

# We Rate Dogs

November 2020

A review of the We Rate Dogs twitter ratings [@dog\\_rates](#)

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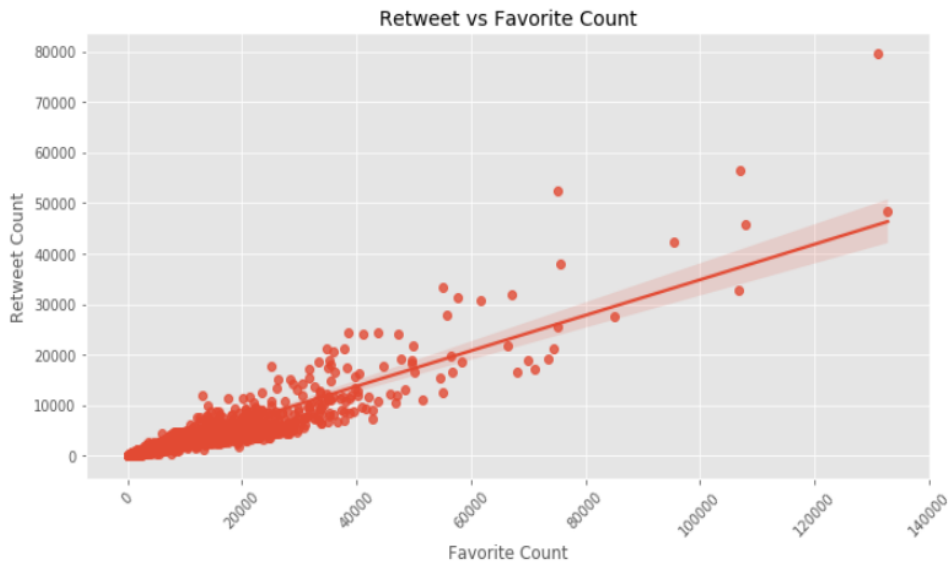
Ratings for the most popular dogs, things that are not dogs, and a look at our forgotten friends



By Michael Taverner

**In this article, we take a dive into the complex and statistically questionable world of the We Rate Dogs twitter page, to try and make sense of the ratings system.**

We Rate Dogs is a hugely popular Twitter account, filled with tweeted images of man's best friends, ratings, their stage of dog - Pupper, Puppo, Doggo and Floofer - and more!



## Retweets vs Favorites

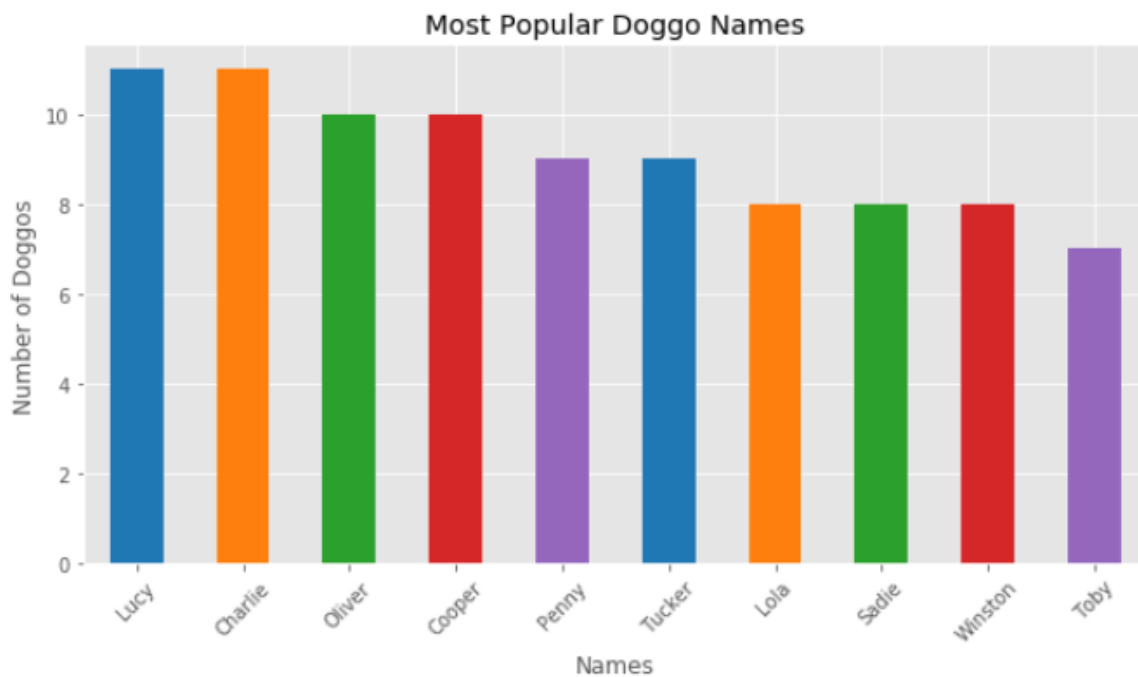
Retweets and favorites are a good indicator of the overall popularity of a given tweet – as such, it makes sense that we'd see a positive correlation between the two. Of the tweets analysed, it's clear that that's the case in this dataset.

