

This had better work or imma start crying fam hee haww*

No cap imma start crying homes

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Abstract

First sentence. Second sentence. Third sentence. Fourth sentence.

1 Introduction

this paper was made using R Core Team (2020) You can and should cross-reference sections and sub-sections. For instance, Section 2. R Markdown automatically makes the sections lower case and adds a dash to spaces to generate labels, for instance, Section 4.1.

2 Data

Our data is of toronto homeless shelters (Figure ??).

```
#loading in the data
cleaned_toronto_shelters <- read_csv("cleaned_toronto_shelters.csv")
```

```
##
## -- Column specification -----
## cols(
##   occupancy_date = col_date(format = ""),
##   id = col_double(),
##   occupied_beds = col_double(),
##   location_province = col_character(),
##   occupancy_rate_beds = col_double()
## )
```

```
#creating a new month variable
toronto_shelters_clean <- cleaned_toronto_shelters %>%
  mutate(occupancy_month = month(occupancy_date,
                                label = TRUE,
                                abbr = FALSE))

#toronto_shelters_clean <- toronto_shelters_clean %>%
```

*Code and data are available at: [LINK](#).

```

#there is only one province so this wont work
#toronto_shelters_clean <- toronto_shelters_clean %>%
# mutate(cold_extremelycold = ifelse(location_province == "ON" / location_province == "QC" / location_p

toronto_shelters_clean %>%
  group_by(occupancy_month)%>%
  summarise(n = mean(occupied_beds)) %>%
  kable()

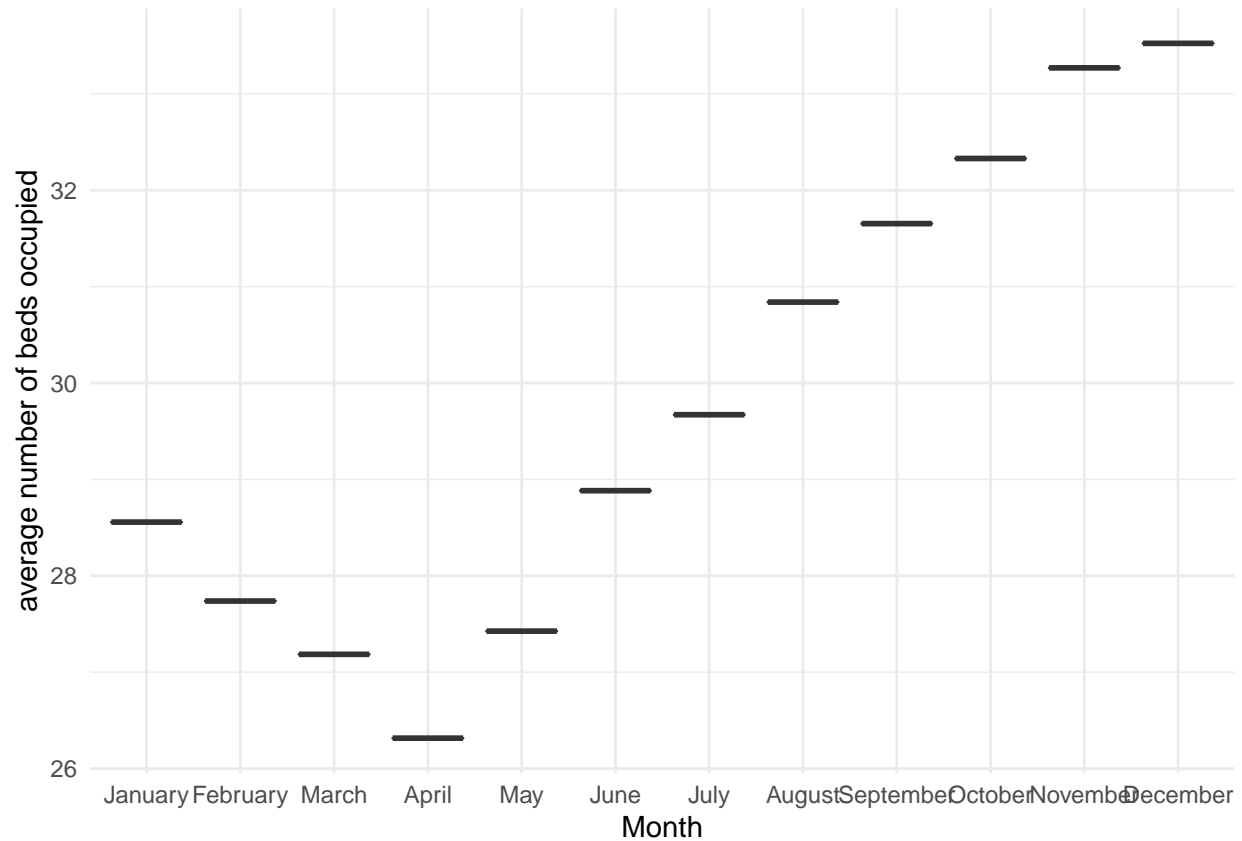
```

| occupancy_month | n |
|-----------------|----------|
| January | 28.55708 |
| February | 27.73821 |
| March | 27.18521 |
| April | 26.31561 |
| May | 27.42596 |
| June | 28.88300 |
| July | 29.67137 |
| August | 30.83975 |
| September | 31.65405 |
| October | 32.32991 |
| November | 33.26980 |
| December | 33.52426 |

```

toronto_shelters_clean %>% group_by(occupancy_month)%>%
  summarise(n = mean(occupied_beds)) %>%
  ggplot(mapping = aes(n, occupancy_month)) +
  geom_boxplot() +
  theme_minimal() + # Make the theme neater
  coord_flip() + # Swap the x and y axis to make parties easier to read
  labs(x = "average number of beds occupied",
       y = "Month")

```



Talk more about it.

Talk way more about it.

3 Results

4 Discussion

4.1 First discussion point

If my paper were 10 pages, then should be at least 2.5 pages. The discussion is a chance to show off what you know and what you learnt from all this.

4.2 Second discussion point

4.3 Third discussion point

4.4 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A Additional details

References

R Core Team. 2020. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.