Title of Report

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Abstract

The London Fire Brigade (LBF) is a firefighting and rescue organization that receives various calls regarding animal rescues from London citizens. Within the LBF recorded rescues, spanning from 2009 to 2020, there was a noticeable difference observed in the number of wild animals (n = 4668) and pet calls (n = 1898). We analyzed data using statistical software to understand the impact of time on the frequency of animal rescues based on animal type. Through a two-proportion z-test, we found a discernible difference in the percentage of night-time incidents comparing pets and wild animals. With a broad span of services conducted by the LBF, information regarding the frequency of pet rescues during the night-time is helpful when allocating resources and scheduling staff. This allows the LBF to be better equipped to handle pet rescue incidents most efficiently during the night shift.

1 Introduction

According to Tuan et al. (2015), it is said to xxx. Supported by this we found xyz (Wiwanitkit 2010).

Table 1: The table depicts the percentage of night-time animal rescues by the London Fire Brigade from 2009 to 2020 of pets and wild animals. The table also includes the total number of calls for each group.

Animal Type	% of Rescues Occuring at Night	Total Number of Animals
Pets	35.0%	4668
Wild Animals	30.0%	1898

2 Data and Methods

2.1 Data Collection

2.2 Statistical Analysis

3 Results

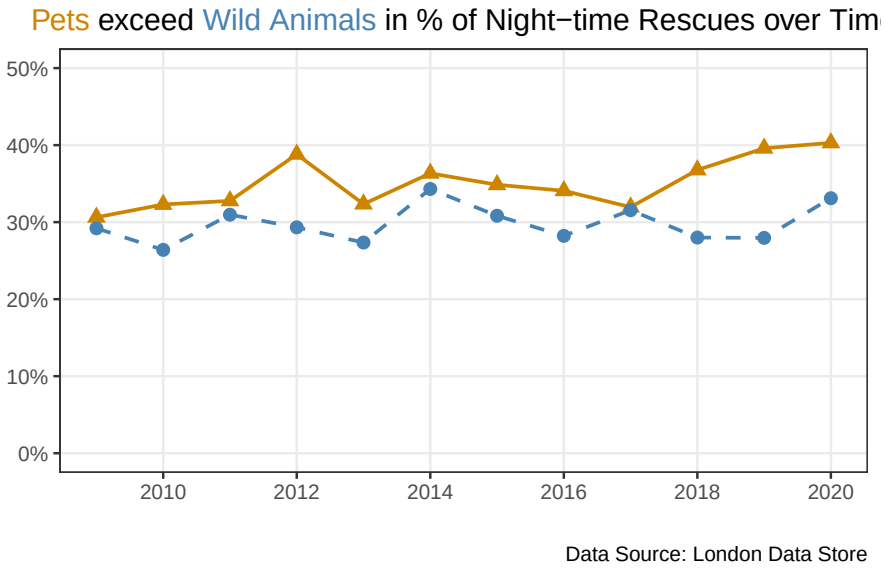

Figure 1: The figure represents the percentage of night-time animal rescues by the London Fire Brigade from 2009 to 2020. Grouped by pets (cat, dog, rabbit) and wild animals (bird, fox, deer), the plot reveals that the percent of pet night rescues is larger than wildlife night rescues across all years.

4 Discussion

Table 1 Figure 1

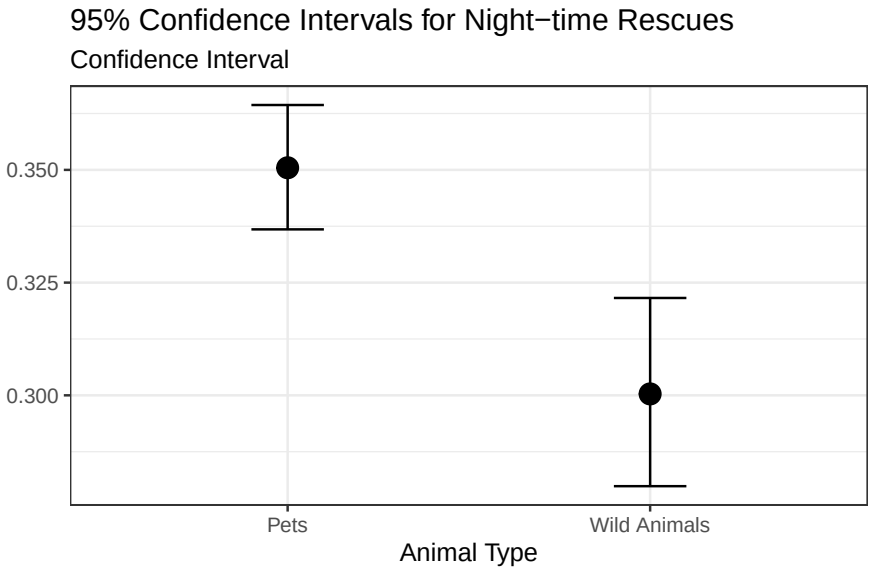

Figure 2: The figure represents the 95% confidence interval for the propotion of night-time rescues for each pets and wild animals.

5 Conclusion

References

Tuan, Nguyen Minh, Ho Thi Nhan, Nguyen Van Vinh Chau, Nguyen Thanh Hung, Ha Manh Tuan, Ta Van Tram, Nguyen Le Da Ha, et al. 2015. "Sensitivity and Specificity of a Novel Classifier for the Early Diagnosis of Dengue." Edited by Scott B Halstead. *PLOS Neglected Tropical Diseases* 9 (4): e0003638. https://doi.org/10.1371/journal.pntd.0003638.

Wiwanitkit, Viroj. 2010. "Dengue Fever: Diagnosis and Treatment." *Expert Review of Anti-Infective Therapy* 8 (7): 841–45.