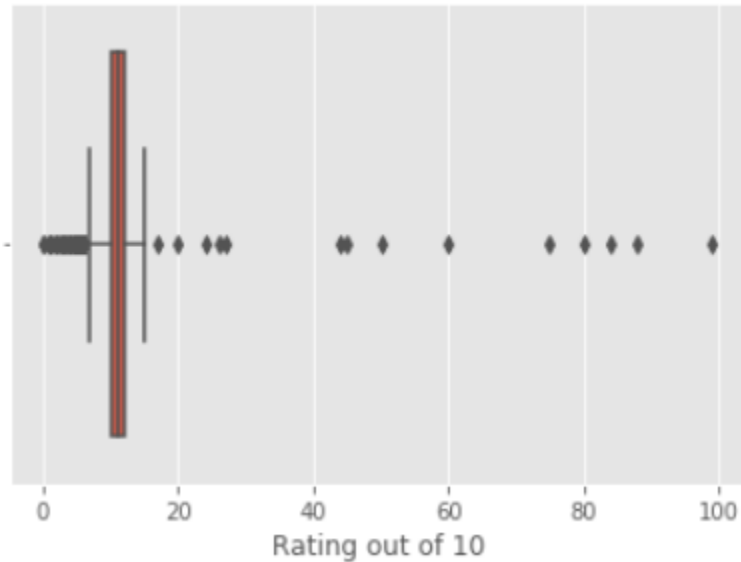
## Most Popular Doggo Names

### According to posters on We Rate Dogs - which names win?

According to the tweet data from We Rate dogs, I've assembled the top 10 most popular dog names in order of popularity. Lucy and Charlie come in at the top place, with 11 mentions each.

For every roughly two unit increase in favorites, we see a roughly 1 unit increase in retweets. The difference in scale could have multiple reasons, however logically it makes sense as retweets require a markedly higher commitment from the user.





## The Ratings - 0/10 - 1776/10

Statistically speaking, the ratings system over at We Rate Dogs is all over the place. But that's part of the charm. I took an in-depth look at the distribution of ratings and was not disappointed at what I found.

