

GOVT670 Project Plan

Car Crash Accident in DC

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Abstract

Contents

Short Summary of Project Plan

We are planning to combine multiple dataset to see if there are any factor causes the car crash in the DC areas. We will include, road condition, traffic lights, speed camera, income, etc in to our data set.

1 Datasets

- <https://opendata.dc.gov/datasets/DCGIS::street-lights/about>
- <https://opendata.dc.gov/datasets/DCGIS::crash-details-table/explore>
- <https://opendata.dc.gov/datasets/DCGIS::crashes-in-dc/explore?location=38.893706>
- <https://opendata.dc.gov/datasets/acs-economic-characteristics-dc-ward/explore?location=38.940965>
- <https://opendata.dc.gov/datasets/DCGIS::wards-from-2022/explore?location=38.893755>
- <https://opendata.dc.gov/datasets/economic-acs-characteristics-2011-to-2015/explore>

2 Points From Meeting with Professor

- Particular cars
- Zip code level -80 level for income
- Censes block level - 400 level for income
- Infrustracure data, plan structures
- Plan road closure - what road is close or going to close. Doc dc transportation
- Traffic violation - tickets, flags whether is the police or automated intervention (camera)
- RA funded through de doc - she can find info or data for us - LAB
- MAR Geocoder - jut for DC - provide different type of the location - it will tell you the location info you need - its an software

3 References

Testing123 ?

3.1 Some Stuff

Here's some background matter.

3.2 More Stuff

Remember back in Section ??? It was the first subsection in Section ??, right? Wasn't it great?

4 Tables

Just below here, you are going to see a great table (actually, it's a little heavy on column- and row-demarcating lines). It's Table ??.

| Col1 | Col2 | Col3 |
|---------|------|------|
| Mean | 5 | 10 |
| StanDev | 2 | 3 |

Table 1: A Great Table with Numbers and Letters

5 Other Formats

Here's an equation array, numbered.

$$Y = \beta_0 + \beta_1 A + \beta_2 B + \beta_3 C \tag{1}$$

$$\approx 5 \tag{2}$$

Here's an itemization:

- A is important.
- B is too.

Here's a numbered list:

1. First item.
2. You get the picture.

Here's math in a sentence: It's nice outside; let's go throw around the ϵ -ball. Here's math set off:

$$\prod_{i=1}^{22} x_i$$

6 Some Reference Commands

`BIBTEX` is great. One of my favorite books is ?. He writes, “A standard, though somewhat maligned, theory ...” (?, p.24). The book was published in ?. An article by the same author appears in ?.

Sample code for how to create `.pdf` and `.eps` graphics in R and include them in a `LATEX` document, as well as how to include R code in `LATEX` document has been commented out below. See the source `sample.tex` for details.