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# Abstract

bla

# Útdráttur

bla





# Preface



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# Abbreviations



# Acknowledgments

# 1 Introduction

Þetta er ný prufa 123 abc d með citation (Xie 2016):

## 1.1 Some section

This is some section

### 1.1.1 This is some subsection

This is some subsection



## 2 Examples

Here are some examples

### 2.1 R code

Load some library

```
library(tidyverse)
library(knitr)
library(kableExtra)
library(ggthemes)
theme_set(theme_tufte() +
  theme(panel.border = element_rect('black', fill = NA)))
```

Load some data and create some table which can be seen in table 2.1

```
mtcars %>%
  filter(row_number() <= 10) %>%
  kable(booktabs = T, 'latex',
    caption = "(\\#tab:table1) Some table") %>%
  kable_styling(full_width = F,
    bootstrap_options = 'striped',
    latex_options = 'hold_position')
```

Table 2.1: Some table

mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
21.0	6	160.0	110	3.90	2.620	16.46	0	1	4	4
21.0	6	160.0	110	3.90	2.875	17.02	0	1	4	4
22.8	4	108.0	93	3.85	2.320	18.61	1	1	4	1
21.4	6	258.0	110	3.08	3.215	19.44	1	0	3	1
18.7	8	360.0	175	3.15	3.440	17.02	0	0	3	2
18.1	6	225.0	105	2.76	3.460	20.22	1	0	3	1
14.3	8	360.0	245	3.21	3.570	15.84	0	0	3	4
24.4	4	146.7	62	3.69	3.190	20.00	1	0	4	2
22.8	4	140.8	95	3.92	3.150	22.90	1	0	4	2
19.2	6	167.6	123	3.92	3.440	18.30	1	0	4	4

## 2.2 Figures

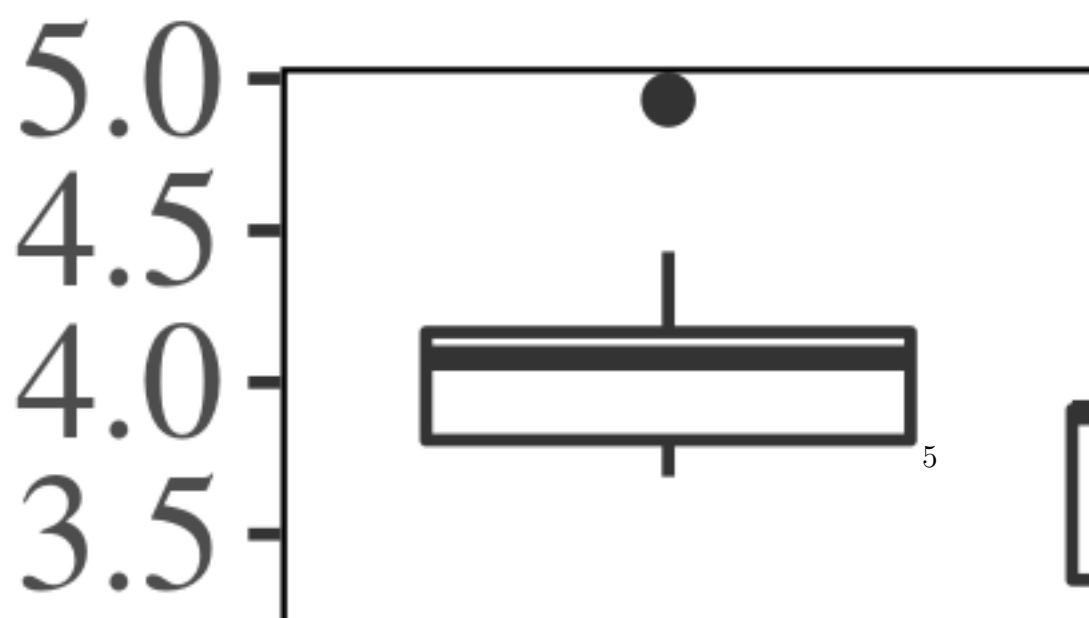
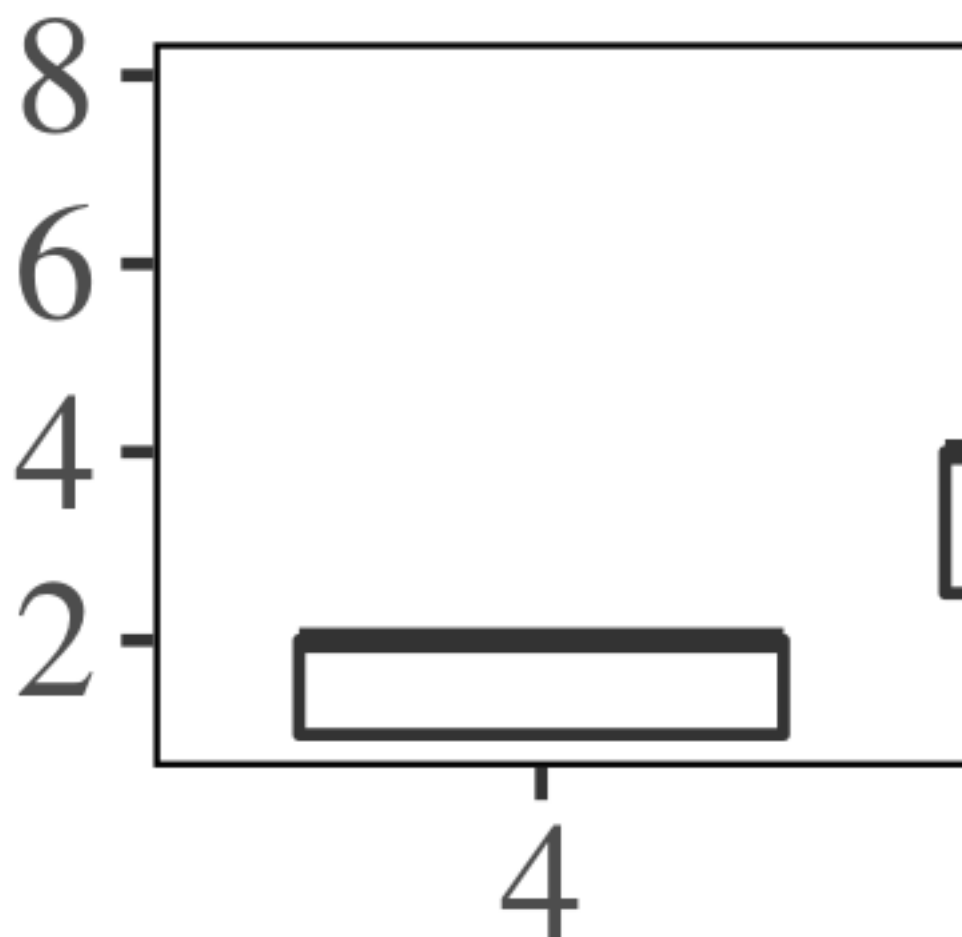
Create some simple plot which can be seen in figure 2.1.

```
include_graphics('img/img1.png')
```

### 2.2.1 Discussion

This is some subsection where we discuss this and that. Function in equation (2.1)

$$f(x) = \sin(x) \tag{2.1}$$







# References

Xie, Yihui. 2016. *Bookdown: Authoring Books and Technical Documents with R Markdown*. Boca Raton, Florida: Chapman; Hall/CRC. <https://github.com/rstudio/bookdown>.