This is my work in R

MyFirstName MyLastName
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August 20, 2022

Abstract

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Introduction

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Table 1.1: This is a table

Democracy Index	count	pct	pct_cumm
veryLow	53	33.76	33.76
low	31	19.75	53.50
medium	53	33.76	87.26
good	0	0.00	87.26
veryGood	20	12.74	100.00

1 Exploring Tables

Another section. I will use a footnot now [1]. I will soon use cross-ref.I will soon use cross-ref.I will soon use cross-ref.I will soon use cross-ref. I will soon use cross-ref. I will soon use cross-ref.I will soon use cross-ref.I will soon use cross-ref.I will soon use cross-ref.I will soon use cross-ref. I will soon use cross-ref. I will soon use cross-ref.

I will soon use cross-ref.I will soon use cross-ref: as we see in Section 1.1.

1.1 Exploring Categorical Data

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I hope you like it and read it. It has been a very hard work.Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work.Here, I continue doing this nice work, I hope you like it and read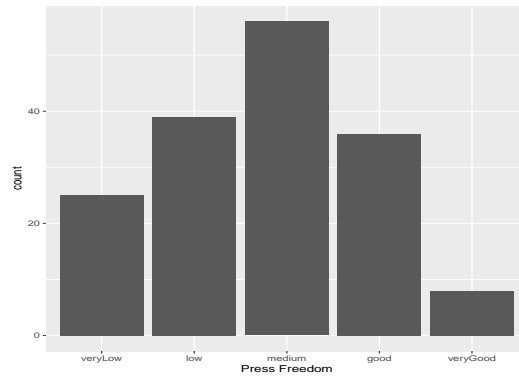 it. It has been a very hard work.Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work.Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work.

You can see the statistics of a categorical variable in Table 1.1.

You can see this variable plotted in Figure 1.1 on page 3.

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[1]This is a footnote.

Figure 1.1: Press Freedom Index in the World

1.2 Exploring Numerical Data

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Table 1.2: Stat summary for nummeric vars

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
DemocracyIndex	157	2.38	1.30	1	1	3	5
mili_pctGDP	166	2.07	1.55	0.20	1.10	2.48	10.00

In the Table 1.2, you realize that the mean of military expenditure is **2.07228915662651**.

It would be good to see a boxplot, check Figure 1.2 below.
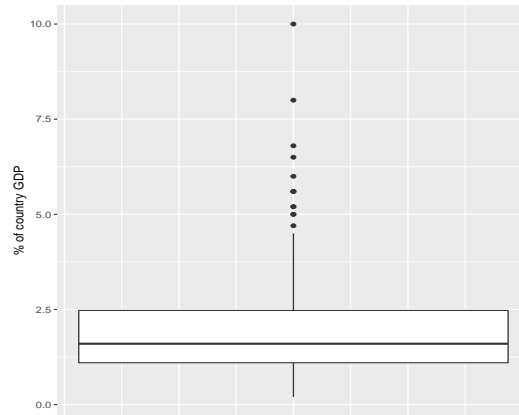
Figure 1.2: Money spent per country on Military stuff

Boxplots were introduced by Tukey (1977).

2   My Regression

Several times we need regression.

These is a nice summary for two regressions:

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Table 2.1: Regression Models

	Dependent variable:	
	mili_pctGDP	
	(1)	(2)
DemocracyIndex	−0.423***	−0.535***
	(0.090)	(0.128)
IndexofEconomicFreedom		0.230
		(0.149)
Constant	3.083***	2.730***
	(0.245)	(0.291)
Observations	157	154
R^2	0.124	0.126
Adjusted R^2	0.119	0.114
Residual Std. Error	1.464 (df = 155)	1.434 (df = 151)
F Statistic	22.008*** (df = 1; 155)	10.857*** (df = 2; 151)

Note: *p<0.1; **p<0.05; ***p<0.01

Table 2.2: Regression Models

	Dependent variable:	
	Military Expenditure (percent of GDP)	
	(1)	(2)
Democracy	−0.423***	−0.535***
	(0.090)	(0.128)
Economic Freedom		0.230
		(0.149)
Constant	3.083***	2.730***
	(0.245)	(0.291)
Observations	157	154
R^2	0.124	0.126
Adjusted R^2	0.119	0.114
Residual Std. Error	1.464 (df = 155)	1.434 (df = 151)
F Statistic	22.008*** (df = 1; 155)	10.857*** (df = 2; 151)

Note: *p<0.1; **p<0.05; ***p<0.01

I hope you like what you see in the Table 2.1 and in Table 2.2. You can learn more on regression in other book (Petrie, 2016, 150-160)

3   Other plot

3.1   A word cloud

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Above you see our Figure **??**. Here, I continue doing this nice work, I

Figure 3.1: Nations by presence of rebel movements.

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hope you like it and read it. It has been a very hard work.Here, I continue doing this nice work, I hope you like it and read it.

You can read something interesting (Lipman, 2022).

3.2   A map

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Review other authors (Brunsdon & Comber, 2015, 120-160; also, see Câmara, Monteiro, Fucks, & Sá, n.d.) to know more.
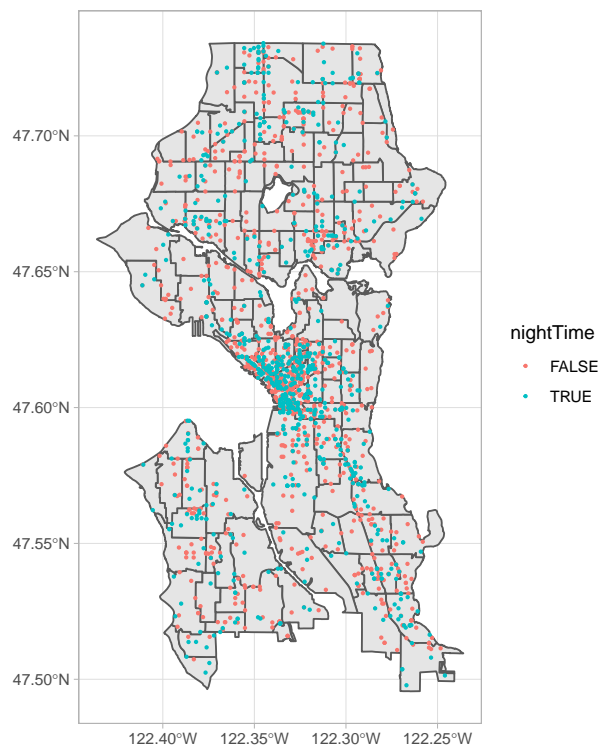
Figure 3.2: Calls to 911 by time of day.

References

Brunsdon, C., & Comber, L. (2015). *An introduction to R for spatial analysis & mapping.* Los Angeles: SAGE.

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Tukey, J. W. (1977). *Exploratory data analysis.* Reading, Mass: Addison-Wesley Pub. Co.