

Assessing Potential Dog Bites:

Are certain dogs more dangerous than others?



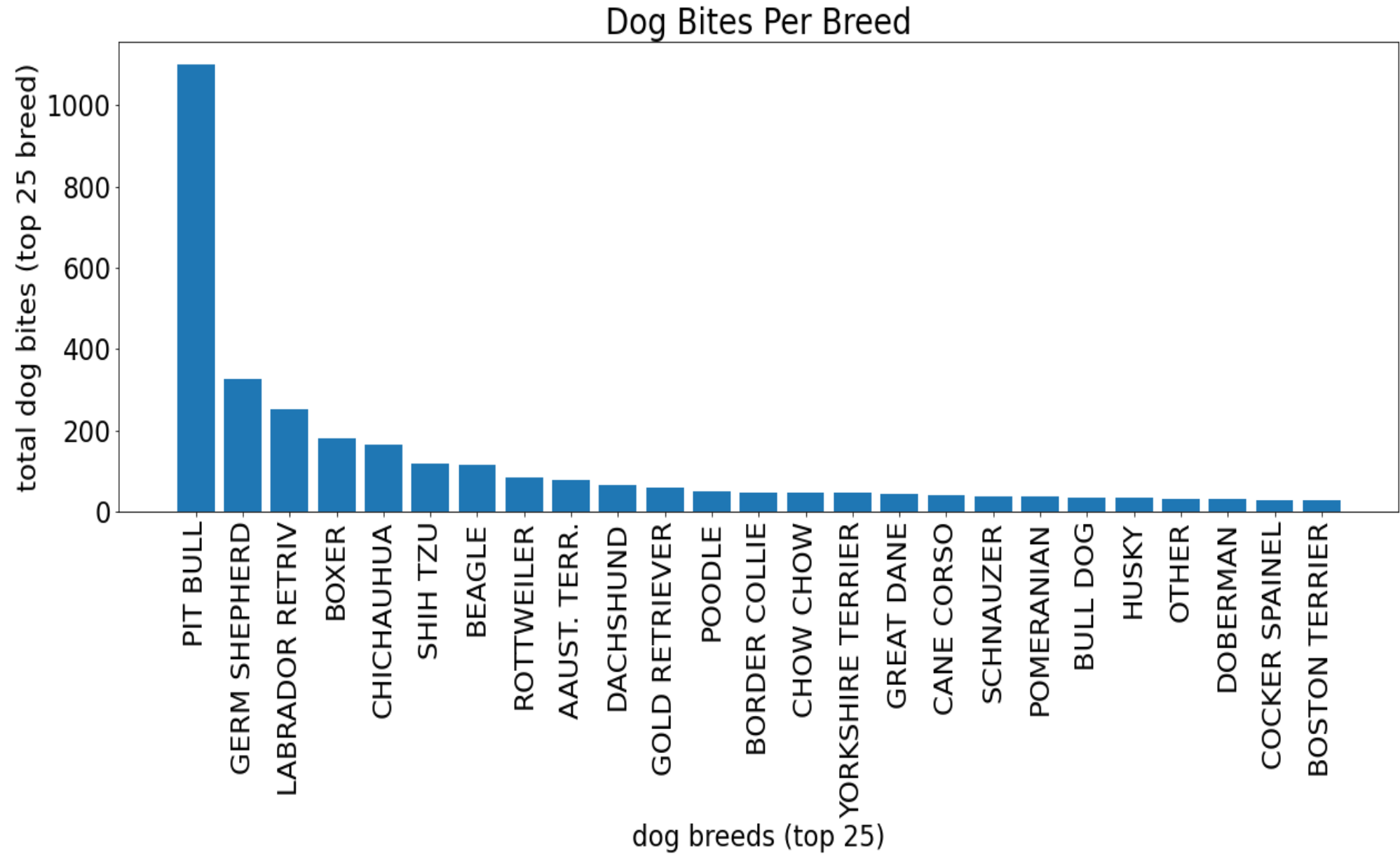
<https://www.devaughnjames.com/blog/has-your-child-been-a-victim-of-a-dog-bite/>



