Food Deserts or Food Oases? Predicting Grocery Store Locations in Hamilton, Ontario

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Abstract

This is the abstract.

It consists of two paragraphs.

Keywords: Grocery Store, Hamilton

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1. Bibliography styles

Here are two sample references: Feynman and Vernon Jr. (1963; Dirac, 1953).

By default, natbib will be used with the `authoryear` style, set in `classoption` variable in YAML and with `elsearticle-harv.bst` which is among provided style by `elsarticle` documentclass. Other available style are `elsarticle-num.bst` and `elsarticle-num-names.bst` — the first one can be used for the numbered scheme, second one for numbered with new options of natbib.sty.

You can sets extra options with `natbiboptions` variable in YAML header. Example

```
natbiboptions: longnamesfirst,angle,semicolon
```

There are various more specific bibliography styles available at `https://support.stmdocs.in/wiki/index.php?title=Model-wise_bibliographic_style_files`. To use one of these, add it in the header using, for example, `biblio-style: model1-num-names`.

1.1. Using CSL

If `citation_package` is set to `default` in `elsevier_article()`, then pandoc is used for citations instead of `natbib`. In this case, the `csl` option is used to format the references. Alternative `csl` files are available from `https://www.zotero.org/styles?q=elsevier`. These can be downloaded and stored locally, or the url can be used as in the example header.

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	Model 1
Count model: (Intercept)	5.43
	(3.08)
Count model: Freq_lag	−1.74*
	(0.83)
Count model: PCT_aged_under_24	0.01
	(0.03)
Count model: PCT_aged_above_65	0.01
	(0.02)
Count model: PCT_dont_know_official_language	0.00
	(0.10)
Count model: PCT_not_speak_offcial_language_at_home	0.17**
	(0.05)
Count model: PCT_single_detached	−0.01*
	(0.01)
Count model: PCT_income_less_40k	−0.05
	(0.03)
Count model: PCT_income_greater_100k	−0.02
	(0.04)
Count model: PCT_married_common_law	−0.02
	(0.03)
Count model: log_pop_density	−0.54***
	(0.15)
Count model: Log(theta)	−0.13
	(0.55)
Zero model: (Intercept)	11.26
	(13.70)
Zero model: log_pop_density	−4.40*
	(2.23)
Zero model: PCT_not_speak_offcial_language_at_home	0.43
	(0.23)
Zero model: PCT_married_common_law	0.27*
	(0.12)
Zero model: log_area	−4.50*
	(2.19)
Zero model: Freq_lag	−18.87*
	(7.96)
AIC	524.31
Log Likelihood	−244.16
Num. obs.	876

$^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 1: Statistical models

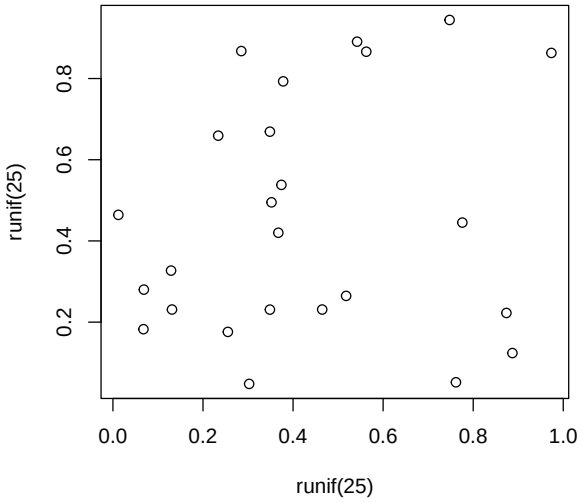

Figure 1: A meaningless scatterplot.

2. Equations

Here is an equation:

$$f_X(x) = \left(\frac{\alpha}{\beta}\right)\left(\frac{x}{\beta}\right)^{\alpha-1} e^{-\left(\frac{x}{\beta}\right)^{\alpha}}; \alpha, \beta, x > 0.$$

Here is another:

$$a^2 + b^2 = c^2. \tag{1}$$

Inline equations: $\sum_{i=2}^{\infty}\{\alpha_i^{\beta}\}$

3. Figures and tables

Figure 1 is generated using an R chunk.

4. Tables coming from R

Tables can also be generated using R chunks, as shown in Table 2 for example.

```
knitr::kable(head(mtcars)[,1:4],
    caption = "\\label{tab1}Caption centered above table"
)
```

Table 2: Caption centered above table

	mpg	cyl	disp	hp
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110
Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175
Valiant	18.1	6	225	105

References

Dirac, P.A.M., 1953. The Lorentz transformation and absolute time. Physica 19, 888–896. doi:10.1016/S0031-8914(53)80099-6.

Feynman, R.P., Vernon Jr., F.L., 1963. The theory of a general quantum system interacting with a linear dissipative system. Annals of Physics 24, 118–173. doi:10.1016/0003-4916(63)90068-X.