



Animal Shelter Data Visualization

Case Study:
City of Long Beach,
Los Angeles

Project by: Haruka Kozen
12th Sept 2023



Hello human!

I am a white dog

aged 10 years old (63 human age)

I am moderately injured from a car accident and abandoned by my owner

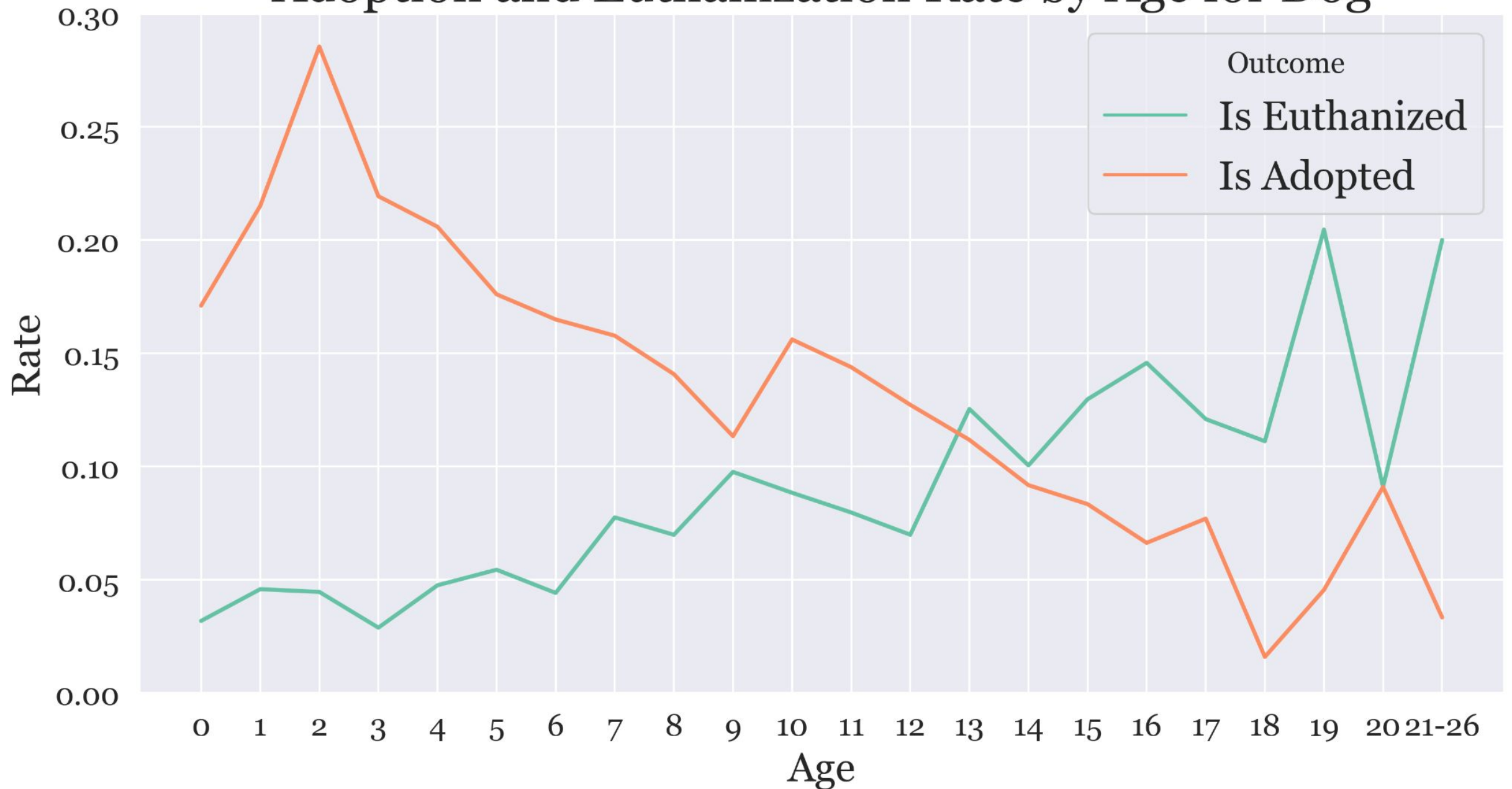
Can you think with me through this presentation if I have a chance for finding my forever home?

