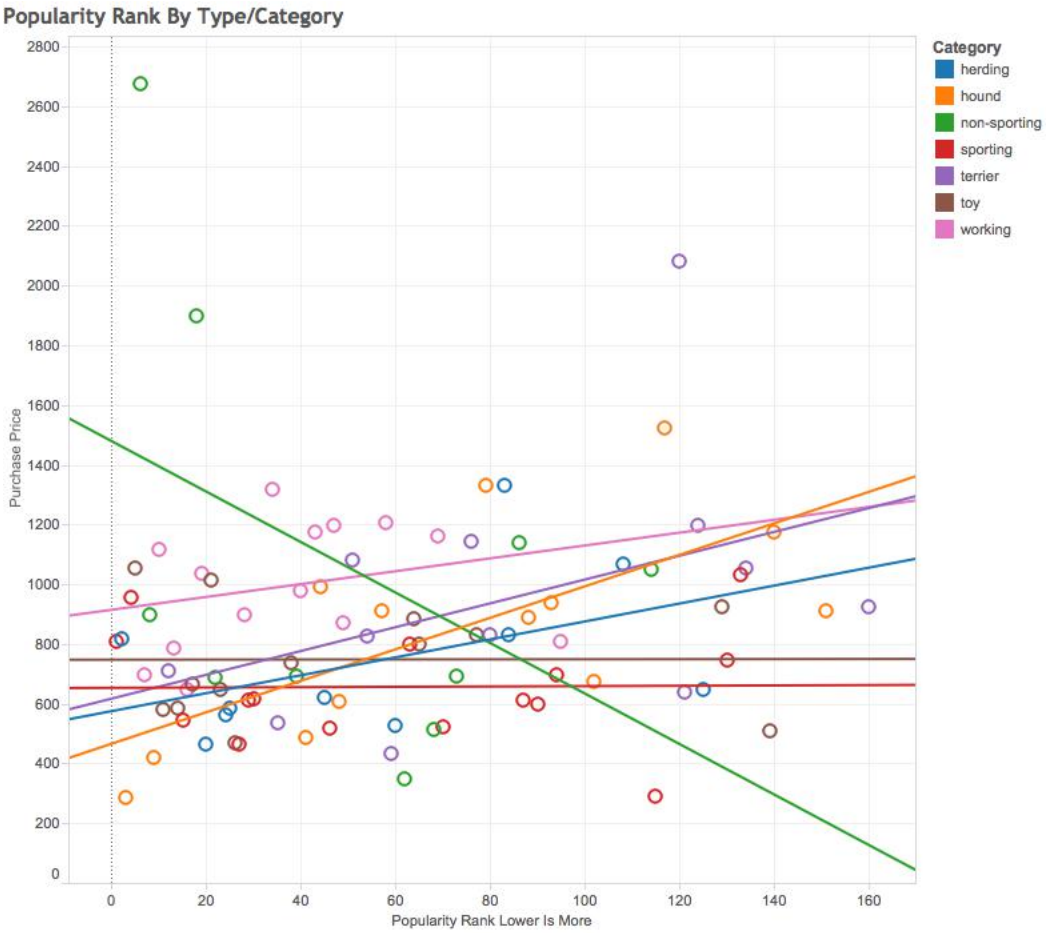
Bill Chambers EDA-Prep

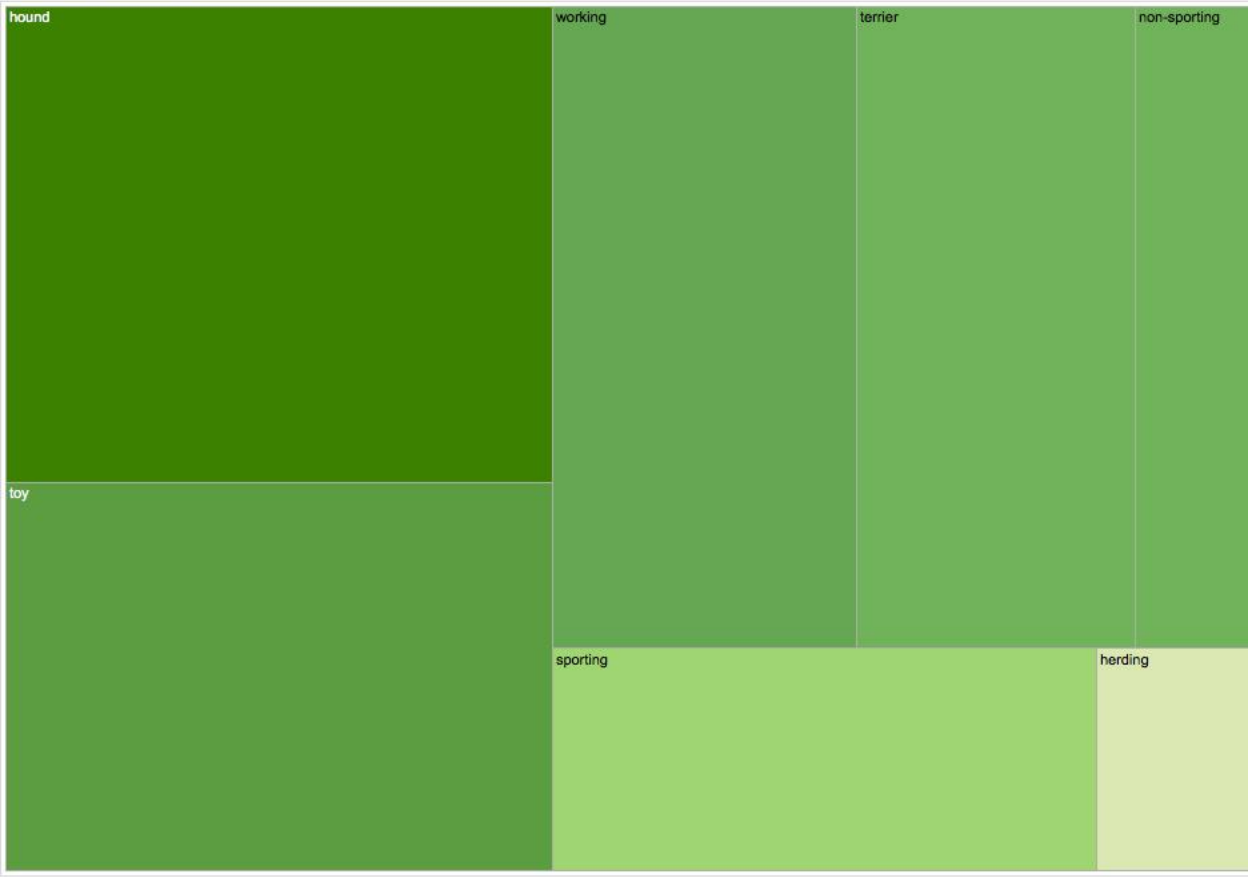


Sum of Popularity Rank Lower Is More vs. sum of Purchase Price. Color shows details about Category. Details are shown for Dog breed.

1.

- We can see that there is no solid correlation.
- There are outliers that we can exclude or include (like the bulldog).
- There is some basic trend towards price and popularity (except for the bulldog).

