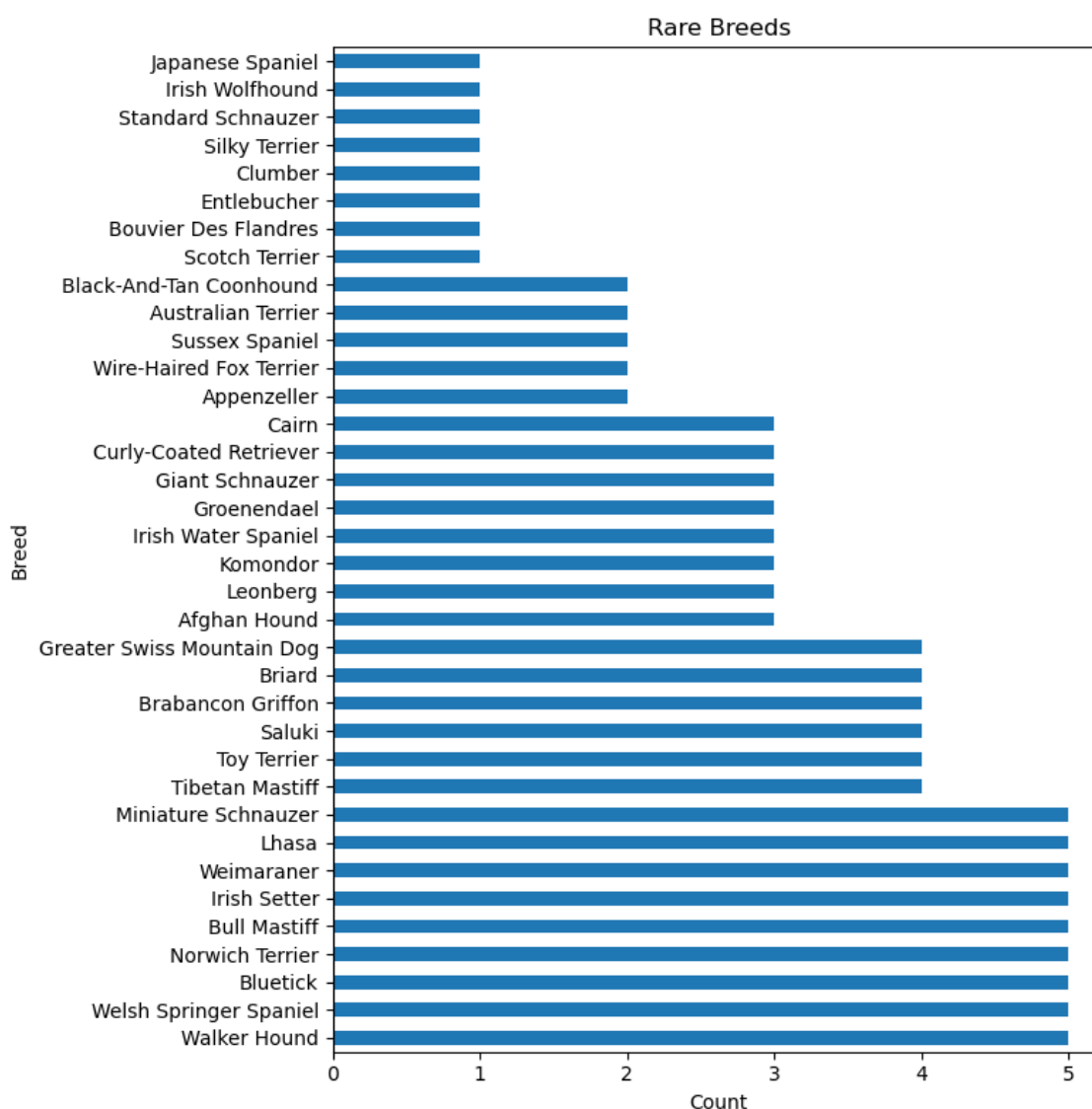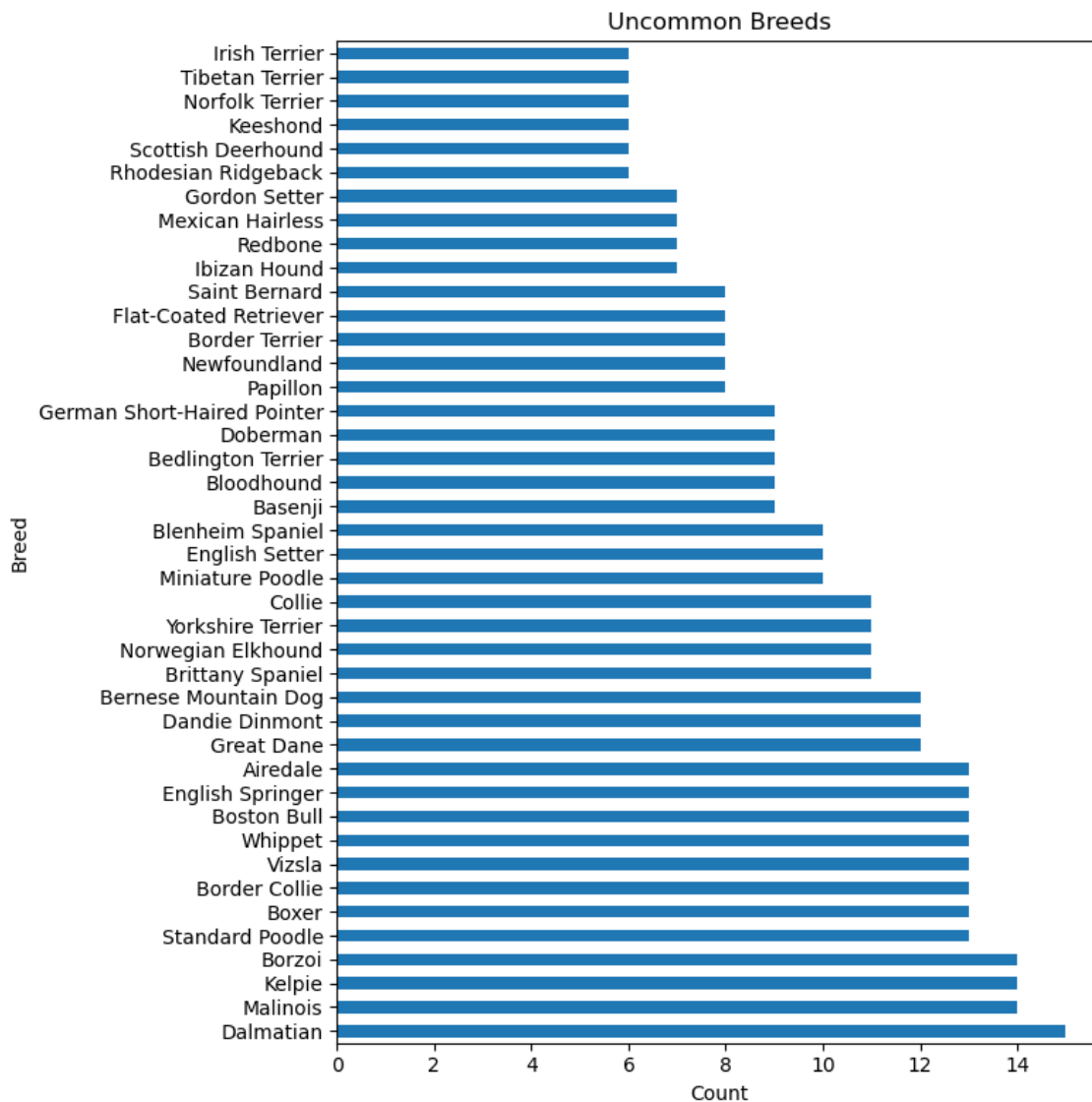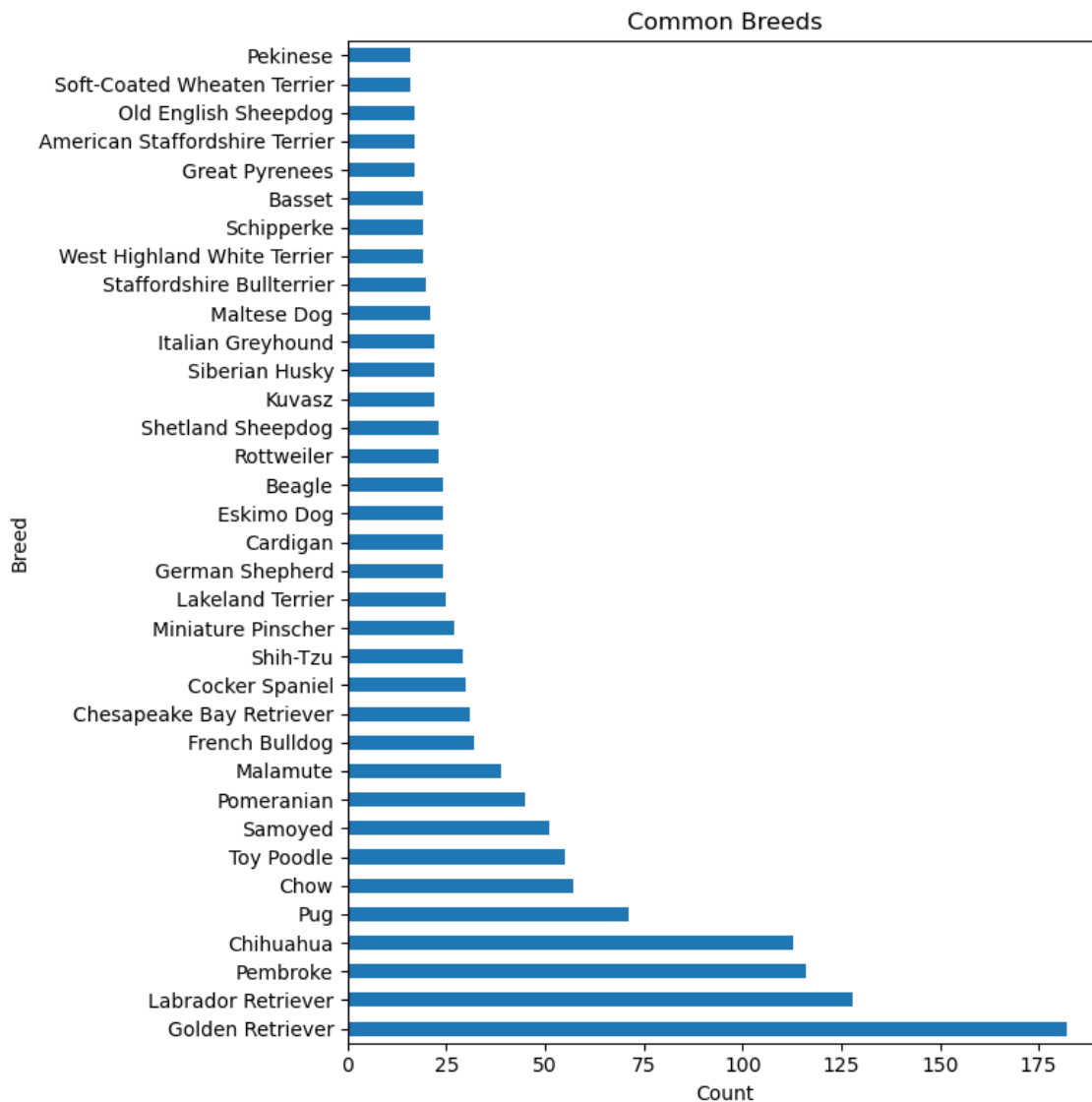The WeRateDogs community's mission statement is "to celebrate good dogs by sharing their stories, improving their lives, and helping the ones who need us most". Their Twitter account (@dog_rates) acts as a forum for community members to share and discuss good dogs. Starting in 2015, their Twitter following is now more than nine million in 2023. In this report, I wrangled a subset of Twitter posts from November 2015 to August 2017 to investigate trends in community posts. I ask the following questions: what dog breeds are commonly or rarely shared, how does commonality of dogs affect ratings, and what is the behavior of community interaction over time?

