# WeRateDogs - Visualisation


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1. Introduction

I present visualisation of the analysis done in the project WeRateDogs. Two methods of approach were used: Aggregation and Mean values of favorite_count, retweet_count and rating_numerator.

First and foremost, ranking was done using both approaches and then top six dog breeds were selected, represented in two-dimensional bar chart, by orienting on these variables. Thereafter, two top breeds are selected and the first three highest ranking dogs within the selected dog class displayed.

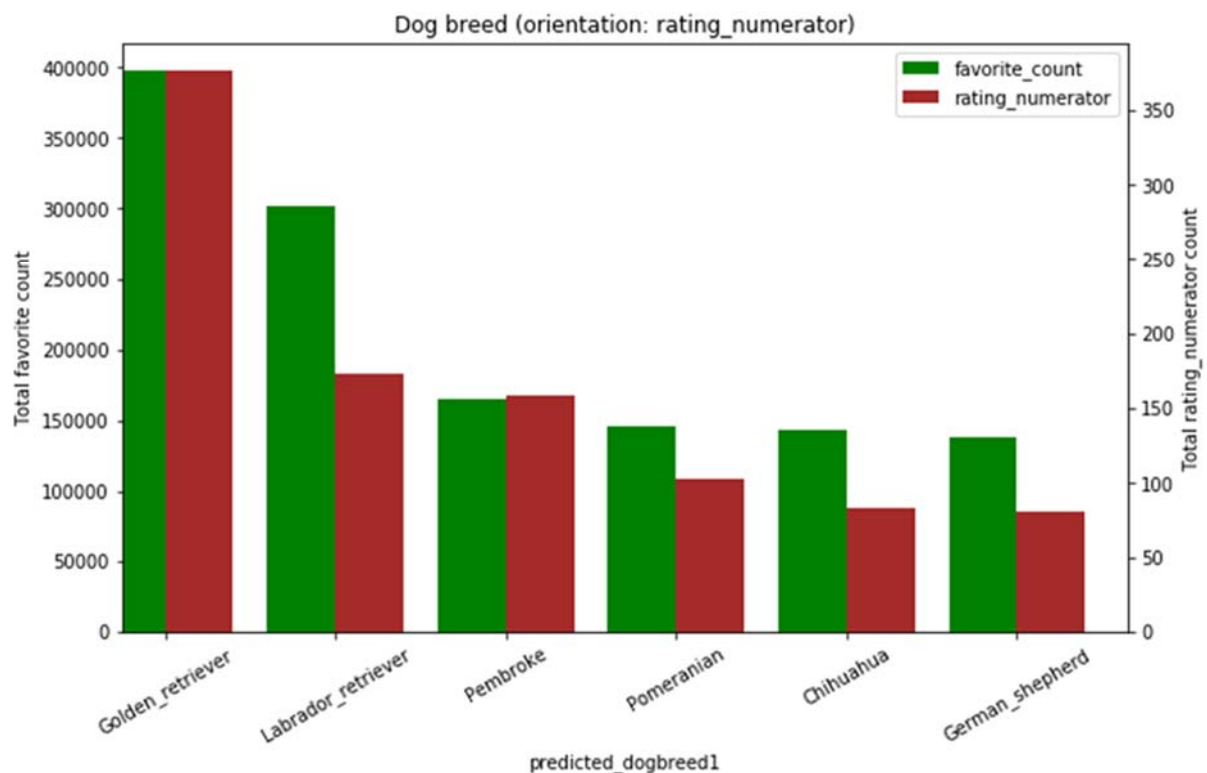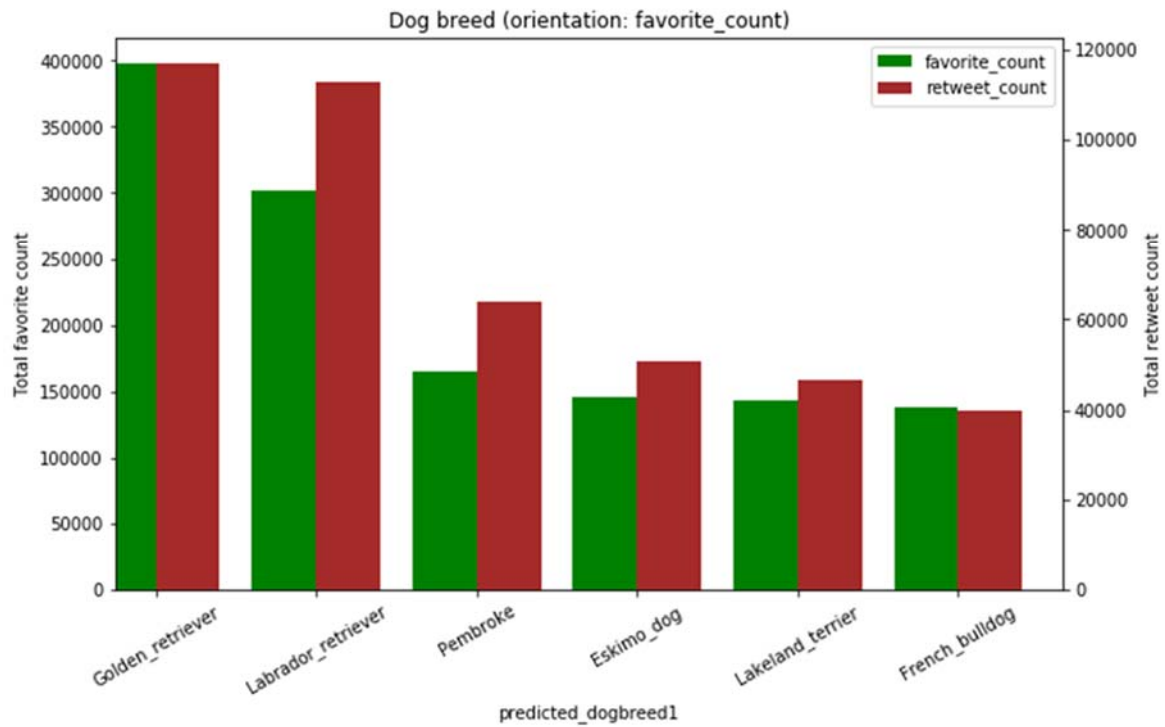## 