Trainability vs Not

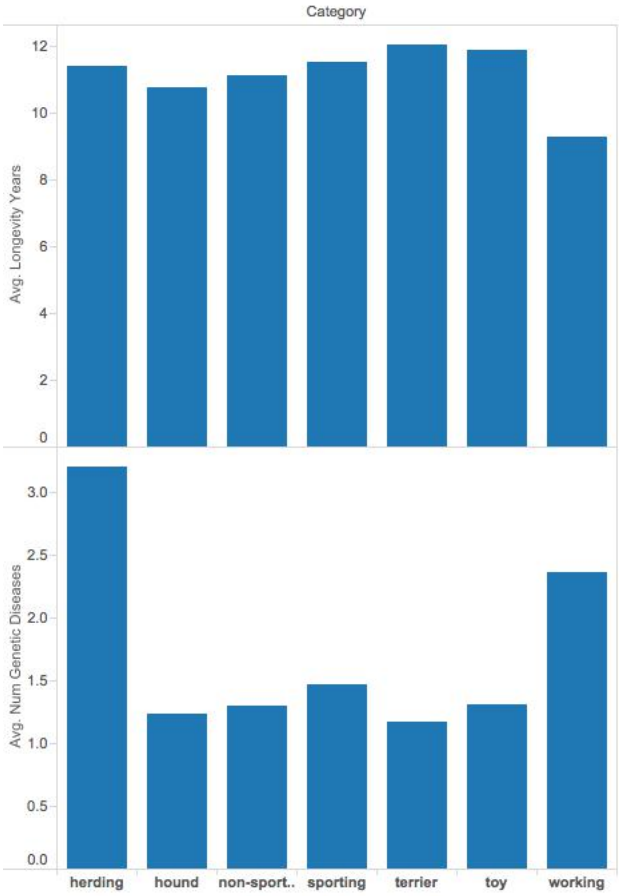


Category. Color shows sum of Trainability Lower Is Better. Size shows sum of Trainability Lower Is Better. The marks are labeled by Category.

2.

- The larger box and deeper great means that they are less trainable. I chose to reinforce with color and size to m