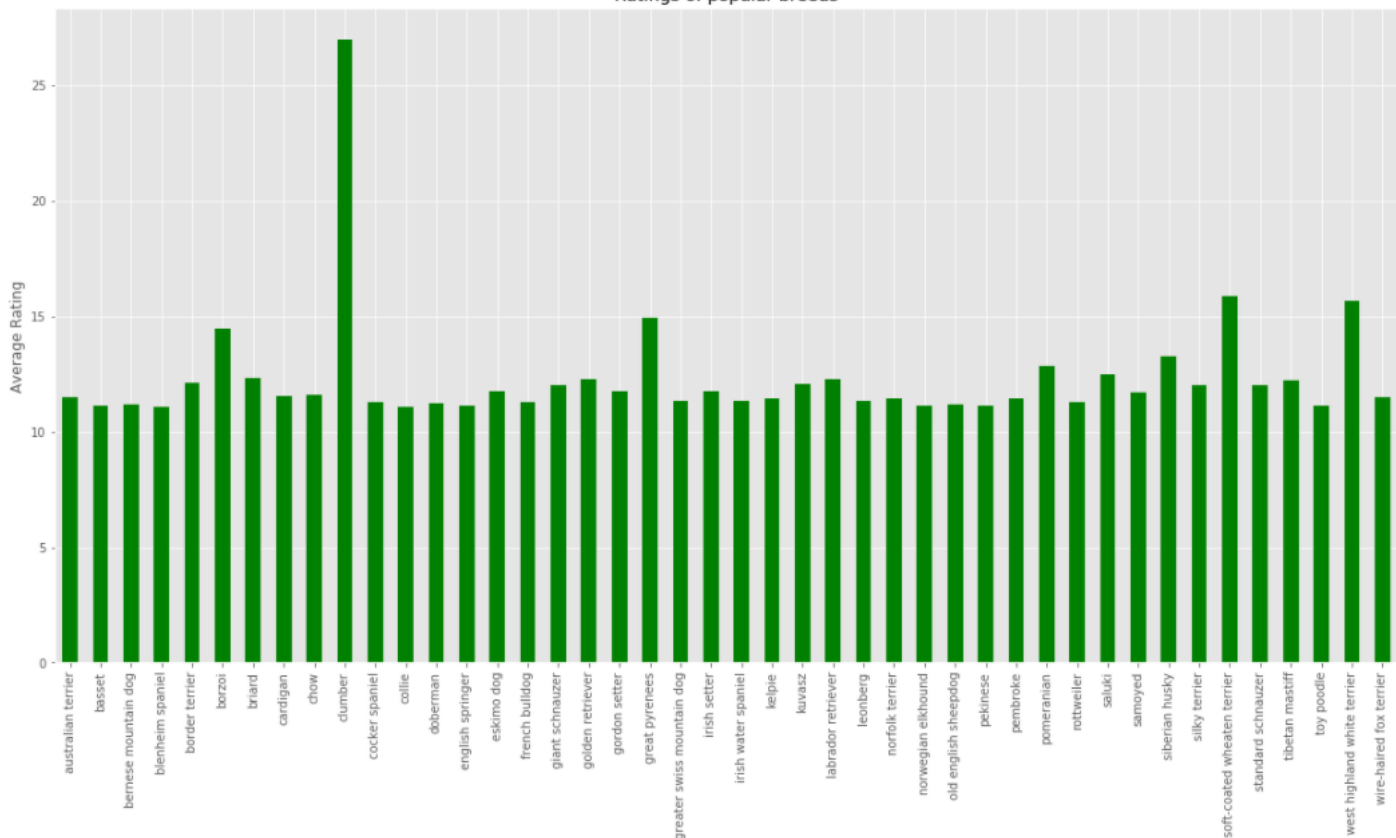
Even with some of the more hilariously extreme outliers removed, the distribution isn't exactly statistically... normal.

## Average Ratings by Breed

Next, I took a look at the average ratings of dog breeds who scored above the average of the whole dataset (when extreme outliers were removed). The Clumber spaniel was the clear winner here, with some honorable mentions to the Great Pyrenees, Soft Coated Wheaten Terrier and West-Highland White Terrier.