Q 1

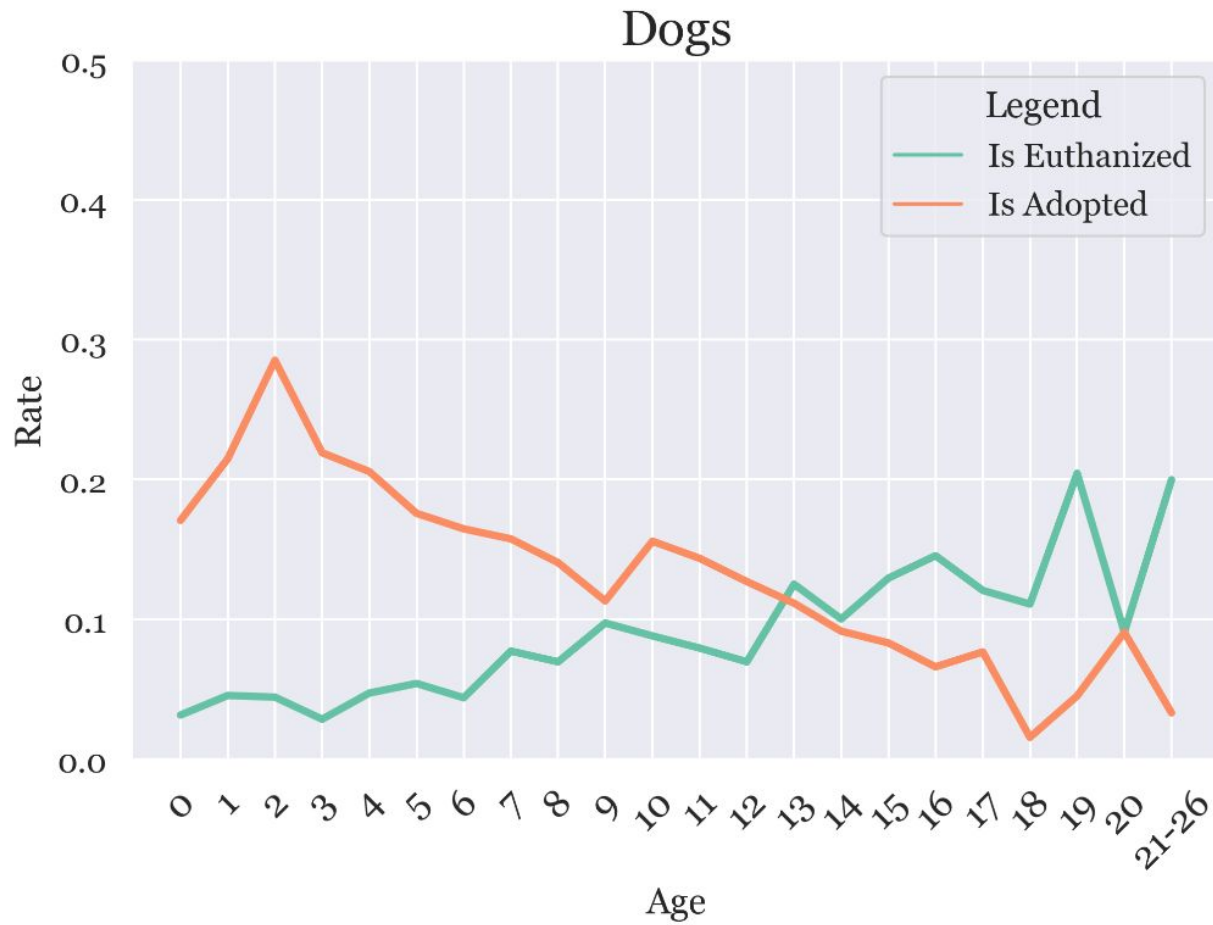
**What
determines
Life and
Death?**



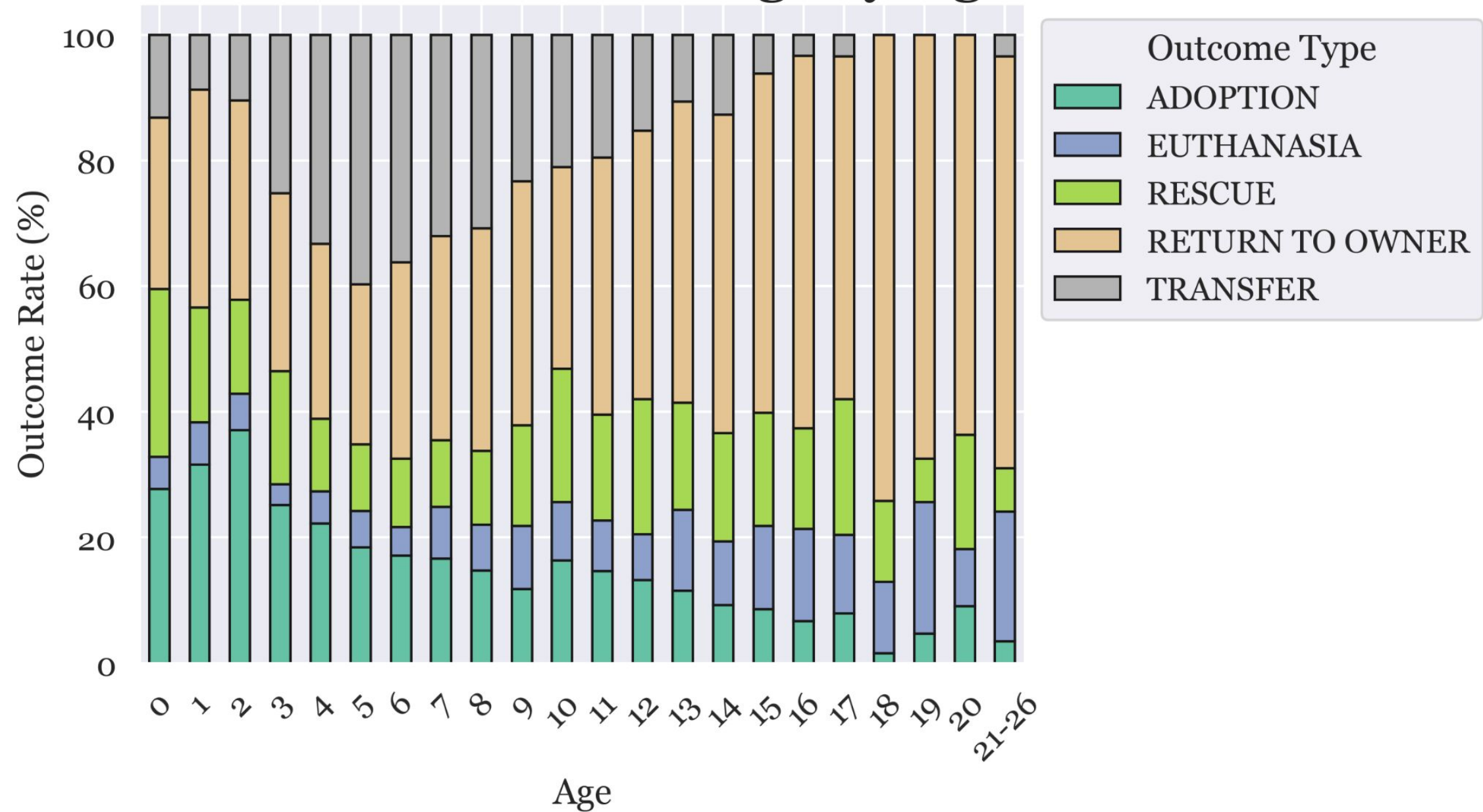
Adoption and Euthanization Rate by Age for Dog