Longevity + Category

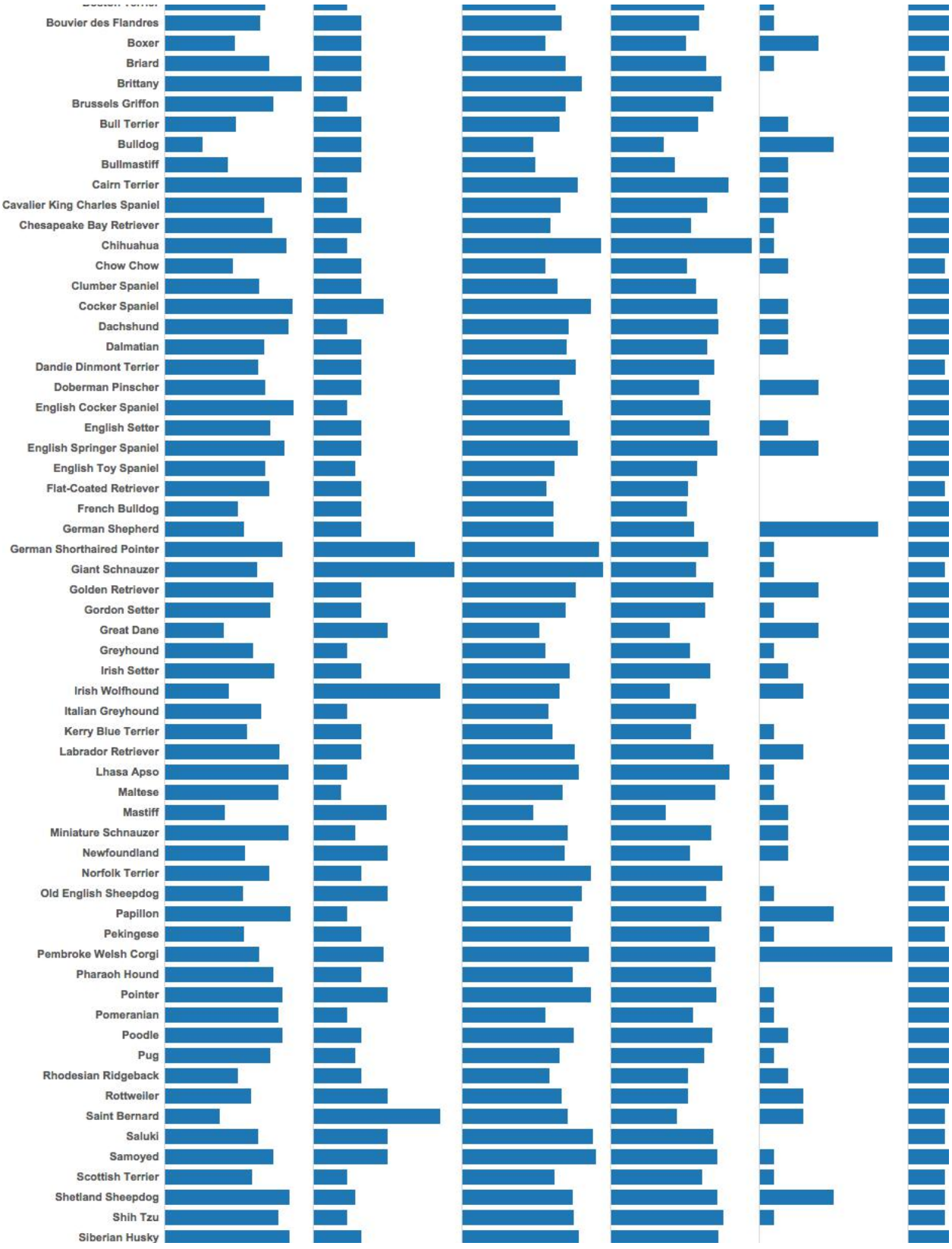


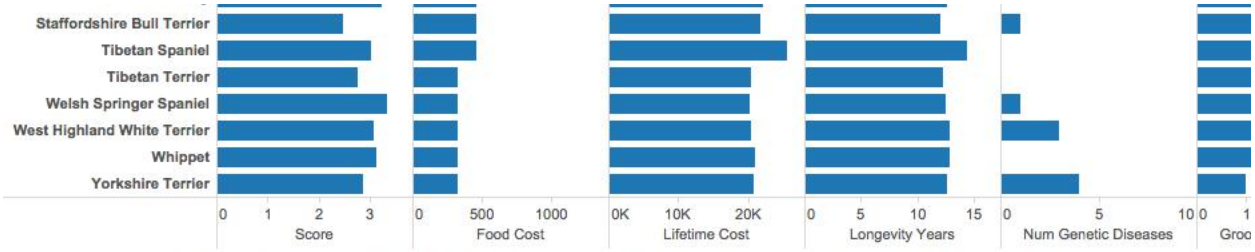
Average of Longevity Years and average of Num Genetic Diseases for each Category.

3.

- Shorted average: is working dog while the longest is terrier.