2. Relationship between Rating_numerator, favorite_count and retweet_count
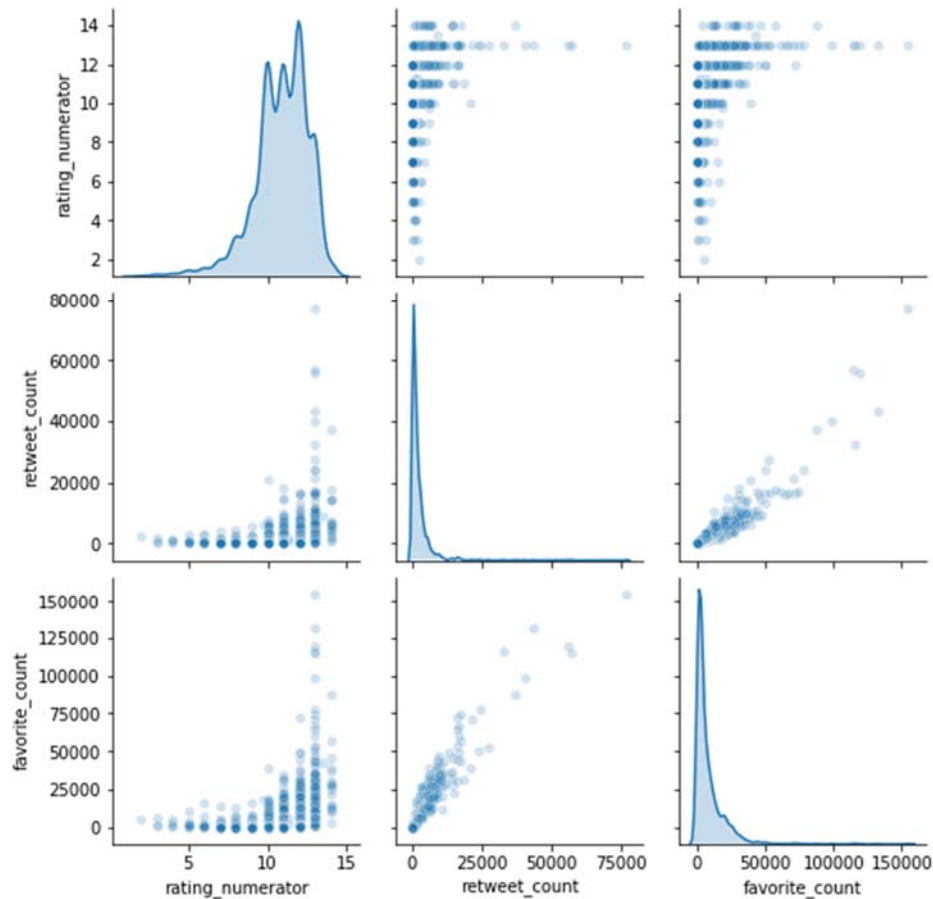
3. Distribution of the dog class
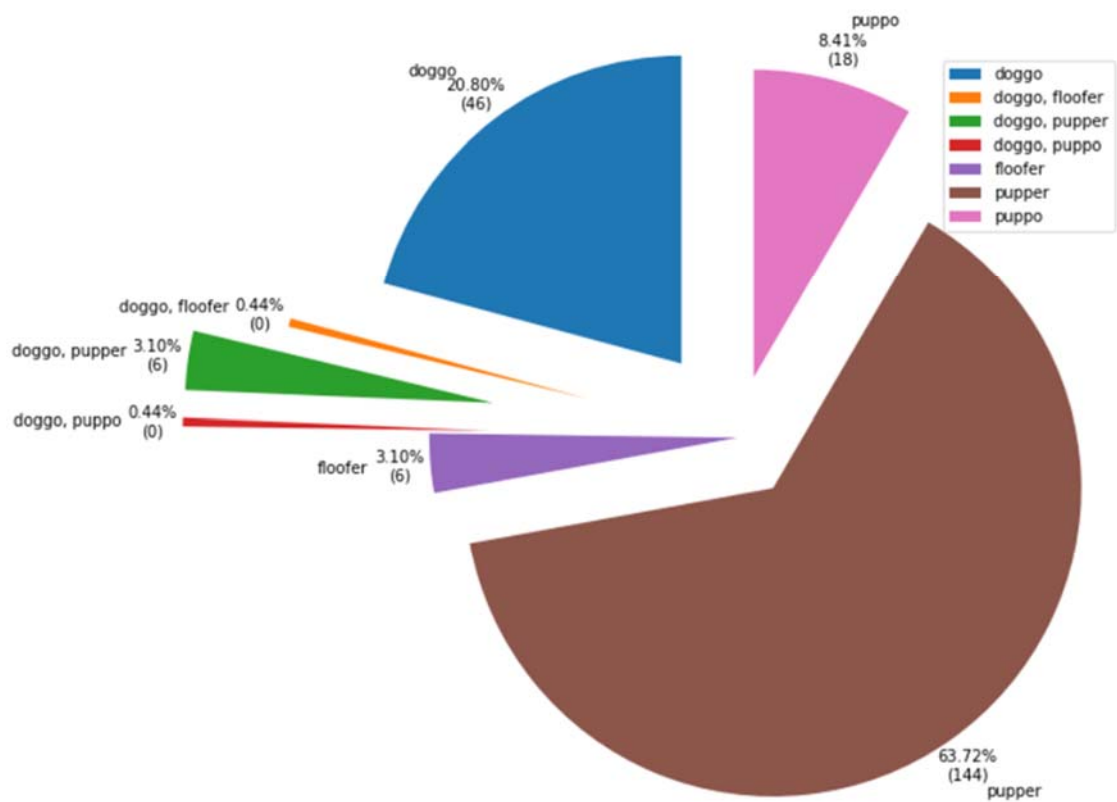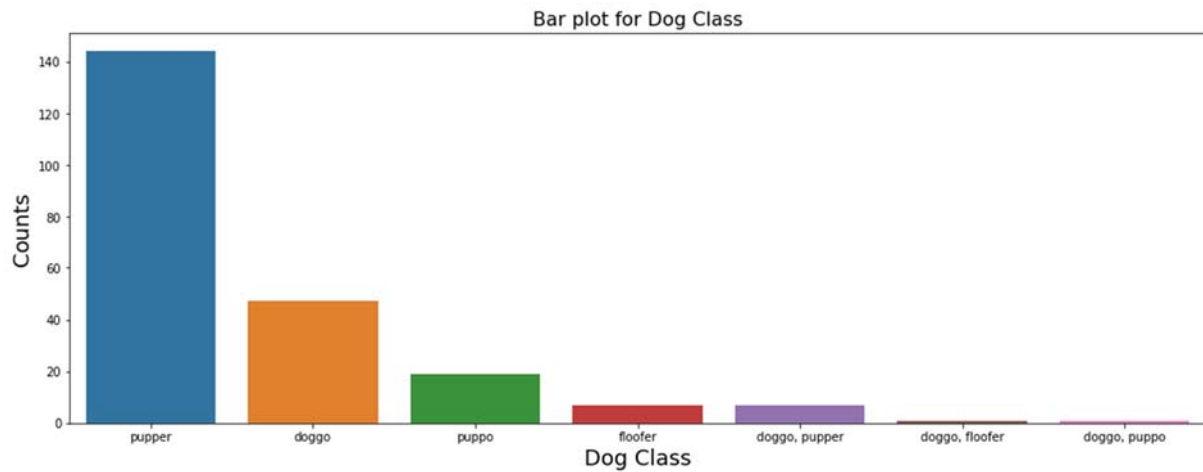
4. Visualization of within-breed-selection und between-orientation-selection

