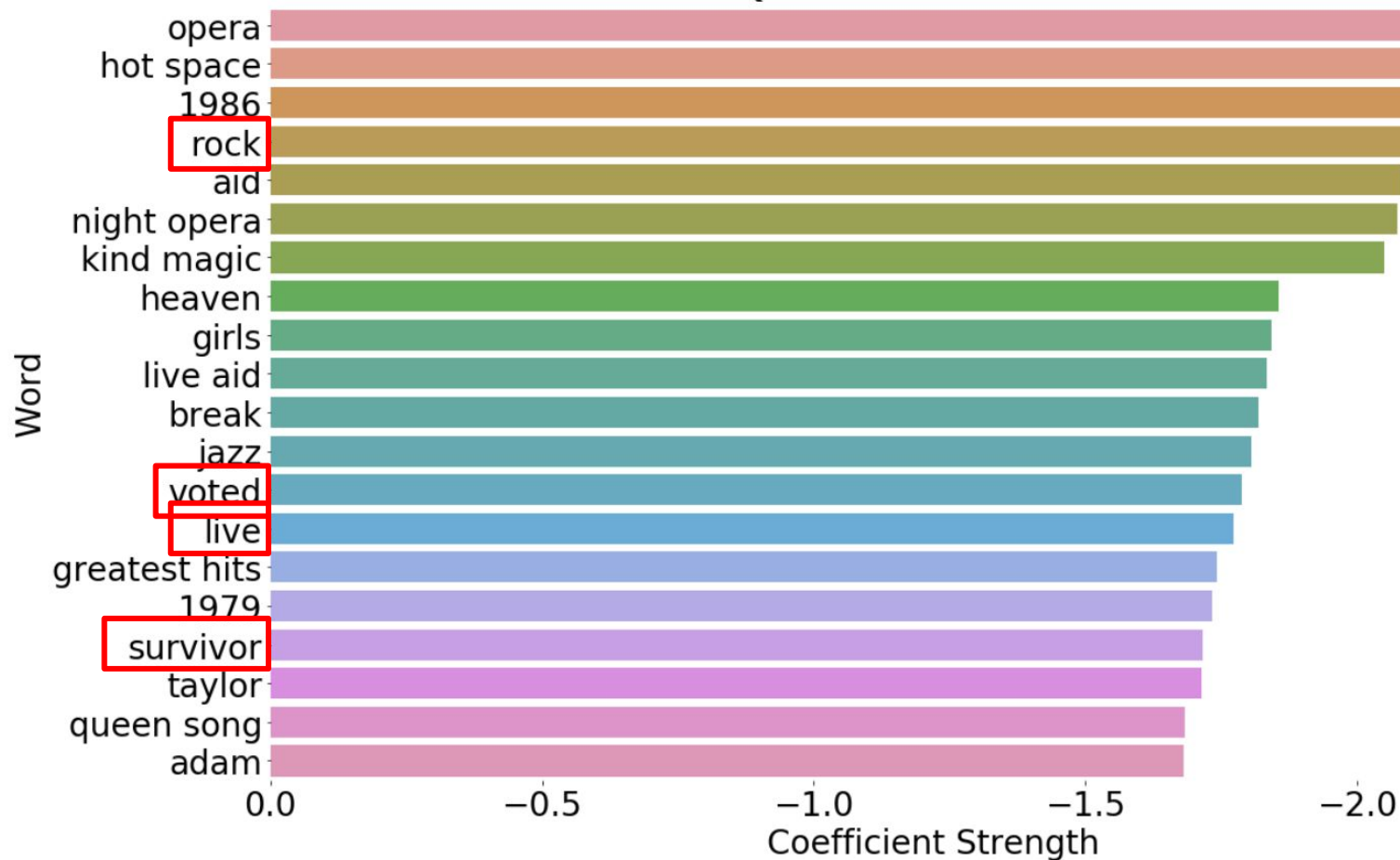
Top 20 Words with Strongest Predictive Power for Beatles Subreddit