Side by Side

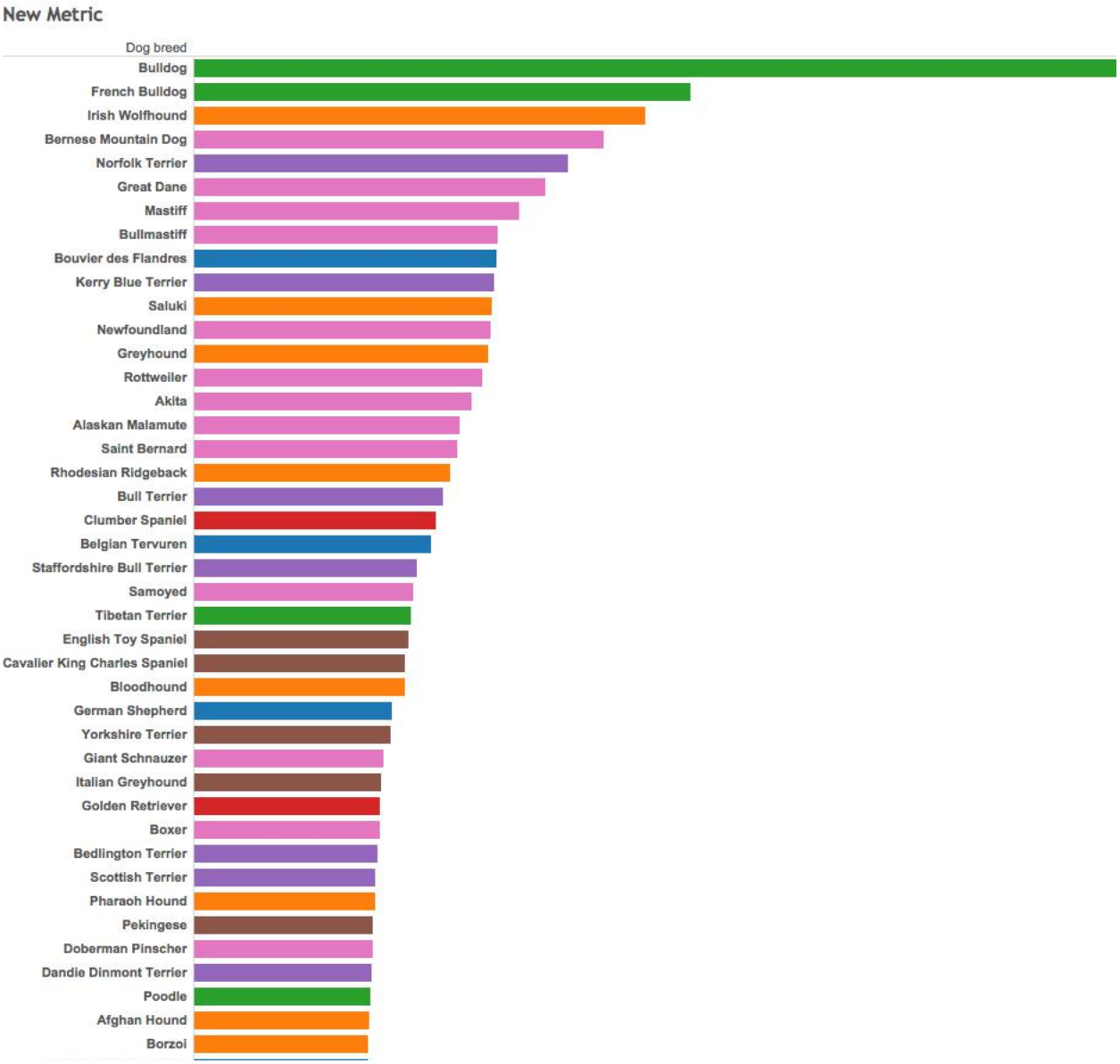

Bouvier des Flandres
Boxer
Briard
Brittany
Brussels Griffon
Bull Terrier
Bulldog
Bullmastiff
Cairn Terrier
Cavalier King Charles Spaniel
Chesapeake Bay Retriever
Chihuahua
Chow Chow
Clumber Spaniel
Cocker Spaniel
Dachshund
Dalmatian
Dandie Dinmont Terrier
Doberman Pinscher
English Cocker Spaniel
English Setter
English Springer Spaniel
English Toy Spaniel
Flat-Coated Retriever
French Bulldog
German Shepherd
German Shorthaired Pointer
Giant Schnauzer
Golden Retriever
Gordon Setter
Great Dane
Greyhound
Irish Setter
Irish Wolfhound
Italian Greyhound
Kerry Blue Terrier
Labrador Retriever
Lhasa Apso
Maltese
Mastiff
Miniature Schnauzer
Newfoundland
Norfolk Terrier
Old English Sheepdog
Papillon
Pekingese
Pembroke Welsh Corgi
Pharaoh Hound
Pointer
Pomeranian
Poodle
Pug
Rhodesian Ridgeback
Rottweiler
Saint Bernard
Saluki
Samoyed
Scottish Terrier
Shetland Sheepdog
Shih Tzu
Siberian Husky

