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A Dissertation Submitted to
the Doctoral Program in Biology,
the University of Tsukuba
in Partial Fulfillment of the Requirements
for the Degree of Master of Science

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Abstract

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Keywords: 3 to 6 keywords, that do not appear in the title

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General Introduction

This template demonstrates some of the basic latex you'll need to know to create a MT or DT in Tsukuba Univ. BP. RMarkdown Cook Book will answer the almost question you have.

Chapter 1

Chapter 1 Title

This section will be just provide the reference examples. You can add references by adding `@hoge hoge` in RMarkdown and .bib file. A simple way to make a .bib file is to use google scholar(see [here](#) or [here](#)). Also `citr` package help you.

We can use four inline citation styles as belows:

- `[@singlecite]`: single citation
- `[@cite1; @cite2]`: multiple citations
- `[-@singlecite]`: just display the year
- `[see @cite1 p 12; also this ref @cite2]`: valid syntax

We provide the example below. Multicellular organisms are keeping time not by one clock but by averaging many independent circadian oscillators (Winfree 1975). Our state are consistent with Darwin (2004) and Smith and Maynard (1993).

Chapter 2

Chapter 2 Title

This section will provide the `\chapter` and `\section` functions in the RMarkdown file. The both `\chapter` and `\section` functions provide the numbering sections but this sample RMarkdown files mainly use `\chapter` for following structure of contents.

- Title
- Abstract
- List of Tables
- List of Figures
- General Introduction
- Chapter 1
- Chapter 2
- General Discussion
- References

If you want to add section in the chapter (i.e., Introduction in Chapter 2), then add `\section` function after `\chapter{Chapter 2}` like below.

2.1 Introduction to include figures and tables

You can use figures and tables using markdown notation or R chunk.

We can create figures from R chunk. Also by setting the file path in LaTeX or markdown notation, you show the figures made by other program, i.e., excel.

