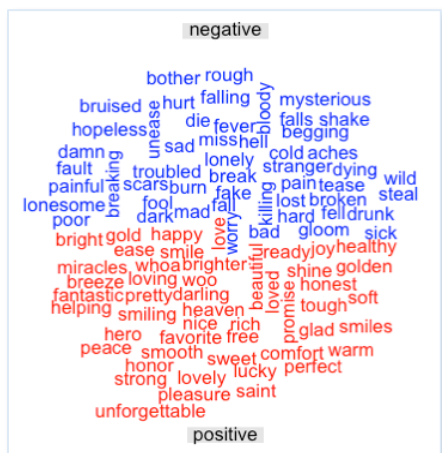# GRAMMY AWARDS, LYRICS SENTIMENT

 " Grammy Awards " The second-largest music award out of three major music awards between American Music Awards and Billboard Music Awards. In 2019, there are 84 awards in a series of categories for instance general field, pop, dance, rock and so on. In general field is accounted for 4 awards, Record Of The Year, Album Of The Year, Song Of The Year and Best New Artist respectively.
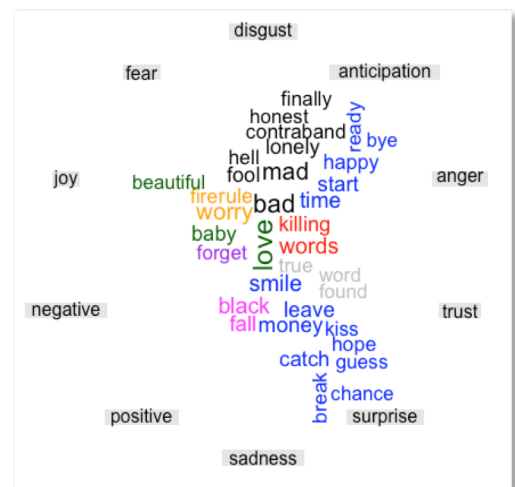
Record Of The Year VS Song Of The Year
Record Of The Year is recognized to the artists, producers, and engineers who contribute to the record while the Song Of The Year is recognized to the songwriter who wrote the song. Therefore, this report will be providing insight into the winner of Song Of The Year since 1st annual awards until the latest year 62nd, 2019. (Hertweck, n.d.)

After aggregated data and tokenize all lyrics from 63 songs, the result explains the most frequency in a single word is " love". The top 10 words are yeah, world, heart, worry, gonna, day, black, wake and hey respectively. Interestingly, the word cloud represents the sentiment of words that shows that mostly was surprise and anticipation.
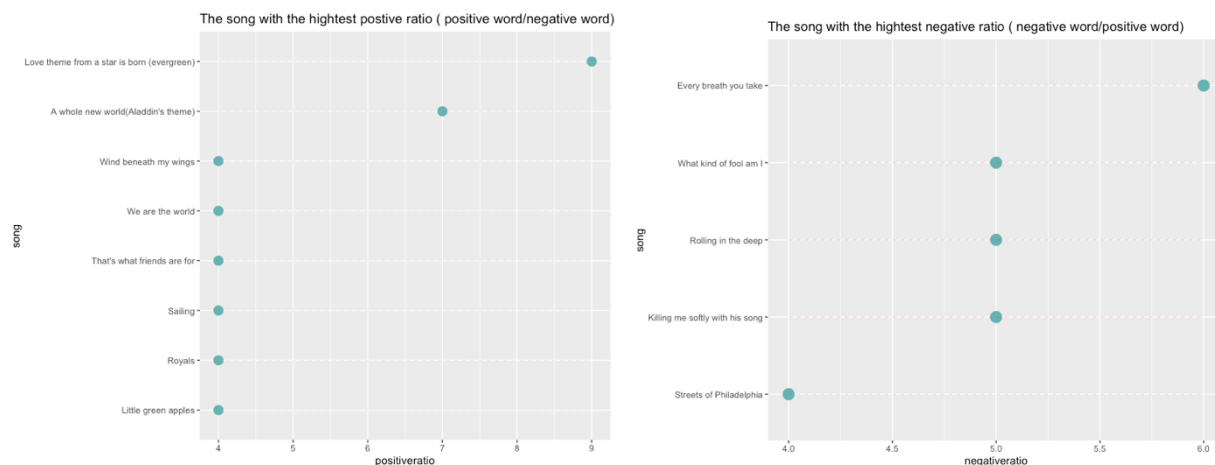