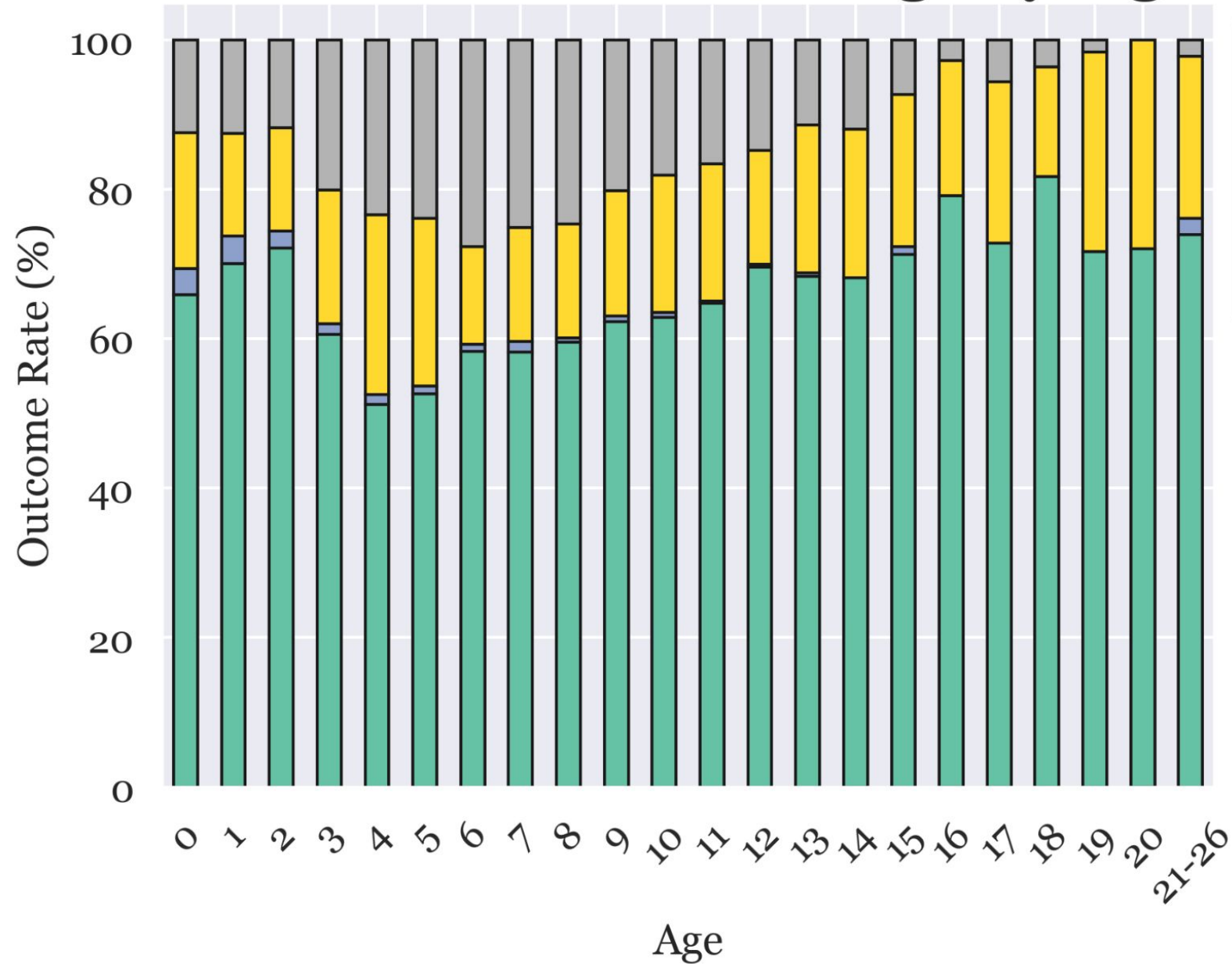
Adoption and Euthanization Rate



Outcome Rates for Dogs by Age



Outcome Rates for Dogs by Age



Desired:

- rescue
- adoption
- return to owner
- foster...

