Template for Oxford University Press papers

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Abstract

This is the abstract.

It consists of two paragraphs.

Keywords: key; dictionary; word

1 Introduction

This template is based on the generic OUP template available here. The original OUP sample tex document, providing more details on prefered formatting for LaTeX docu-

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ments, is included with the template in the file `ouparticle_sample.tex`.

Here are two sample references: Feynman and Vernon Jr. (1963; Dirac 1953). Bibliography will appear at the end of the document.

2 Materials and methods

An equation with a label for cross-referencing:

$$\int_0^{r_2} F(r,\varphi)\mathrm{d}r\,\mathrm{d}\varphi = [\sigma r_2/(2\mu_0)] \int_0^{\infty} \exp(-\lambda|z_j - z_i|)\lambda^{-1} J_1(\lambda r_2) J_0(\lambda r_i\,\lambda \mathrm{d}\lambda) \quad (1)$$

This equation can be referenced as follows: Eq. 1

2.1 A subsection

A numbered list:

1) First point
2) Second point
    - Subpoint

A bullet list:

- First point
- Second point

3 Results

3.1 Generate a figure.

```
plot(1:10,main="Some data",xlab="Distance (cm)",ylab="Time (hours)")
```

You can reference this figure as follows: Fig. 1.

```
plot(1:5,pch=19,main="Some data",xlab="Distance (cm)",ylab="Time (hours)")
```

Reference to second figure: Fig. 2

3.2 Generate a table using `xtable`

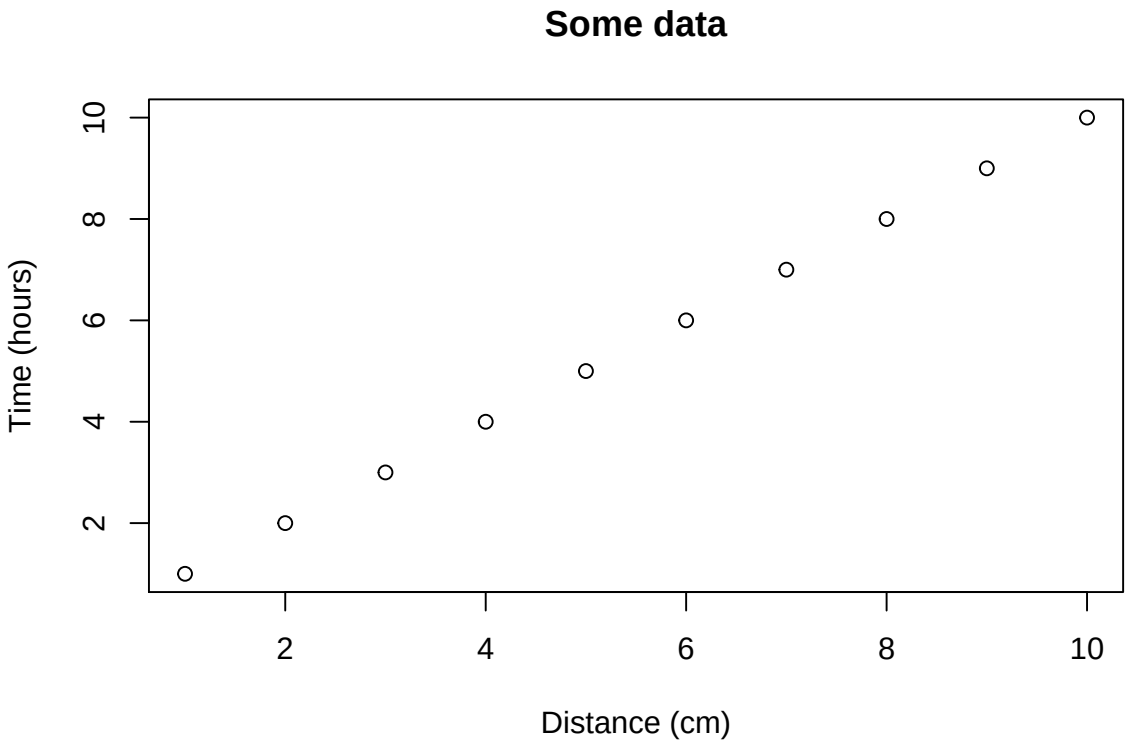

Figure 1: This is the first figure.