Sentiment wordcloud with"Song Of The Year Awards" ,Grammy Awards 1958-2019

There is a small number of words in anger, disgust, and fear. The frequency words between negative and positive are almost the same according to the

word cloud. Then, I analyze the sentiment the word in each year to understand the trend of the rewards if there any change of the word over the period.
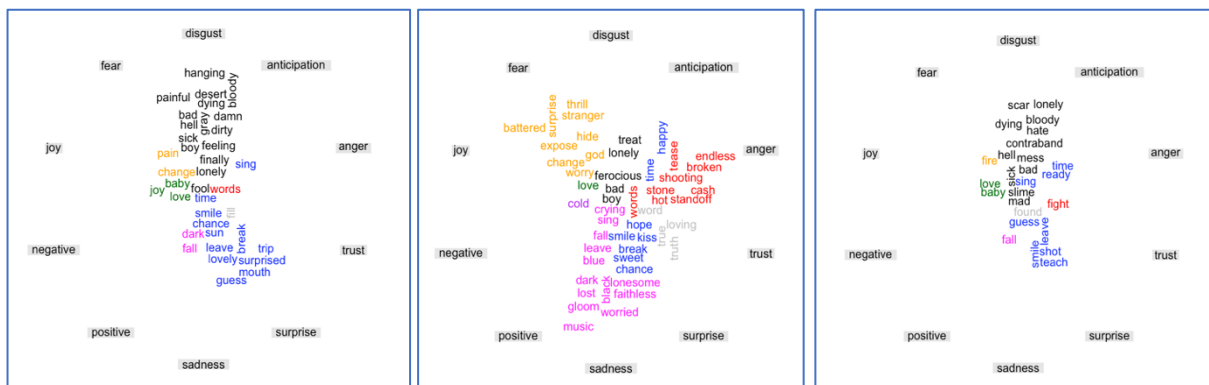

The chart represents the top song that has the highest ratio of positive and negative words. "**Love theme from a star is born (evergreen)**" has the highest ratio for the positive word. It is the theme song of the movie, 'a star is born' which has three versions 1937, 1954 and Barbra version in 1976. (Keecan, 2018) Remarkably, this song has unique words only 45 words. Moreover, " **A Whole New World** " a theme song of Disney animated Aladdin is the other song that has a high ratio of the positive song. It was a love song between Aladdin and Princess Jasmine

On the other hand, **"every breath you take"** by the police(1983) has the highest negative ratio. Notably, this song is the most misinterpreted ever, due to most people thought it about the love song. Audiences even use this song at the wedding. In fact, this song is a bit creepy because "The Police frontman Sting" wrote this song after he separated from his first wife. Therefore, the song is about jealousy, monitoring, and ownership not about the love story. (Songfacts, Every Breath You Take, n.d.) This song has 134 unique words.
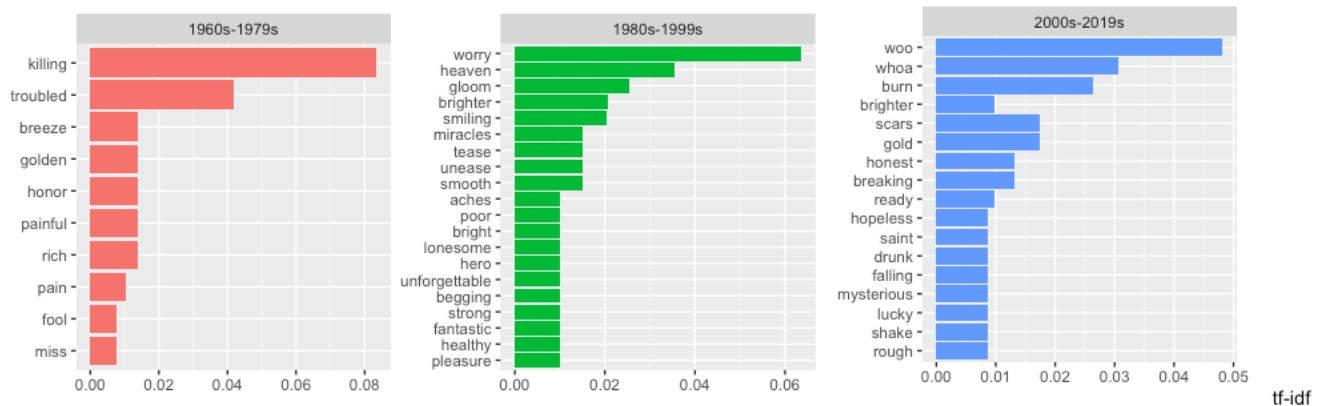
	song	n
1	This is America	278
63	Moon river	24