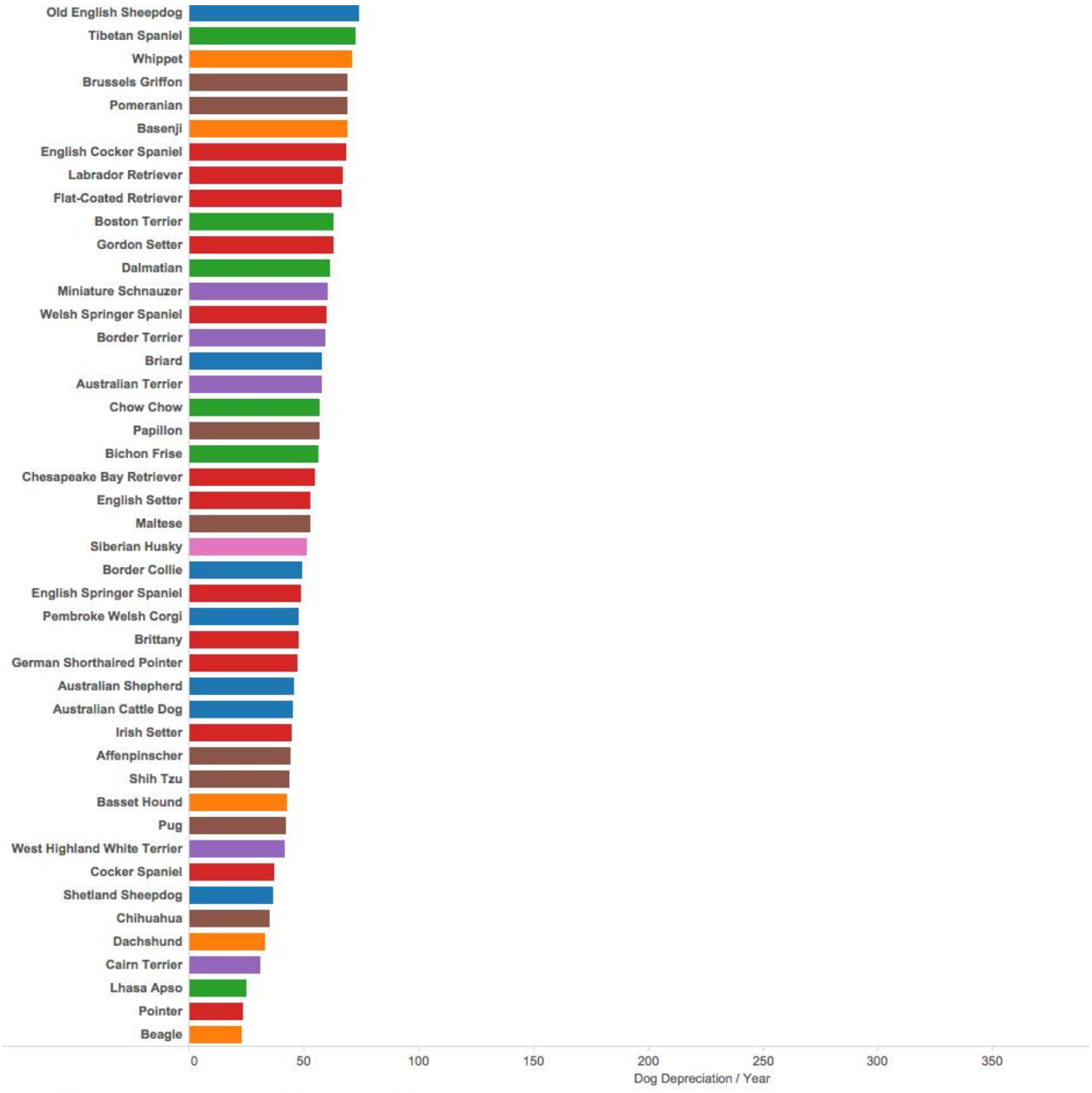


Sum of Score, sum of Food Cost, sum of Lifetime Cost, sum of Longevity Years, sum of Num Genetic Diseases and sum of Groom Every X Weeks for each Dog breed.

4.

- It matters what you are trying to do. It certainly feels like an interesting way to analyze a lot of dogs as you can s between certain features of the dogs. It'd be nice to do that "maintained sort" that we talked about in class but I





Sum of Dog Depreciation / Year for each Dog breed. Color shows details about Category.

5.

- My metric is purchase price cost depreciation per year, going off of purchase price and the expected life span o losing per year (colors are the categories of breeds). Bulldogs are not a great value, it seems.