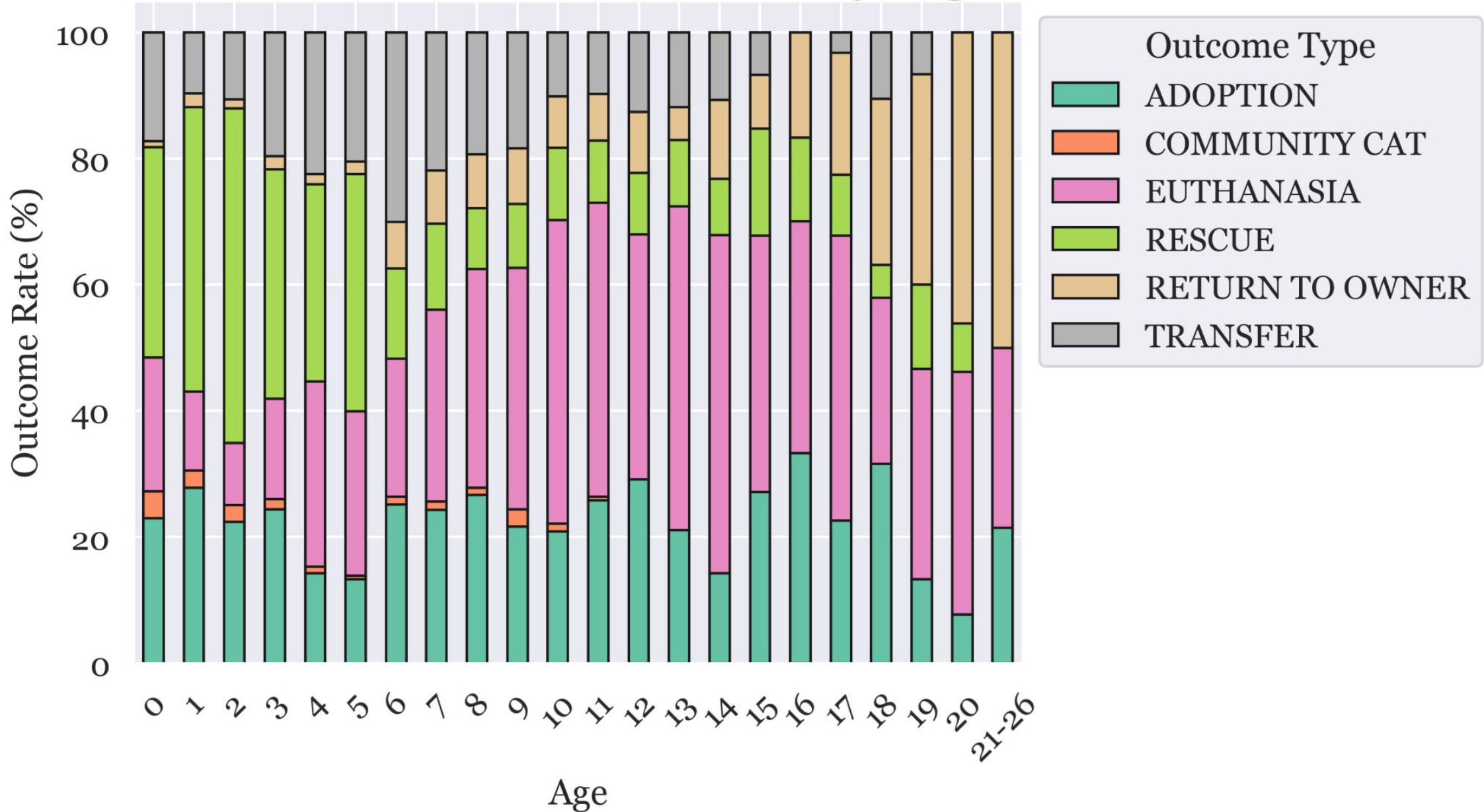
Undesirable:


- euthanasia
- died
- disposal

Unknown:

