Insights from WeRateDogs Twitter Data

If you have a Twitter account and enjoy dog pictures, then you may already be familiar with WeRateDogs. This account posts daily cute pictures of dogs with a rating associated, which is always higher than 10 on a 10 scale. The last couple of days I have wrangled Twitter data from this account and have tried to answer three questions.

What is the distribution of ratings?

The highest rating is a whopping 1776/10 and the lowest is 0/10. But these are clearly outliers because the average rating is 11.70/10 and the median is 11/10.

Which breed is associated with the highest/lowest number of likes on average?

The Twitter data did not contain the breed of the dogs, but I did something cool! A friend of mine ran every image through a neural network that can classify breeds of dogs. I filtered the breed predictions by removing instances where something else than a breed of dog was given (yes it did happen, go figure) and by only including predictions with a confidence level higher than 75%. Well it turns out that the most liked breed on average is the Black-and-Tan Coonhound (left picture) while the one with the lowest number of likes on average is the Giant Schnauzer (right picture).

What is the average number of retweets for each dog stage?

For some of the tweets, the dog was attributed a category: pupper (younger dog), puppo (middle-aged), doggo (older dog) and floofer (dog with excess fur). I wondered how much each dog stage would be retweeted on average. Doggo is the winner with 7184 tweets on average, with Puppo and Floofer second and third with 6489 and 4353 retweets on average, respectively. Pupper is last with 2390 retweets.

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