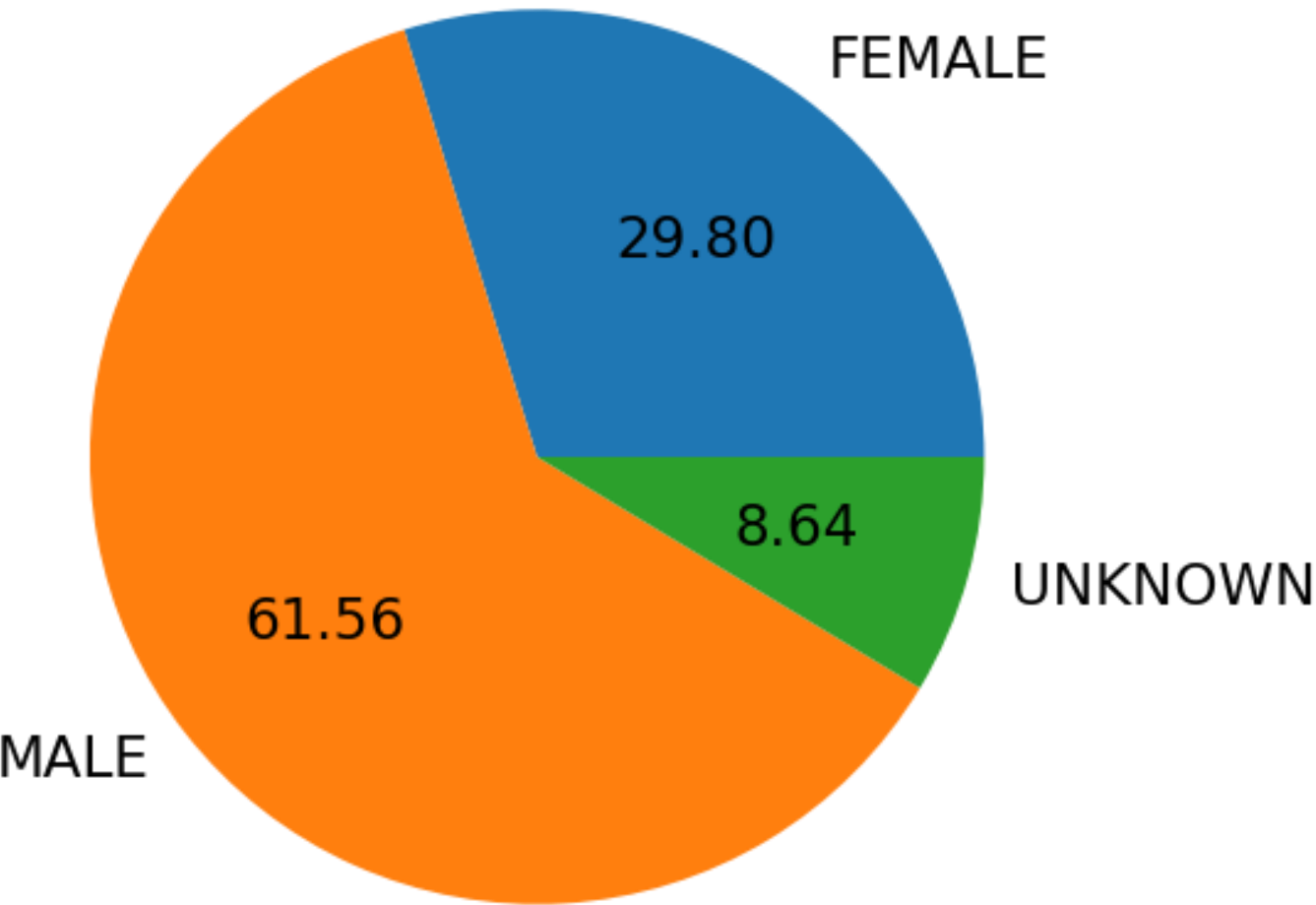
<https://www.petinsurance.com/healthzone/ownership-adoption/pet-ownership/pet-behavior/why-dogs-bite-kids/>

What features are important to avoid when selecting a domestic dog as a pet?