What dog breeds are commonly or rarely shared?

A portion of the gathered dataset included image predictions for photos included in Twitter posts. I divided the image predictions into three groups, Rare Breeds (N<=5), Uncommon Breeds (5<N<=15), and Common Breeds (N>15). Below are three figures showing which breeds fall into each group.
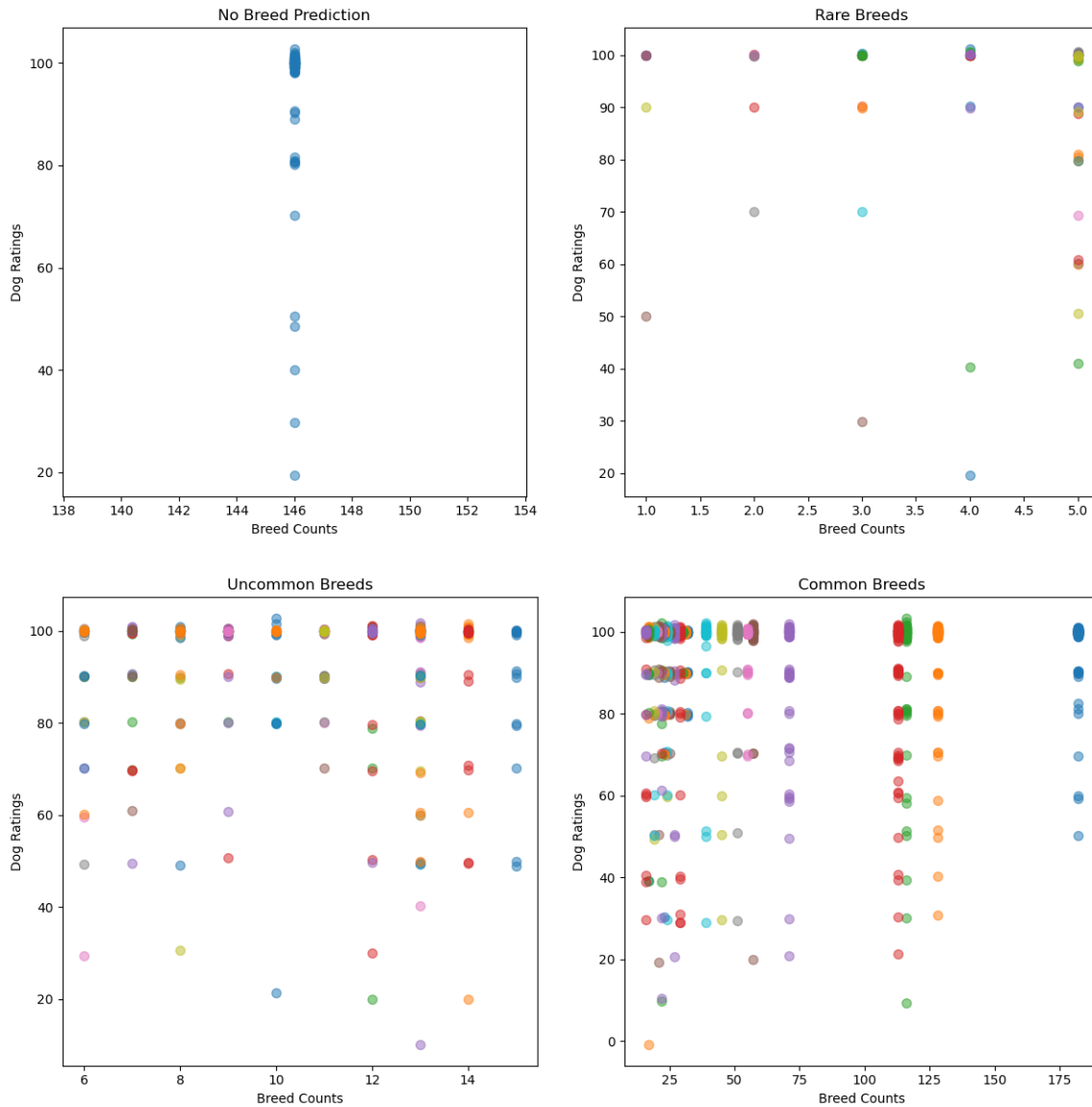
Uncommon Breeds

Common Breeds

How does the commonality of dogs affect ratings?

Using the groups in the previous question I looked into the spread of ratings of each group. I included 146 ratings for posts that had no image prediction. Although rare breeds are inherently undersampled, the commonality of breeds appears to be associated with a lower rating average.

What is the behavior of community interaction over time?

From the two years of twitter activity, the Retweet count appears to remain constant while the favorite count gradually increases. Ratings also increase on average with time.

Twitter Activity

Rating Activity