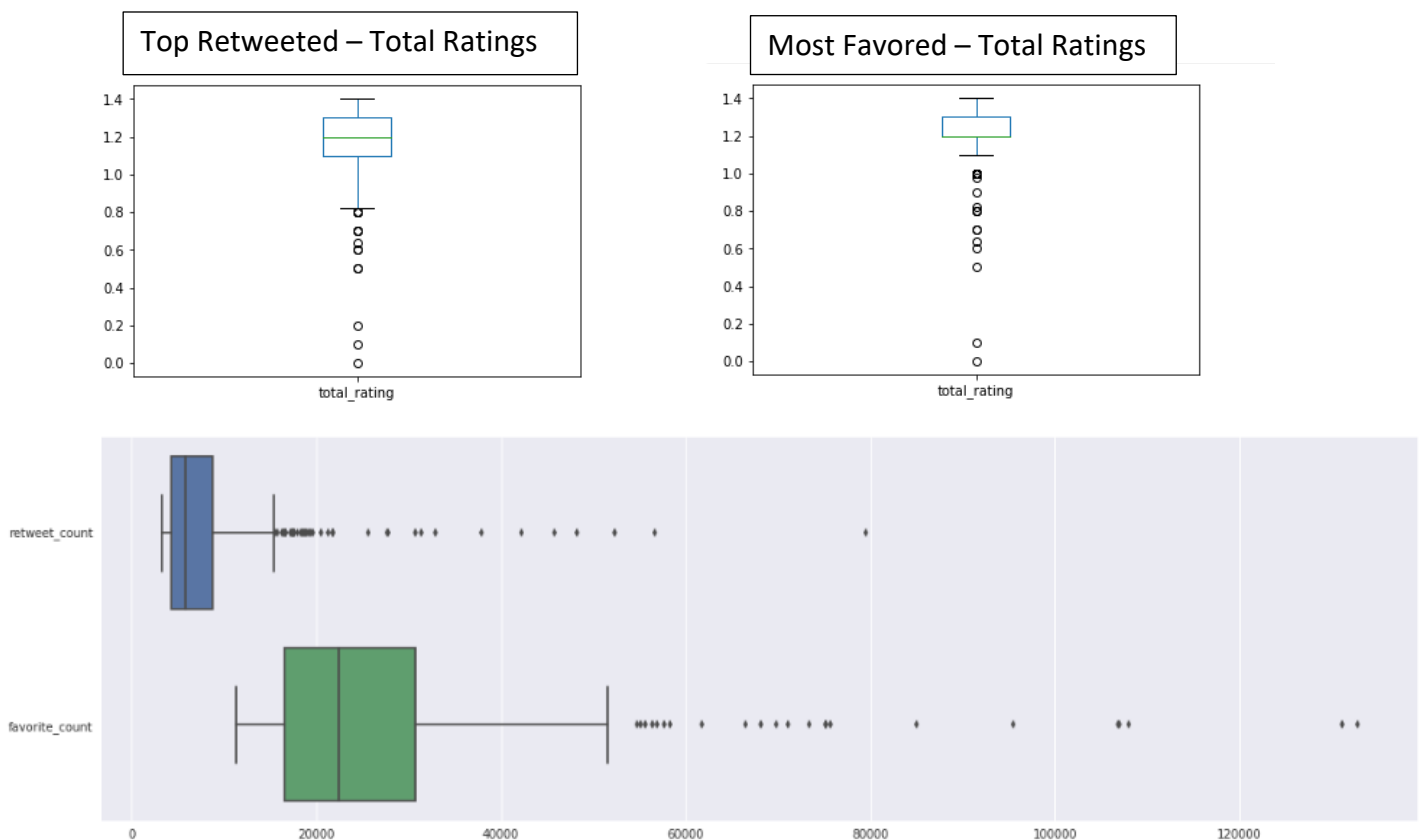


Question 1: Does a higher total rating given by WeRateDogs reflect the popularity of the tweet?