- transfer
- transport
- missing

Outcome Rates for Cats by Age

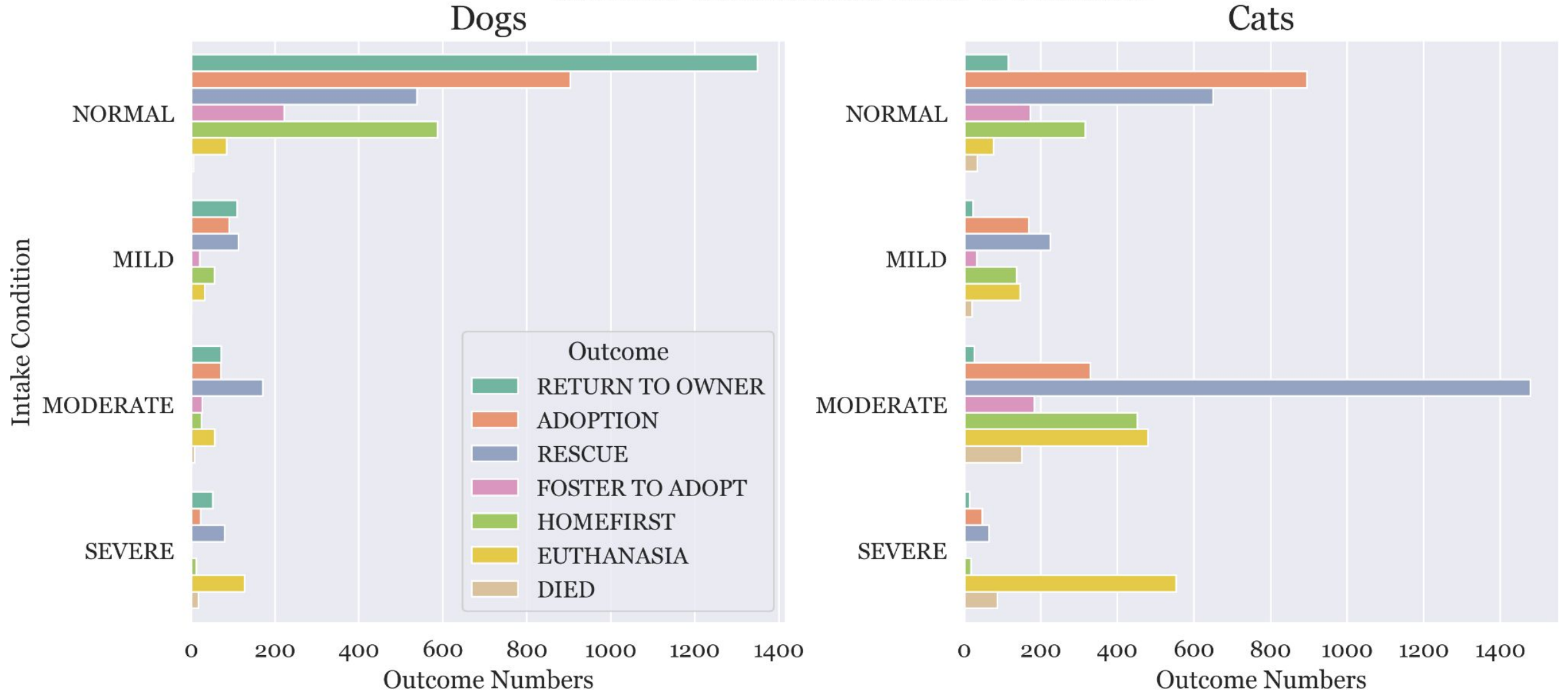




Q 2

**I feel sick.
Am I in
danger?**

Intake Condition and Outcome

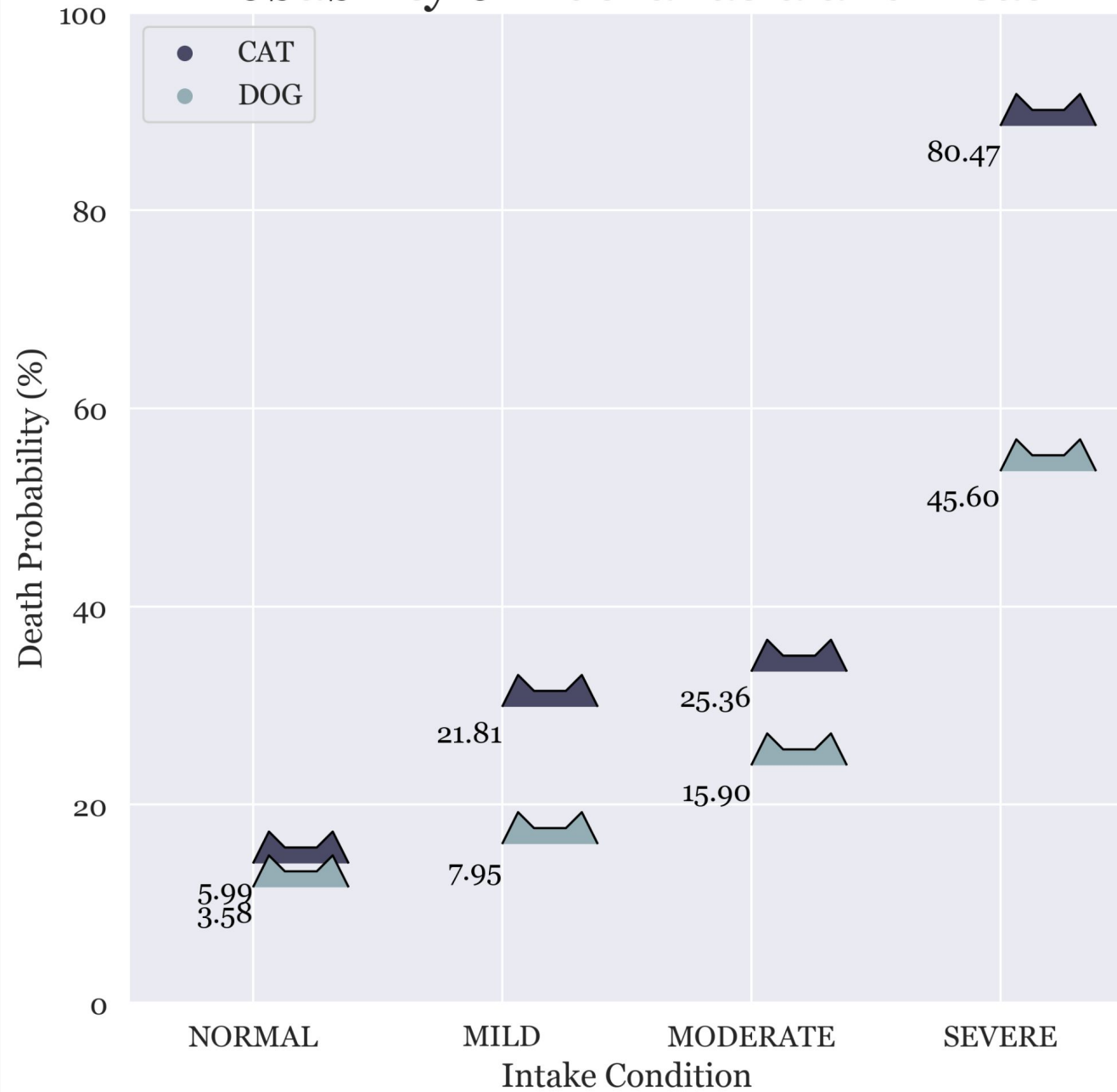


Mild: injured/ill/behavior mild

Moderate: injured/ill/behavior moderate, under age/weight

Severe: injured/ill/behavior severe

Probability of Euthanasia and Death