To observe the shortest and the longest song by the sum of the total words. Therefore, the average amount of words from 63 songs in 82.8 words. However, the shortest song is "**Moon River**" (1961) by Henry Mancini which accounted for only 24 words. The word of moon river comes from the real river in Savannah, Georgia where he grew up and it was used as a theme song for movie Breakfast at Tiffany's. (Songfacts, n.d.)While the longest song is "**This Is America**", the lyrics are about the gun, violence, and racism in America. Interestingly, this song is the first hip-hop song wins Grammy Awards in Song Of The Year including Record Of The Year. Therefore, when it is a hip-hop song so it clearly explains the reason why this song has the most words out of 63 songs.
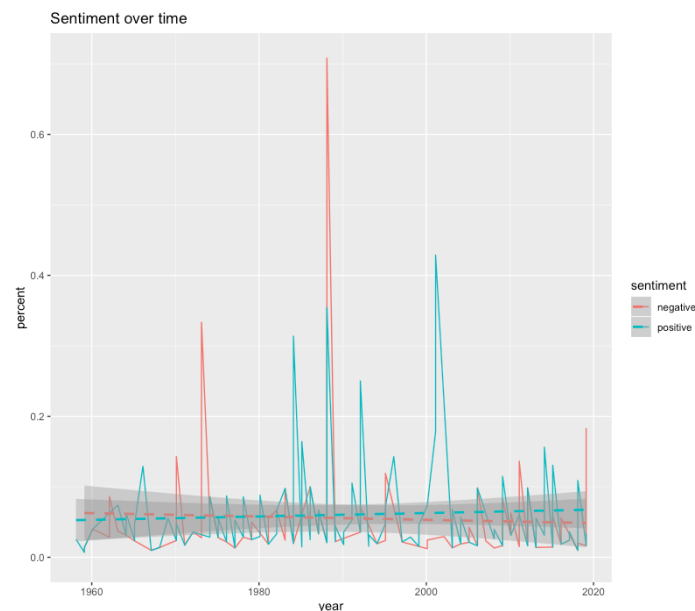

Sentiment analysis trend of the word grouping by 2 decades 1958-1979, 1980-1999 and 2000-2019

Figures above portray the sentiment words for every 2 decades, as you can see in the 60s-80s the lyrics have more surprise and disgust words. Then the next to the decade, it's about the negative word either fear, anger, and sadness. Last two decades words are about anticipation and there is less negative word compare to previous decades.

Graphs show the word that has a characteristic in each group of decade. For instance, "worry" is come from the song "Don't worry be happy", written by Bobby McFerrin so when compared to the group it doesn't unique as the 1980s.

The graph above illustrates the percentage of negative words and positive words over the period. As you can see the negative words are decreasing while the positive words are slightly increasing. Therefore, if the songwriter begins writing the song using positive words, it could be an excellent direction and produces a more leading opportunity to win this award.

In conclusion, the trend of the word in "Song Of The Year" award could change from negative words to positive words in the future. Moreover, the amount of unique words does not matter, it could be short or long and still has an opportunity to win this award. Also, the song does not need to be released the year of award according to "a star is born song" which has 2 more versions before winning this award in the 3rd version.

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FEBRUARY 12, 2020

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