Method 1: Aggregation

Dog breed (orientation: favorite_count)

Dog breed (orientation: rating_numerator)

Selection 1: Golden-retriever

favorite_count and retweet_count

Same ranking by favorite_count and retweet_count

rating_numerator

Conclusion:

- same dog breed and same first three dogs selected in the same order within Golden_retriever (favorite_count and retweet_count)
- different dogs selected within the Golden_retriever (rating_numerator).

Selection 2: Labrador_retriever
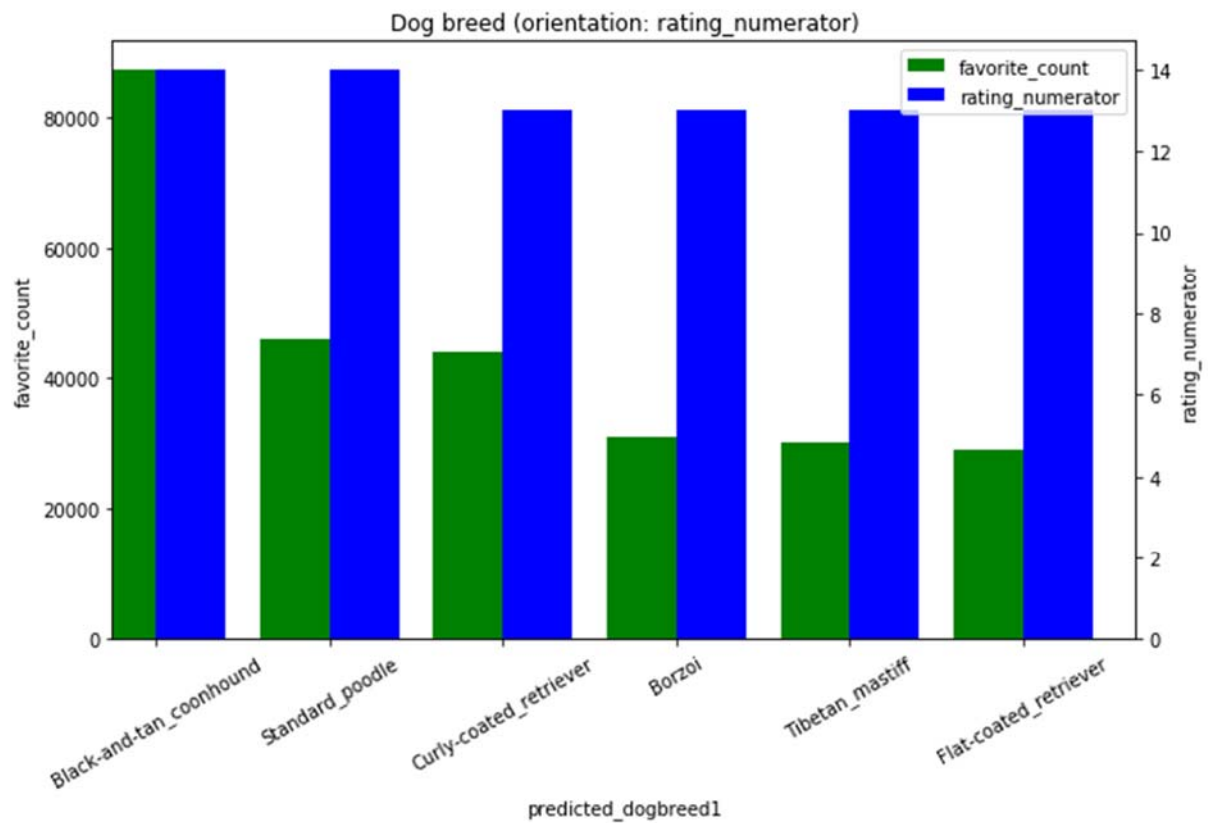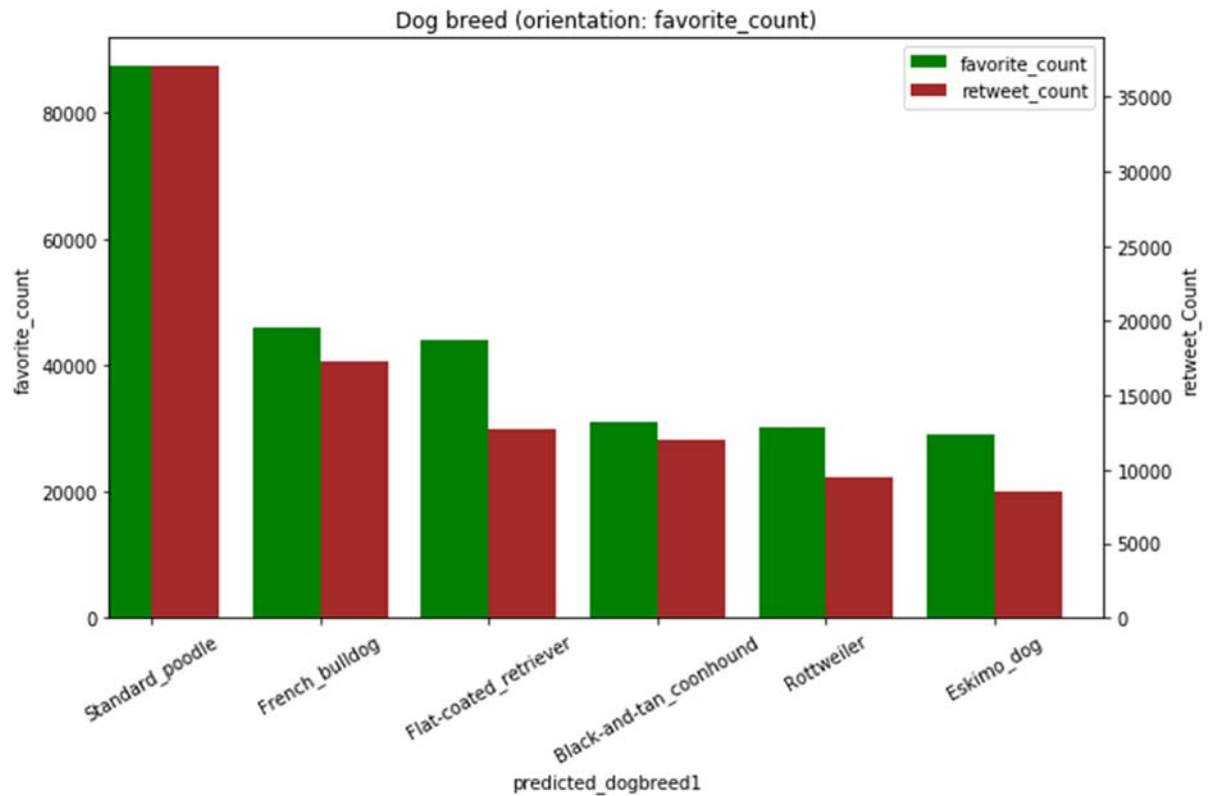
a) Favorite_count
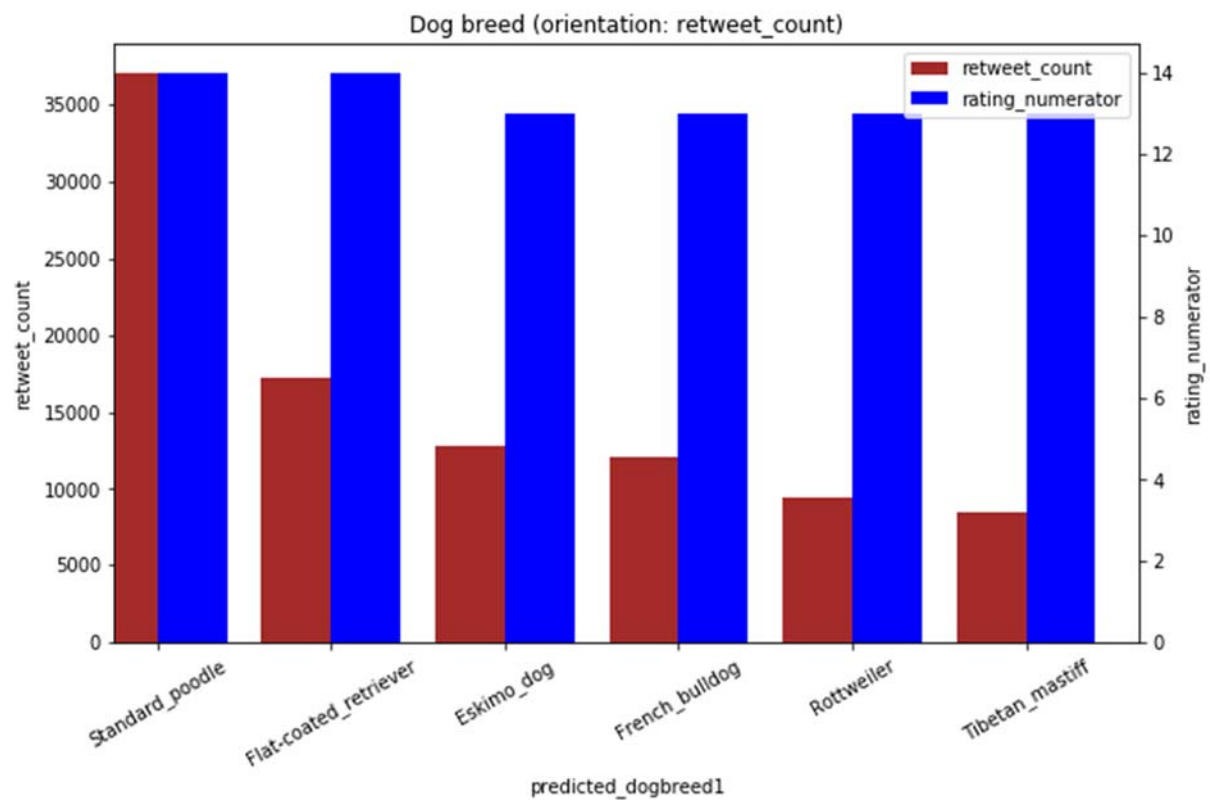

b) Retweet_count

c) Rating_numerator

Conclusion:

- same dog selected in first position by all orientations
- same dogs selected in positions one and three by favorite_count and retweet_count
- different dogs selected by rating_numerator in positions 2 and 3

Method 2: Mean values

Dog breed (orientation: favorite_count)

Dog breed (orientation: rating_numerator)

Dog breed (orientation: retweet_count)

Selection 1: Standard_poodle

a) Favorite_count

b) Retweet_count

c) Rating_numerator

Conclusion:

- same dog selected in first position by all orientations
- same dogs selected in positions two by favorite_count and rating_numerator
- same dogs but positions 2 and 3 are switched by favorite_count and retweet_count

2. Selection: Flat_Coated_retriever

Conclusion:

- same dogs selected in the first, second and third positions by all orientations (favorite_count, retweet_count and rating_numerator)