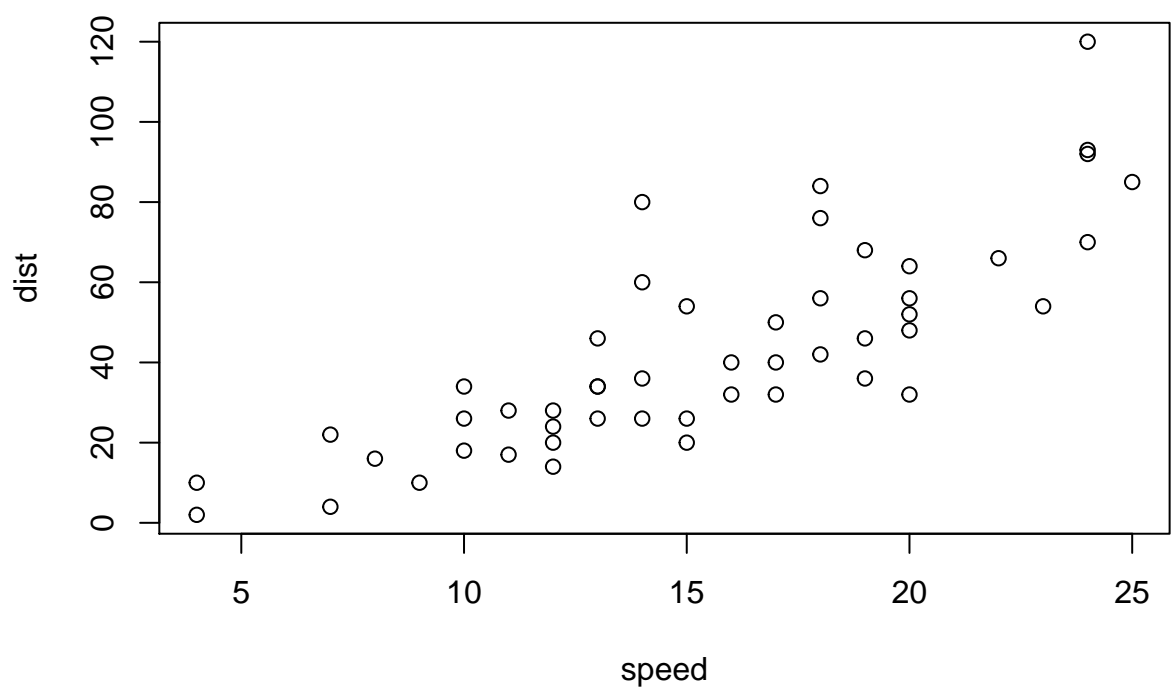


Figure 2.1: cars plot

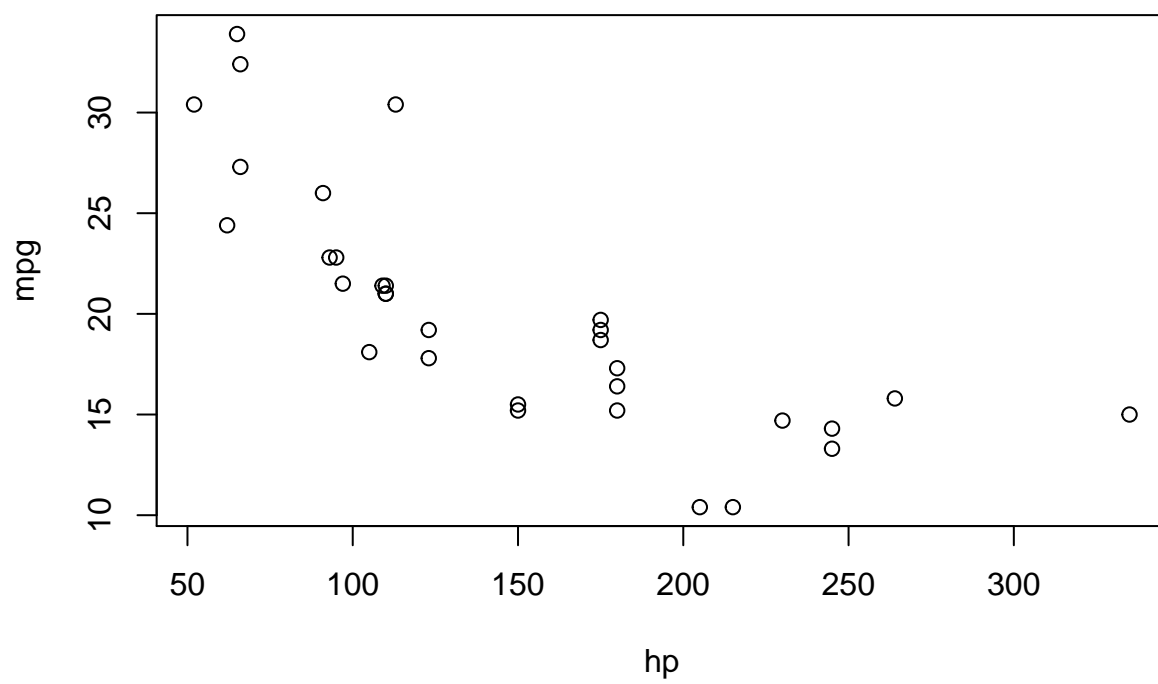


Figure 2.2: mtcars plot

Table 2.1: iris table

Species	Sepal_Length_Mean	Sepal_Width_Mean
setosa	5.006	3.428
versicolor	5.936	2.770
virginica	6.588	2.974

CAUTION: You should insert ALL figures and tables after main documents when finally submission.

General Discussion

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Acknowledgement

The authors gratefully acknowledge ...

References

- Darwin, Charles. 2004. *On the Origin of Species, 1859*. Routledge.
- Smith, John Maynard, and Smith John Maynard. 1993. *The Theory of Evolution*. Cambridge University Press.
- Winfree, Arthur T. 1975. “Unclocklike Behaviour of Biological Clocks.” *Nature* 253 (5490): 315–19.