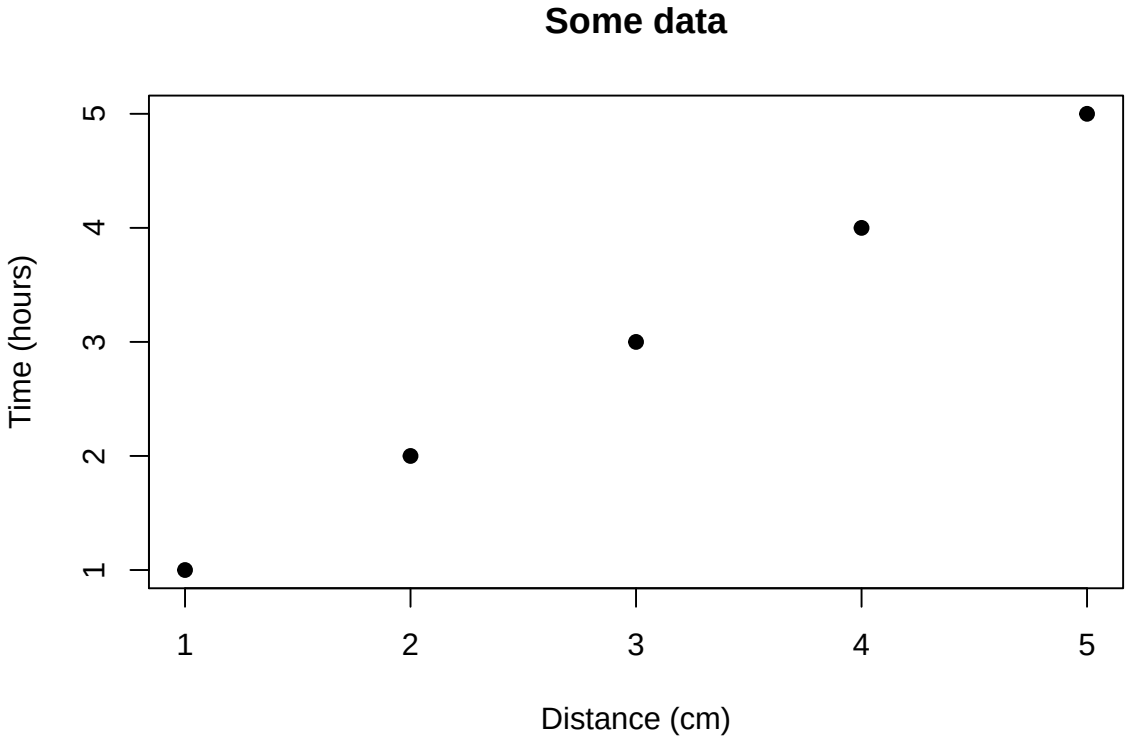

Figure 2: This is the second figure.

```
df = data.frame(ID=1:3,code=letters[1:3])

# Creates tables that follow OUP guidelines using xtable
library(xtable)
```

```
## Warning: package 'xtable' was built under R version 4.0.3
```

```
print(xtable(df,caption="This is the table caption",label="tab:tab1"),
      comment=FALSE)
```

	ID	code
1	1	a
2	2	b
3	3	c

Table 1: This is the table caption

You can reference this table as follows: Table 1.

3.3 Generate a table using `kable`

```
df = data.frame(ID=1:3,code=letters[1:3])

# kable can alse be used for creating tables
knitr::kable(df,caption="This is the table caption",format="latex",
             booktabs=TRUE,label="tab2")
```

You can reference this table as follows: Table 2.

4 Discussion

You can cross-reference sections and subsections as follows: Section 2 and Section 2.1.

Note: the last section in the document will be used as the section title for the bibliography.

Table 2: This is the table caption

ID	code
1	a
2	b
3	c

References

Dirac, P. A. M. 1953. "The Lorentz Transformation and Absolute Time." *Physica* 19 (1-–12): 888–96. https://doi.org/10.1016/S0031-8914(53)80099-6.

Feynman, R. P, and F. L Vernon Jr. 1963. "The Theory of a General Quantum System Interacting with a Linear Dissipative System." *Annals of Physics* 24: 118–73. https://doi.org/10.1016/0003-4916(63)90068-X.

Acknowledgements

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