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Dedication

Abstract

bla

Útdráttur

bla

Preface

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Abbreviations

Acknowledgments

1 Introduction

New example with references (Deloukas et al. 2013) and multiple references (Emilsson et al. 2018; Franzén et al. 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",
        linesep = '') %>%
  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
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360.0	175	3.15	3.440	17.02	0	0	3	2
Valiant	18.1	6	225.0	105	2.76	3.460	20.22	1	0	3	1
Duster 360	14.3	8	360.0	245	3.21	3.570	15.84	0	0	3	4
Merc 240D	24.4	4	146.7	62	3.69	3.190	20.00	1	0	4	2
Merc 230	22.8	4	140.8	95	3.92	3.150	22.90	1	0	4	2
Merc 280	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)

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

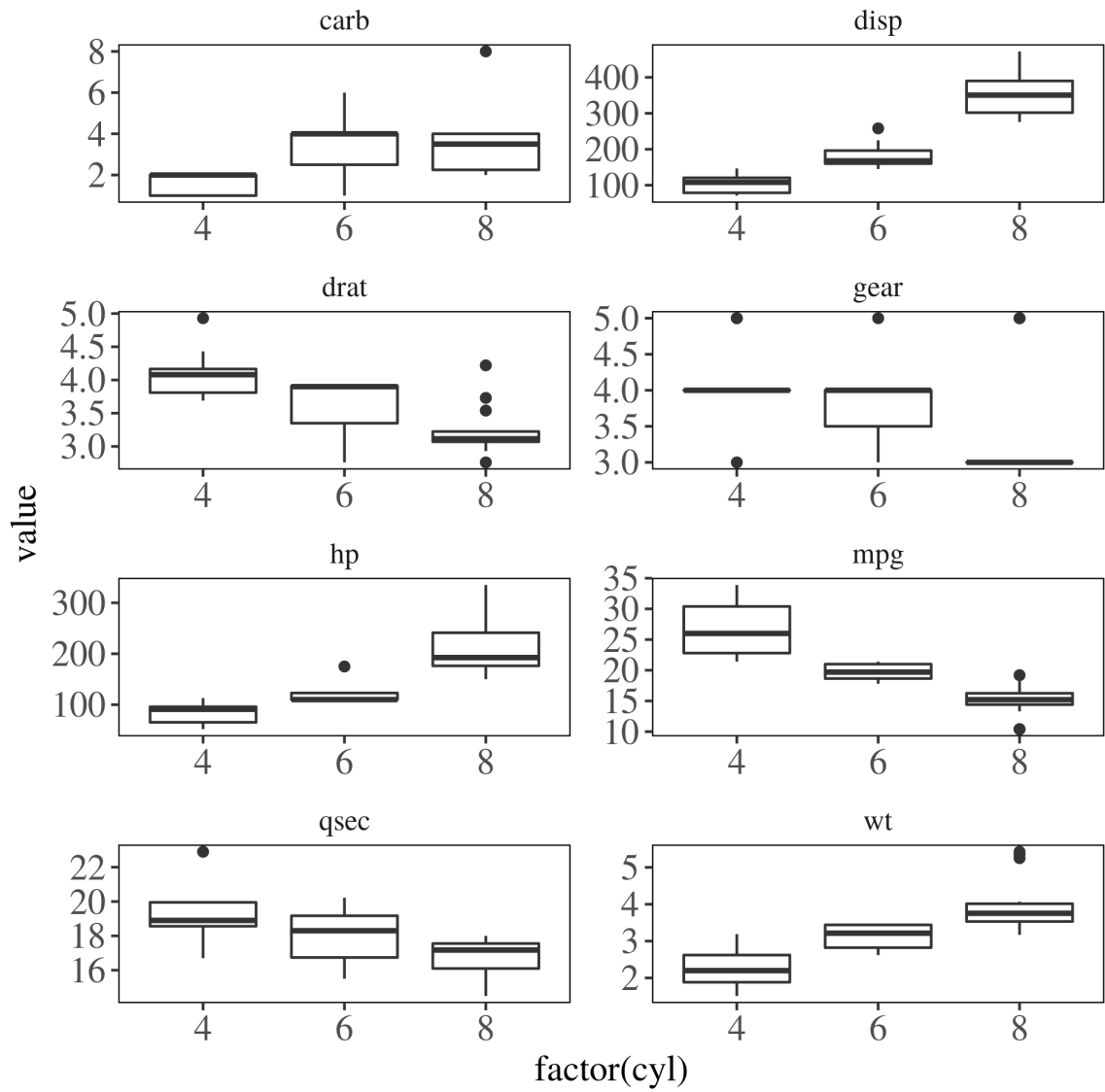


Figure 2.1: Blablabla

References

Deloukas, Panos, Stavroula Kanoni, Christina Willenborg, Martin Farrall, Themistocles L. Assimes, John R. Thompson, Erik Ingelsson, et al. 2013. “Large-Scale Association Analysis Identifies New Risk Loci for Coronary Artery Disease.” *Nature Genetics* 45 (1, 1): 25–33. <https://doi.org/10.1038/ng.2480>.

Emilsson, Valur, Marjan Ilkov, John R. Lamb, Nancy Finkel, Elias F. Gudmundsson, Rebecca Pitts, Heather Hoover, et al. 2018. “Co-Regulatory Networks of Human Serum Proteins Link Genetics to Disease.” *Science* 361 (6404): 769–73. <https://doi.org/10.1126/science.aag1327>.

Franzén, Oscar, Raili Ermel, Ariella Cohain, Nicholas K. Akers, Antonio Di Narzo, Husain A. Talukdar, Hassan Foroughi-Asl, et al. 2016. “Cardiometabolic Risk Loci Share Downstream Cis- and Trans-Gene Regulation Across Tissues and Diseases.” *Science (New York, N.Y.)* 353 (6301): 827–30. <https://doi.org/10.1126/science.aad6970>.