

# 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 preferred 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:

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

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

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

Generate a table.

### Some data

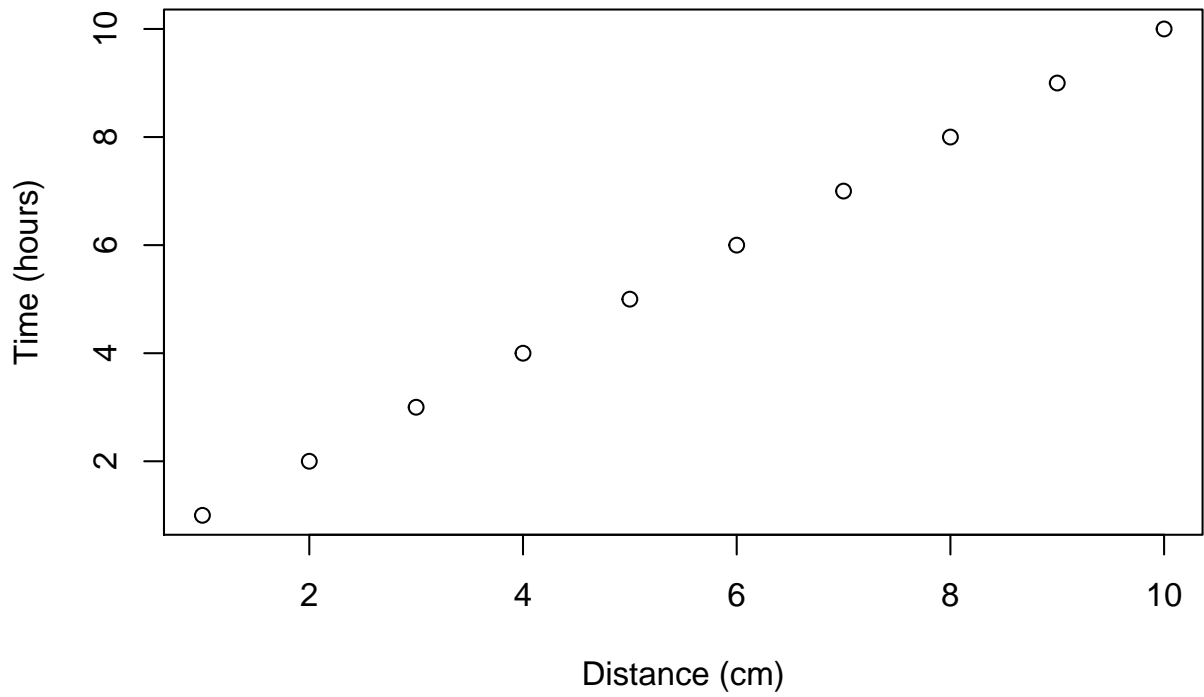


Figure 1: This is the first figure.

### Some data

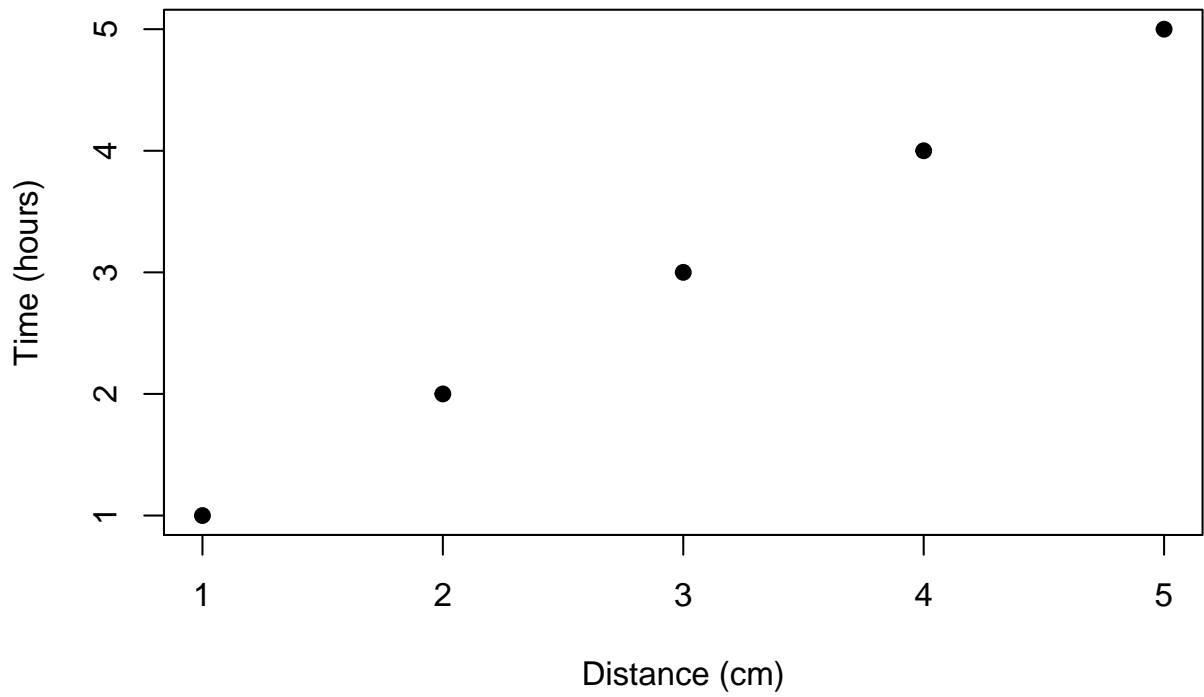


Figure 2: This is the second figure.

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

## 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.

## Acknowledgements

This is an acknowledgement.

It consists of two paragraphs.

## References

- P.A.M. Dirac. The lorentz transformation and absolute time. *Physica*, 19(1–12):888–896, 1953. doi: 10.1016/S0031-8914(53)80099-6.
- R.P Feynman and F.L Vernon Jr. The theory of a general quantum system interacting with a linear dissipative system. *Annals of Physics*, 24:118–173, 1963. doi: 10.1016/0003-4916(63)90068-X.