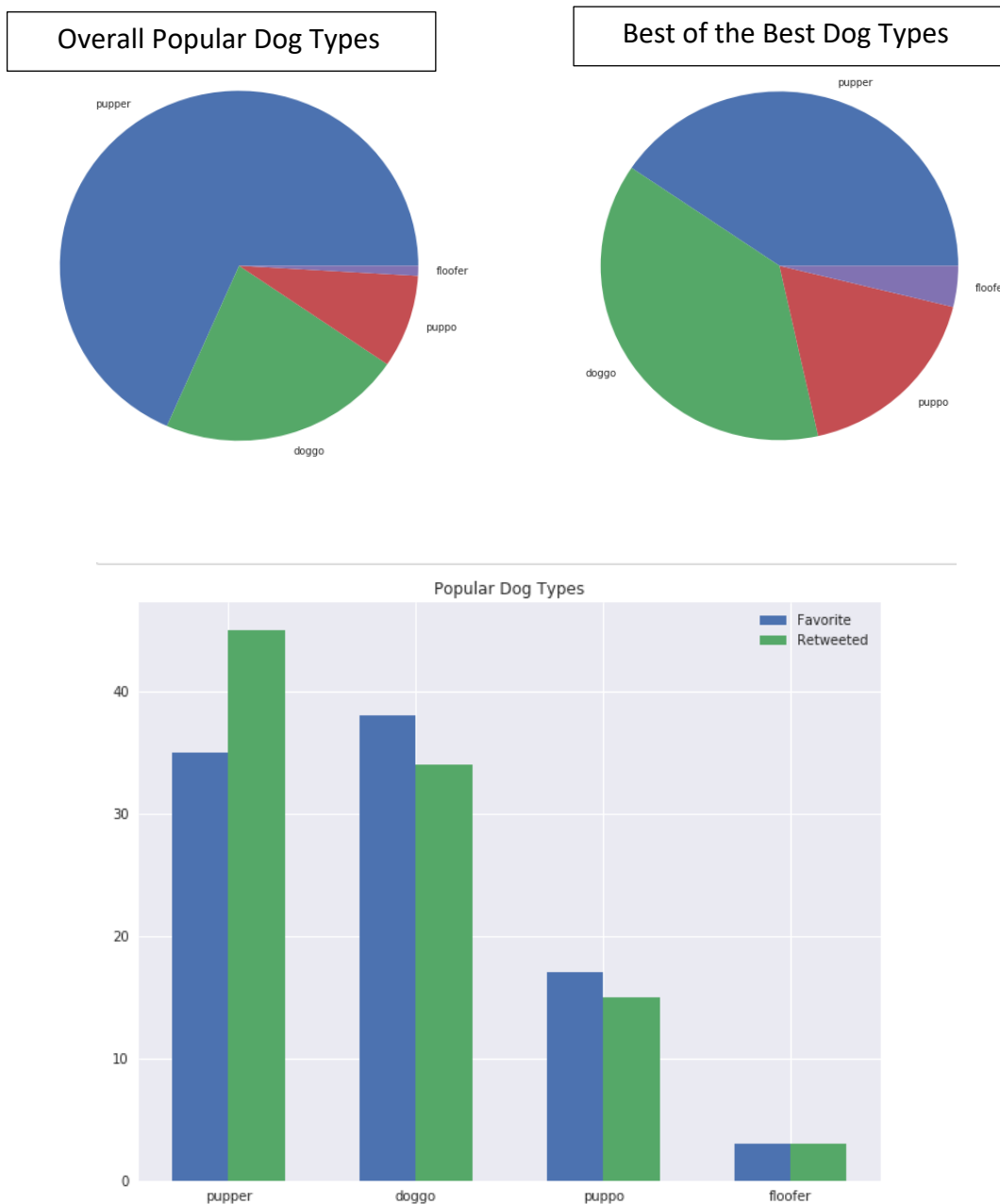
Based on my analysis the answer is probably not. I started my analysis by looking at the descriptive statistics of the total rating, retweets, and favorites. I could see that there were 3 possible outliers in the total ratings and removed them from the dataset. We can see that the median rating given by WeRateDogs is 1.05 and the top 25% are given 1.2 and above and the overall max is 1.4. When we compare this to the top 25% of retweeted and favorited tweets we see that mean is slightly higher (~1.2). However, 56% of the top rated tweets (tweets with a total rating over 1.2) that are not shown in the best of the best (top 25% in ratings, retweets, and favorites), which tells me that the rating is not closely related to the overall popularity of the tweet.



## Question 2: What is the most popular dog type?

Puppers are the most tweeted about dog type is the most popular overall. However, I didn't think this gave me the most in depth look at the dog types. I compared this to the 'best of the best' which is the top 25% of the retweets, highest rated, and favorited. It was interested to see that overall 'puppers' made up the vast majority of dog types overall but in the best of the best, doggo was the highest percentage of tweets.

Then looking at the top 25% by retweet and favorited, puppers were still the most retweeted but when you look at the favorited counts, we find that Doggo's are more favorited.



Question 3: What is the most popular dog name?

The most listed dog name is actually, None. Therefore, I filtered this 'None' out of my bar chart that I made and top the top 10 dog names are:

1. Charlie
2. Cooper
3. Oliver
4. Lucy
5. Penny
6. Tucker
7. Sadie
8. Winston
9. Lola
10. Toby

