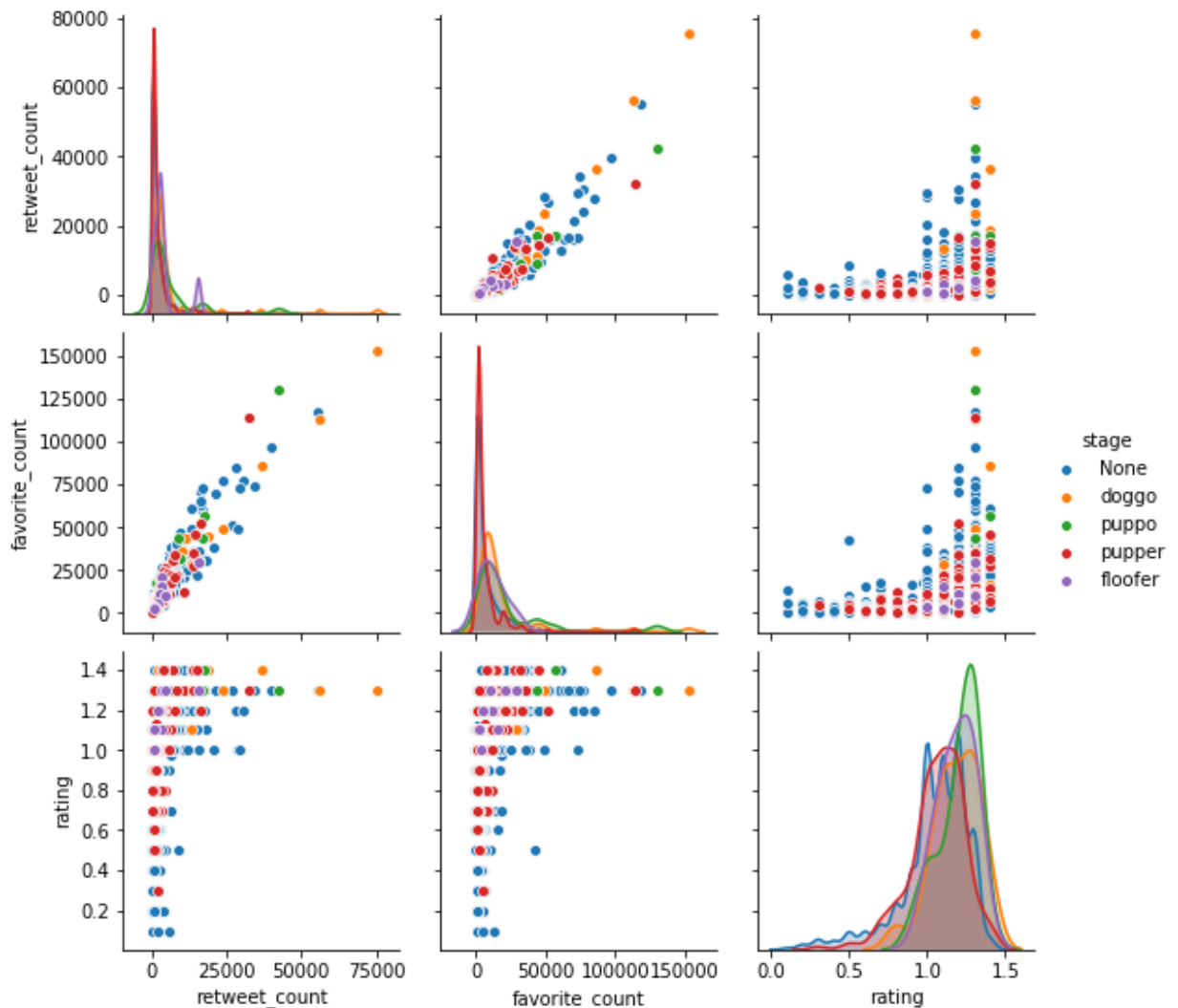Dogs are our friends. The Twitter account, @WeRateDogs, shares images of dogs and gives them ratings. I gathered the tweet data containing information about ratings, breeds, and life stages of dogs tweeted by @WeRateDogs.

After analyzing the dataset, I found that, consistent to the unique rating system (https://knowyourmeme.com/memes/theyre-good-dogs-brent), majority of the ratings are between 1.0 and 1.5. I generated a series of scatter plots to visulize the relationship between three variables: number of retweets, number of favorites, and rating. There are moderate positive correlations between nunmber of retweets and rating, as well as number of favorites and rating. In most cases, higher rating corresponds with more retweets and favorites. Among four stages of dogs, puppo received the highest rating and most favorites. Among all the breeds tweeted by @WeRateDogs, clumber received the highest rating and Bedlington_terrier received the most favorites and retweets.

The pairplot used to study the correlation among retweet_count, favorite_count, and rating is shown below:

In [4]:
```
1  %%html
2  <img src='Pairplot.png'>
```

This dataset provides insights on the behavior of Twitter users towards dogs in terms of retweet and favorite. However, most of the tweets don't have stage of dogs classified, reducing the statistical significance of results related to stage. Further analysis on this dataset with more information determined is required.