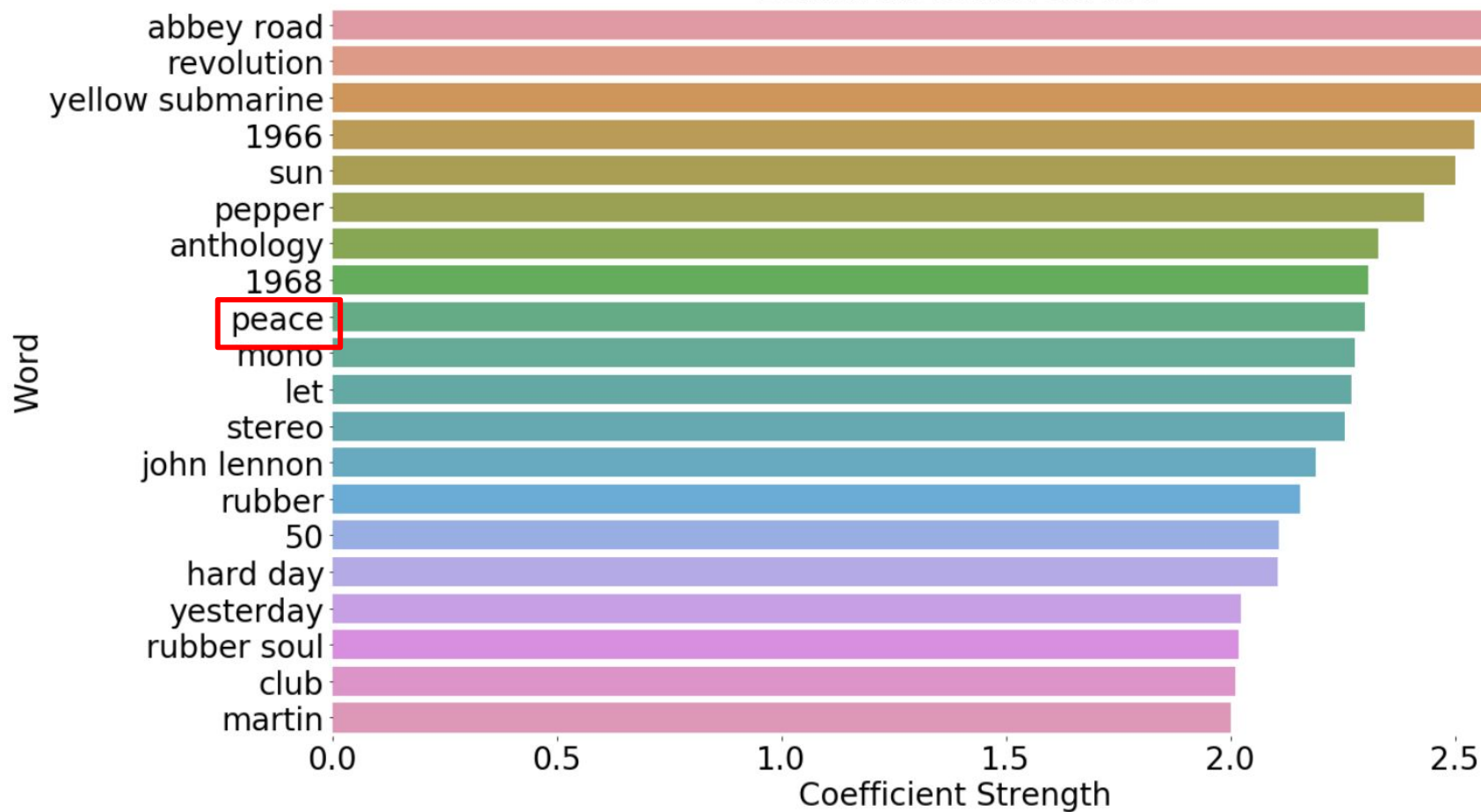
Top 20 Words with Strongest Predictive Power for Queen Subreddit



Next Top 20 Words with Strongest Predictive Power for Queen Subreddit



Next Top 20 Words with Strongest Predictive Power for Beatles Subreddit



Interesting Queen predictors: stronger to weaker

- Piano
- Amazing
- Bad
- Great
- Like
- Favorite song
- Special
- Change
- Quality
- Love
- Read
- News
- Enjoy
- Dead
- Interesting

Interesting Beatles predictors: stronger to weaker

- Album(s)
- Cover(s)
- Sounds
- Record
- Edition
- Ranking
- Underrated
- Vinyl
- Official
- Guitar
- Anniversary
- Listened
- Popular
- Different
- Spotify
- Ranked
- Loved
- Fans
- Super
- New
- Recording
- Version
- Film
- Vocals
- Better
- Worth
- Lyrics
- Favorite
- Happy
- Pretty

And the winner is...



BOTH!

While the Beatles had more
words associated with
success / popularity as
predictors...



While the Beatles had more words associated with **success / popularity** as predictors...



...Queen had more **positive words** as predictors!

THE BEATLES

01. Come Together
02. Hey Jude
03. A Day in the Life
04. Give Peace A Chance
05. Let It Be
06. Live And Let Die
07. While My Guitar Gently Weeps
08. In My Life
09. Eleanor Rigby
10. Something
11. Strawberry Fields Forever
12. I Am the Walrus
13. Help!
14. I Want to Hold Your Hand
15. Twist And Shout
16. Lucy in the Sky with Diamonds
17. Tomorrow Never Knows
18. With A Little Help From My Friends
19. Penny Lane
20. Across the Universe
21. All You Need is Love
22. Blackbird
23. Yellow Submarine
24. Helter Skelter
25. Norwegian Wood

THE BEATLES

Greatest Hits



Conclusions

1. Even with data, *criteria* and *subjective opinion* will still be the determinants of the answer to the question: “Who is *really* the better band?”
2. Further research: *sentiment analysis*
3. Applications: my model and method could perhaps be used for identifying *differences between any major pop culture figures*