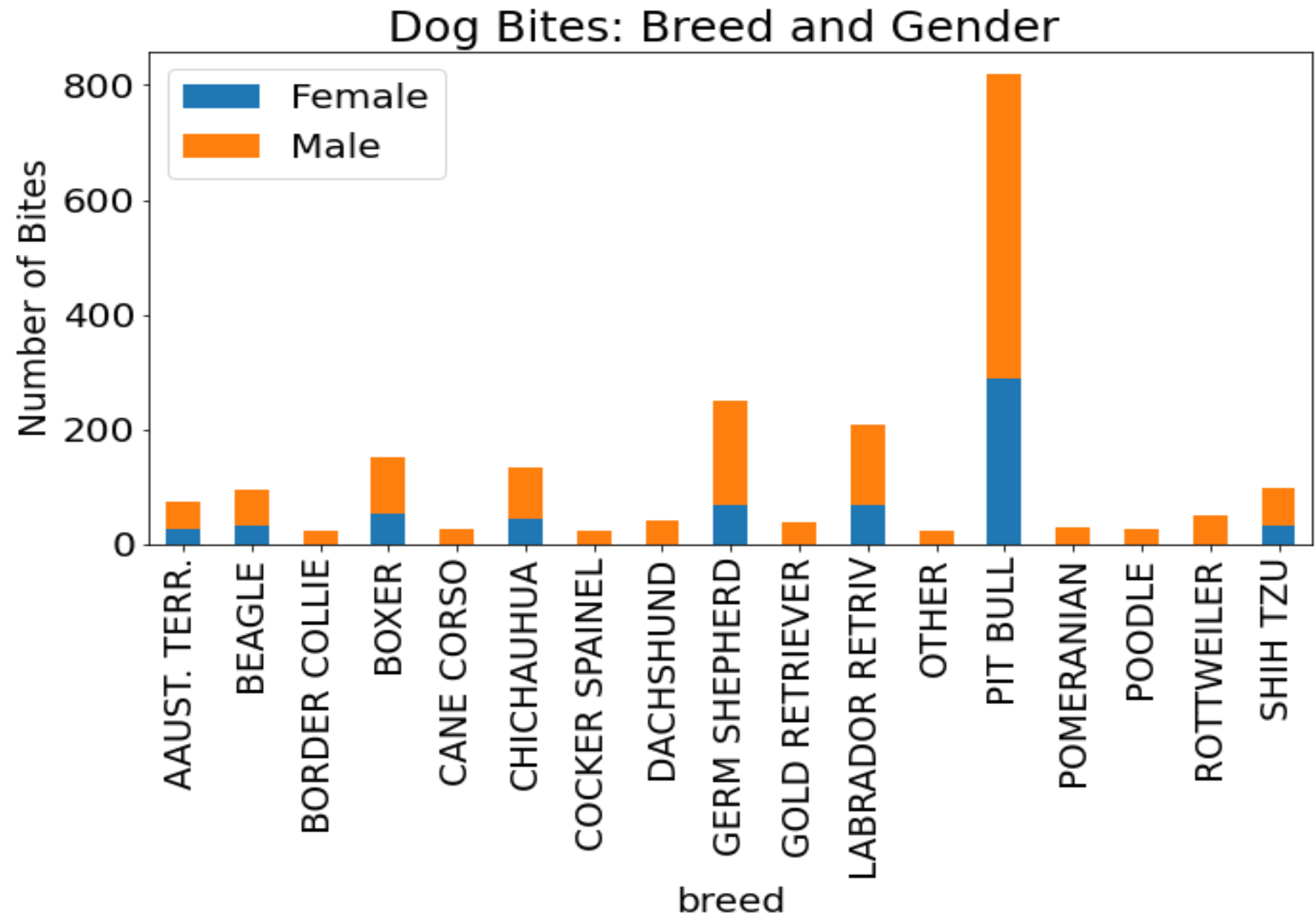
- Hundreds of dog breeds, hybrids available as domestic pets
 - Dog bites can cause bodily harm, infection, disease, community danger
 - Choice in dog breed, sex may have health, safety consequences
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- Data Source: Kaggle “Animal Bites” dataset (<https://www.kaggle.com/ratatman/animal-bites>)
 - Over 9000 records of animal bites near Louisville, KY between 1985-2007



- Top 5:
- Pitbull
 - Ger-Shephard
 - Lab-Retriever
 - Boxer
 - Chihuahua



Male to Female ratio >2:1



All breeds in top of list are dominated by males doing the biting

What features are important to avoid when selecting a domestic dog as a pet?

- Pit bulls are the most prevalent breed for dog bites
- Medium-Large dog breeds dominate the ten most prevalent dog breeds
- Male dogs bite more often than females
- Small dogs (e.g. Chihuahuas and Shih Tzus) still bite
- Male pit bulls seem to be the most likely dog to bite – avoid as pets