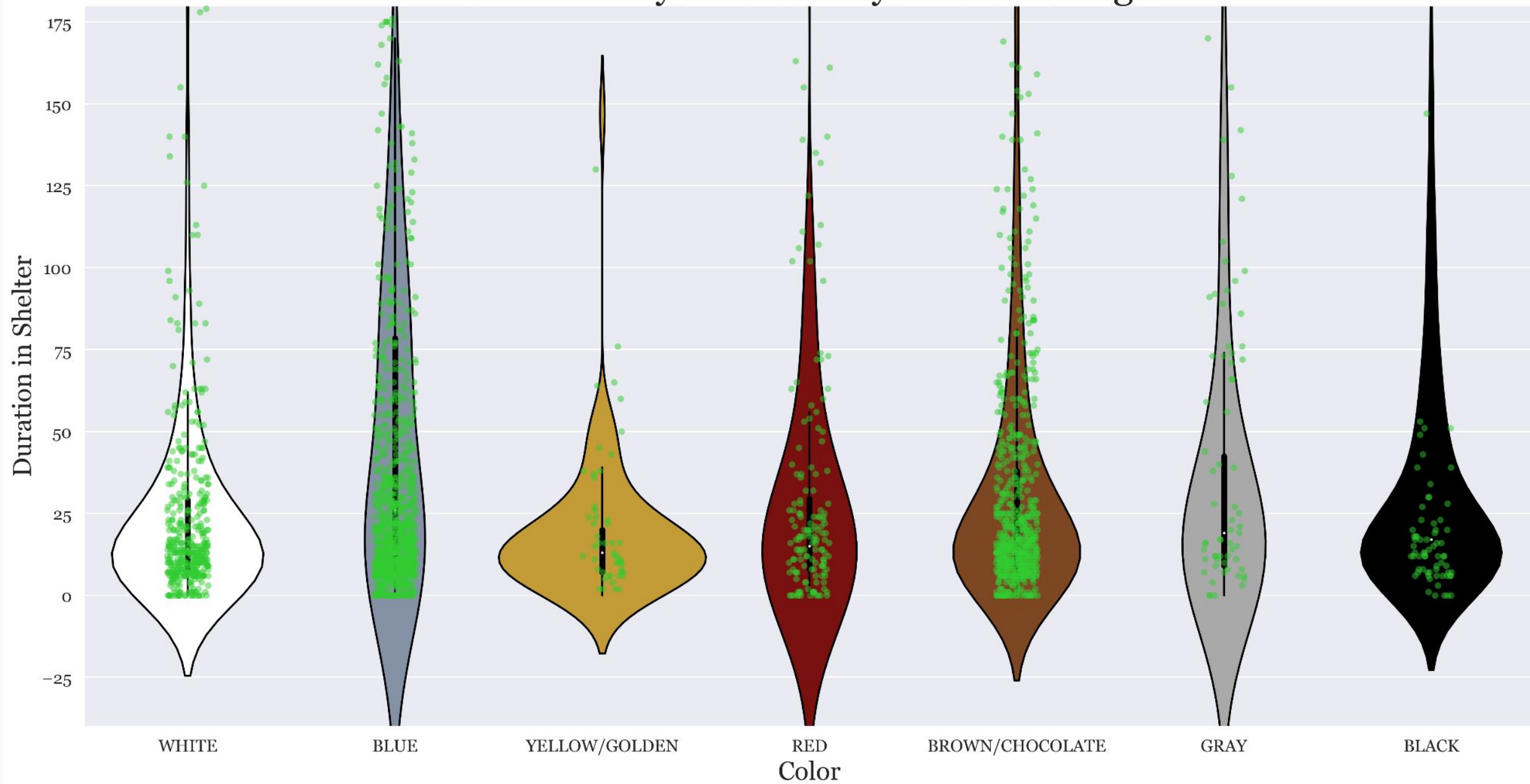




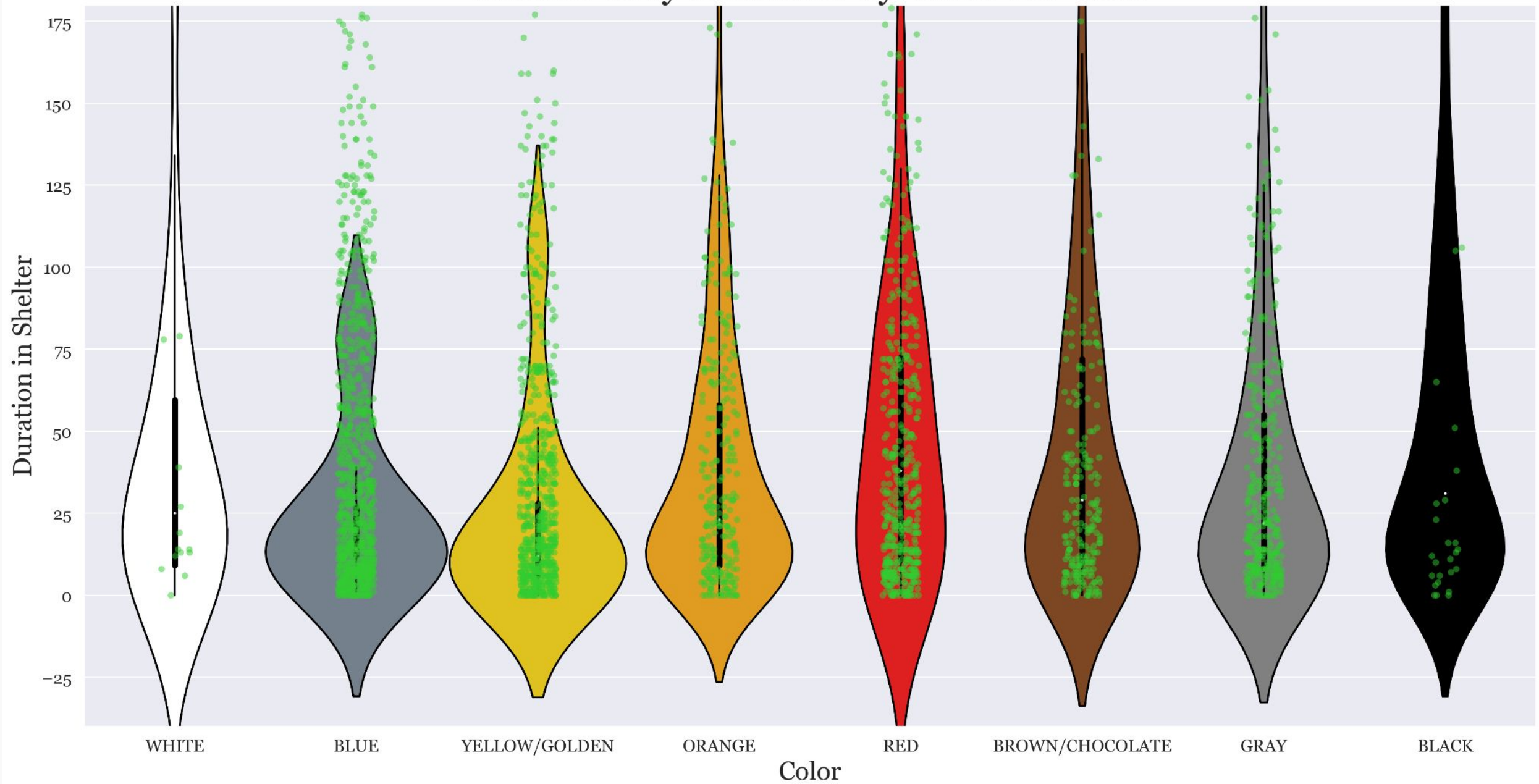
Q 3

**Do you
like my
Color?**

Shelter Stay Duration by Color for Dogs



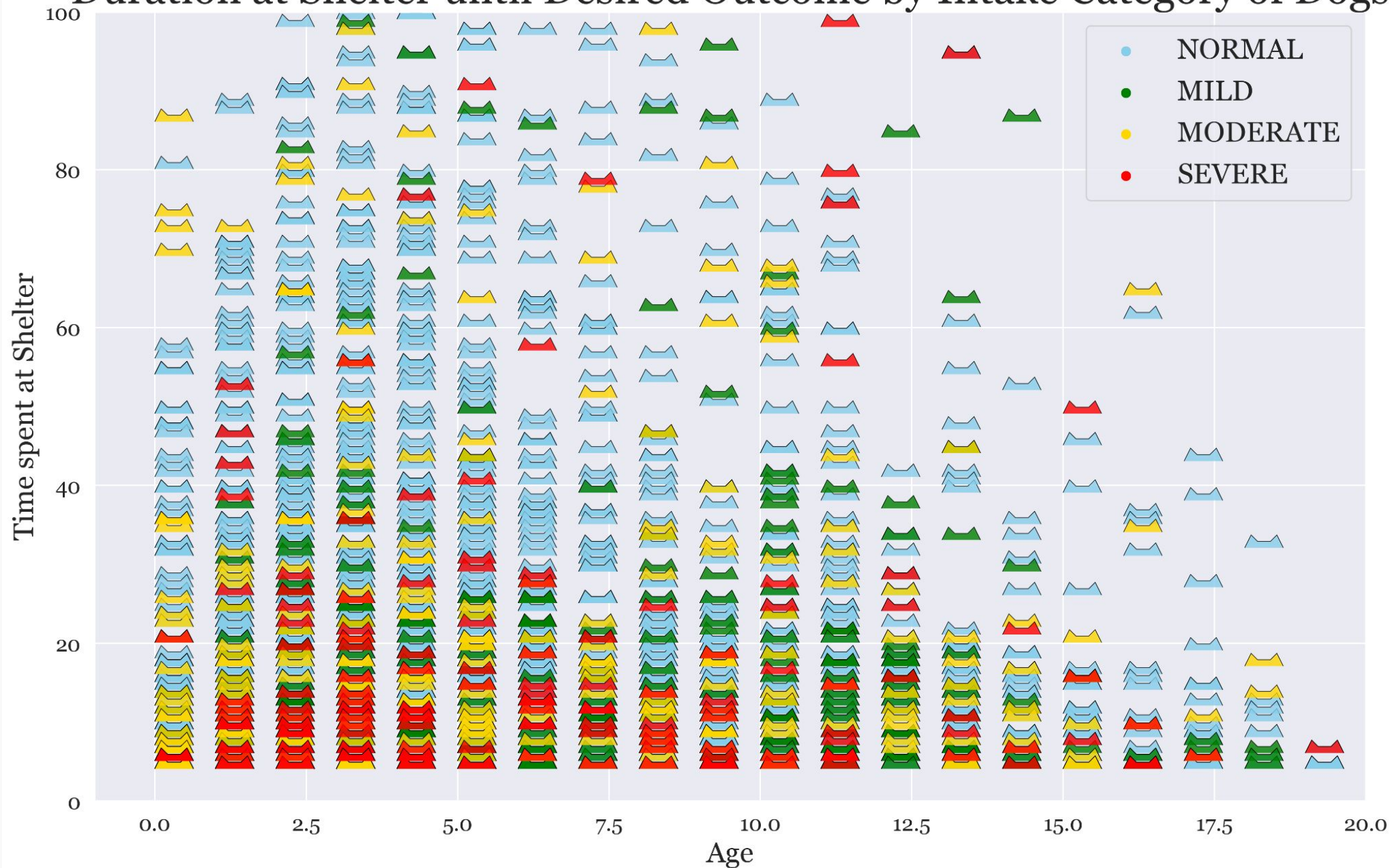
Shelter Stay Duration by Color for Cats



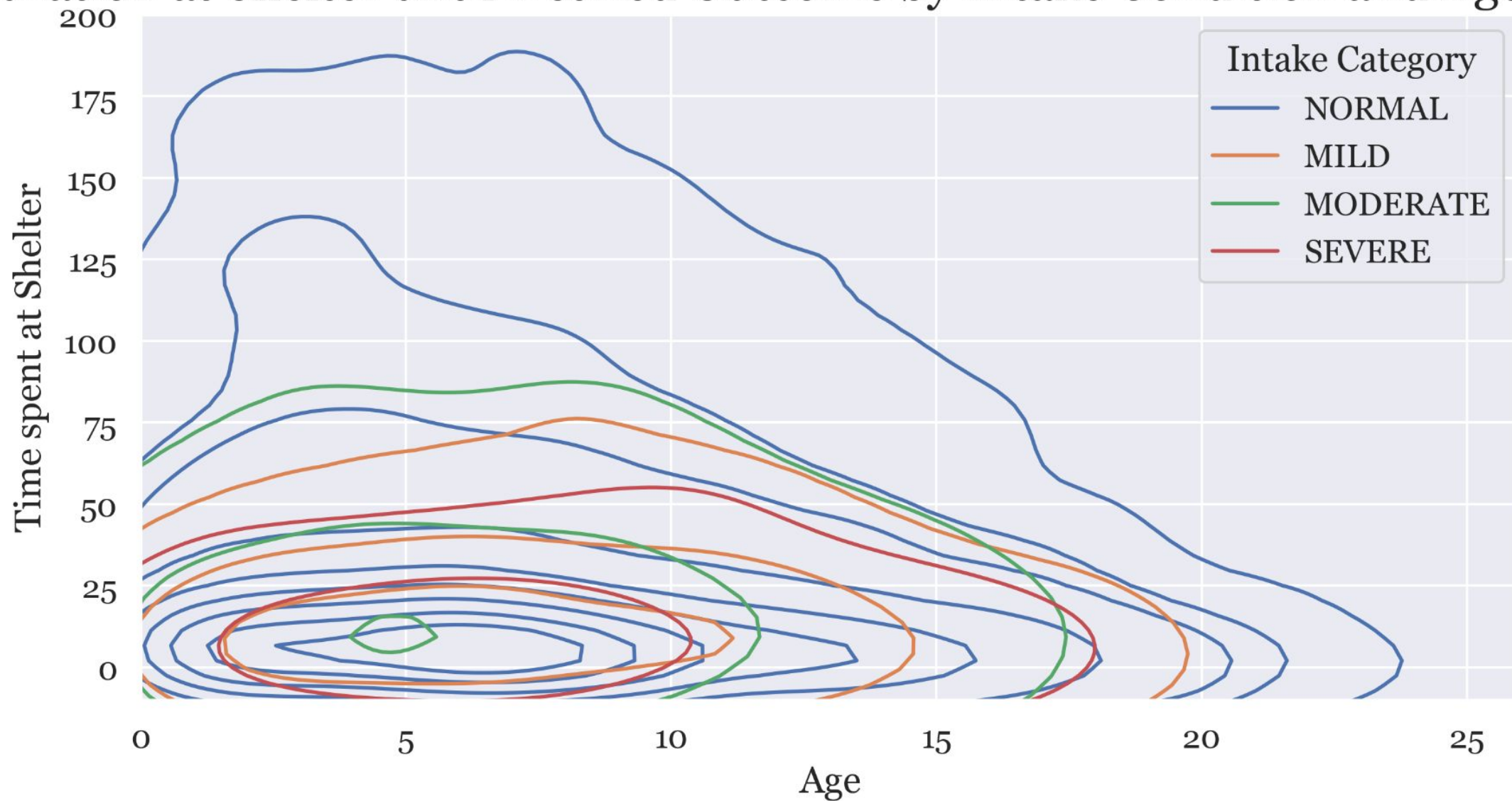


Conclusion

Duration at Shelter until Desired Outcome by Intake Category of Dogs



Duration at Shelter until Desired Outcome by Intake Condition and Age of Dogs



HIGHLIGHTS

- Detailed modification of graph such as selecting the typical dog and cat color for each color category, utilization of original shaped dot.
- Simplification by creating own categories such as Desired Outcome.





Thank You!

Animal Shelter Data
published by
City of Long Beach Animal Care
Services

https://data.longbeach.gov/explore/dataset/animal-shelter-intakes-and-outcomes/information/?disjunctive=animal_type&disjunctive=primary_color&disjunctive=sex&disjunctive=intake_cond&disjunctive=intake_type&disjunctive=reason&disjunctive=outcome_type&disjunctive=outcome_subtype&disjunctive=intake_is_dead&disjunctive=outcome_is_dead

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