Religious Locations of Toronto TBD[*]

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Abstract

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

1 Introduction

Use the first setnece of the abstract to make a paragraoh

Second paragraph is abou twhat was done and what was found. (setence 2,3 of abstaact)

Third paragph is about implications (final sentence)

Final paragraph about the remainder of the paper. Section something explains the data section something covbers results. . . .

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 5.1. A

2 Data

Paragraph of two describing data broadly

Show an extract of the dataset wiht knitr and cable like how it is on the book (Table 1)

```
library(tidyverse)
library(knitr)
religious_locations <- read_csv(here::here("inputs/data/religious_locations.csv"))
```

```
## Rows: 1407 Columns: 45

## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (30): ADDRESS_NUMBER, LINEAR_NAME_FULL, ADDRESS_FULL, POSTAL_CODE, MUNIC...
## dbl (11): _id, ADDRESS_POINT_ID, GENERAL_USE_CODE, CENTRELINE_ID, LO_NUM, HI...
## lgl  (4): X, Y, LONGITUDE, LATITUDE

##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

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[*]Code and data are available at: https://github.com/oheunkyo/paper1.

Table 1: First ten rows of a dataset of places of worship for religious purposes for in Greater Toronto Area

Municipality	Name of Location	Religion of Practice
former TORONTO	Church Of Jesus Christ Of La	Christian
former TORONTO	Dufferin St Baptist Church	Christian
former TORONTO	Dovercourt Presbyterian Chur	Christian
former TORONTO	Dovercourt Baptist Church	Christian
former TORONTO	Belarussian Autocephlous	Christian
former TORONTO	The Buddhist Assocation Of C	Buddhist
former TORONTO	Buddhist Association of Canada	Buddhist
former TORONTO	Church Of The Crusaders	Christian
former TORONTO	Britten Memorial Church	Christian
former TORONTO	Our Lady Of Croatia	Catholic

```
religious_locations |>
  select(MUNICIPALITY, FTH_ORGANIZATION, FTH_FAITH) |>
  slice(1:10) |>
  kable(
    caption = "First ten rows of a dataset of places of worship for religious
    purposes for in Greater Toronto Area",
    col.names = c("Municipality", "Name of Location", "Religion of Practice"),
    digits = 1,
    booktabs = TRUE,
    linesep = ""
  )
```

Also bills and their average (Figure **??**). (Notice how you can change the height and width so they don't take the whole page?)

3   Model

$$Pr(\theta|y) = \frac{Pr(y|\theta)Pr(\theta)}{Pr(y)} \tag{1}$$

Equation (1) seems useful, eh?

Here's a dumb example of how to use some references: In paper we run our analysis in R (R Core Team 2020). We also use the `tidyverse` which was written by Wickham et al. (2019) If we were interested in baseball data then Friendly et al. (2020) could be useful.

We can use maths by including latex between dollar signs, for instance θ.

4   Results

5   Discussion

5.1   First discussion point

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

5.2 Second discussion point

5.3 Third discussion point

5.4 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A Additional details

References

Friendly, Michael, Chris Dalzell, Martin Monkman, and Dennis Murphy. 2020. *Lahman: Sean 'Lahman' Baseball Database.* https://CRAN.R-project.org/package=Lahman.

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

Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Grolemund, et al. 2019. "Welcome to the tidyverse." *Journal of Open Source Software* 4 (43): 1686. https://doi.org/10.21105/joss.01686.