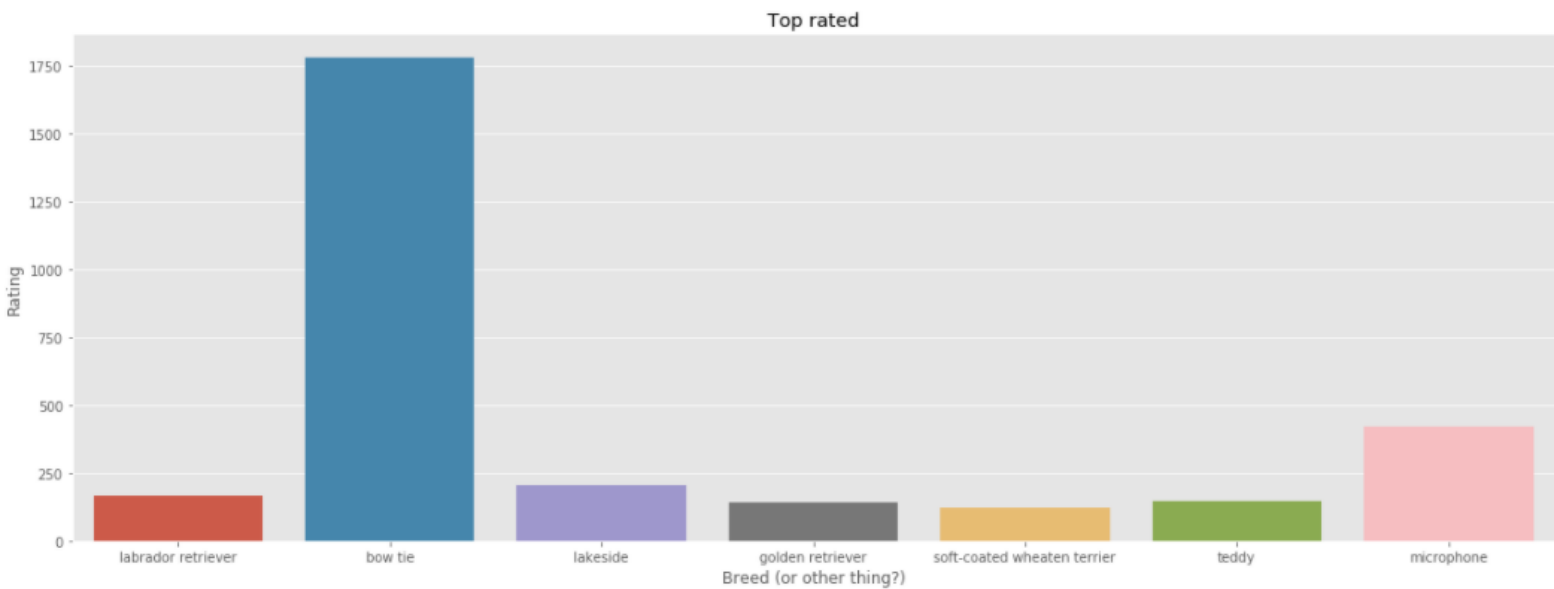


Ratings of popular breeds



# Top Rated Dog (or other thing?)

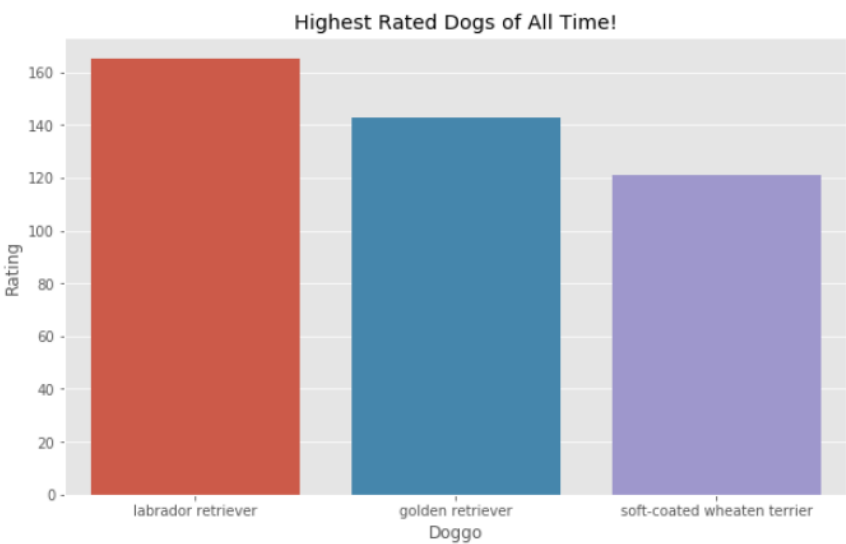
Disclaimer: An image recognition neural network was run on the images from these tweets to try to determine the breed of dog. Sometimes, if other objects were in the photo, the NN would consider that the key part of the image and label it as an inanimate object, like a bowtie or a microphone. Assuming there were indeed dogs in these photos, we'll assume that the addition of a bowtie that the NN latched onto was the cause of the stunningly high rating!



## Top Rated Actual Dog

Now for the top 3 actual dog breeds! To take advantage of We Rate Dogs' ridiculous rating's system, I selected the outlier data only for this part of the analysis - i.e. only those breeds with ratings of 100/10 or more.

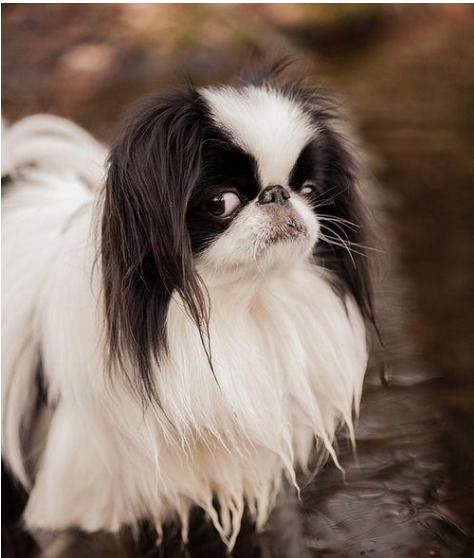
Labrador Retriever, Golden Retriever and Soft-Coated Wheaten Terrier came in the top three spots respectively.



# Our Forgotten Friends

Next up are the non-so-popular breeds. These are the dog breeds who, on average, scored less than the average for the entire dataset.

The Japanese Spaniel came in (somewhat unfairly) dead-last. It was one of the few with an average rating of below 10, wrapping up with an average rating for the breed of 5. Maybe his owner was having a bad day.



Ratings of our forgotten friends

