# Article Name

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**Abstract**

This is the abstract.

1. what is the study about?

2. what problem does it address?

3. how did you conduct the research?

4. what were the main findings?

5. why is it important?

*Key words:* keywordA, keywordB

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# 1. Introduction

1. general information
2. research gap
3. research aim

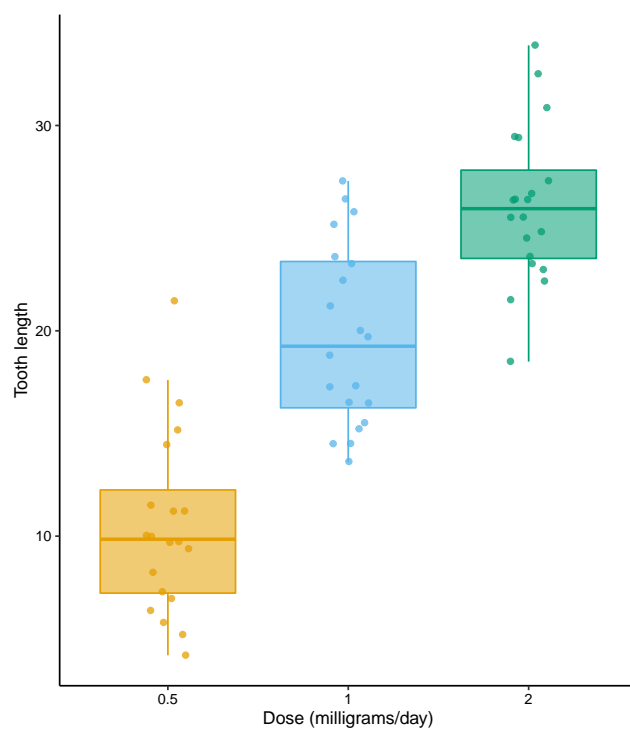# 2. Materials and methods

## 2.1. Adding figures

Add Fig. 1 here.



Figure 1: A boxplot

If the caption is too long (fig.2), use the text-reference. See the code in "elsevier/manuscript.Rmd" for more information.

Figure 2: This is a very long caption

## 2.2. Adding tables

Table 1: Mean and Median

| Supplement type | Median | Mean |
|:---:|:---:|:---:|
| OJ | 22.7 | 20.66333 |
| VC | 16.5 | 16.96333 |

## 2.3. Adding equation

1. The *variable x* and the **function** $f(x)$
2. The *variable x* and the **function** $f(x)$
3. superscript$^2$
4. $NO_2$, $NO_3$, $PO_4$, $NH_4$

$$Y|X \sim Bernoulli(p)$$

or

$$p(x) = P(Y = 1|X = x) = \begin{cases} p_1 = P(Y = 1|X \leq cp), & \text{if } x \leq cp \\ p_2 = P(Y = 1|X > cp), & \text{if } x > cp \end{cases} \tag{1}$$

## 2.4. Cross-reference

- figure: \ref{fig:label}
- table: \ref{tab:label}

- equation: `\ref{eq:label}`
- section: `\ref{label}`

**Note:** only alphanumeric characters (`a-z`, `A-Z`, `0-9`), `-`, `/`, and `:` are allowed in labels.

1. Fig.1 and fig.2
2. Table. 1
3. Equation 1
4. Section 1 and section 2.1

*2.5. Citation syntax*

- cite directly Davis et al. (2009)
- put citations in parentheses (Walls et al., 2018)
- cite multiple entries (Davis et al., 2009; Walls et al., 2018)
- suppress the mention of the author (2011)

## 3. Results

*3.1. Use code inline*

The maximum tooth length is 33.9.

*3.2. Random things*

- download `.csl` file at Zotero Style Repository
- *References* section is created at the end of the document by default. To put *References* section in a specific place (e.g. before Supplementary Materials):

```
# References
<div id="refs"></div>
# Supplementary Materials
```

- check spelling in rmarkdown: `F7`
- word count addin

**4. Discussion**

**5. Conclusions**

**Declaration of competing interest**

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

**CRediT authorship contribution statement**

**Author One:** Conceptualization, Methodology, Investigation, Data curation, Formal analysis, Visualization, Writing - Original Draft, Writing - review & editing. **Author Two:** Supervision, Project administration, Funding acquisition, Conceptualization, Resources, Writing - Review & Editing. **Author Three, Author Four:** Investigation.

Further information here.

**References**

Davis, T.W., Berry, D.L., Boyer, G.L., Gobler, C.J., 2009. The effects of temperature and nutrients on the growth and dynamics of toxic and non-toxic strains of Microcystis during cyanobacteria blooms. Harmful Algae 8, 715–725. https://doi.org/10.1016/j.hal.2009.02.004

Liu, X., Lu, X., Chen, Y., 2011. The effects of temperature and nutrient ratios on Microcystis blooms in Lake Taihu, China: An 11-year investigation. Harmful Algae 10, 337–343. https://doi.org/10.1016/j.hal.2010.12.002

Walls, J.T., Wyatt, K.H., Doll, J.C., Rubenstein, E.M., Rober, A.R., 2018. Hot and toxic: Temperature regulates microcystin release from cyanobacteria. Science of the Total Environment 610-611, 786–795. https://doi.org/10.1016/j.scitotenv.2017.08.149

**Supplementary materials**

Fig.S1 is in Supplementary materials.



Figure S1: A plot in Supplementary Materials

Table.S1 is in Supplementary materials.

Table S1: This table again

| Supplement type | Median | Mean |
|:---:|:---:|:---:|
| OJ | 22.7 | 20.663 |
| VC | 16.5 | 16.963 |

Some random SAS code

```
PROC MCMC
   data=Data outpost=Dataoutput
       nbi=1000000
       nmc=1000000
       thin=10
       seed=1
       diag=all
       monitor=(p1 p2 cp I w);
```

**Highlights**

Short collection of bullet points: novel results + new methods

- submitted: separate editable file -> online submission system.

- file name: 'Highlights'

- 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point)


**Graphical abstract**

Delete `eval=FALSE` before run the code chunk

**Cover letter**

*New submission*

Month Day, Year

Dear Dr. AAA,

I am happy to submit my manuscript, **article_name**, for your consideration at *journal_name*. This work *do sth interesting*. The main conclusion is that *sth cool*.

All of the authors have read and approved the paper and it has not been published previously nor is it being considered by any other peer-reviewed journal.

The manuscript has also been submitted to bioRxiv as a preprint.

Sincerely,

Author_name, PhD
Professor

*Resubmissions*

Month Day, Year

Dear Dr. BBB,

I am happy to resubmit my manuscript, **article_name**, for your reconsideration at *journal_name*. I am grateful to you and the reviewers who were very encouraging about the content of the manuscript.
I apologize for taking so long to resubmit.
Too many things got in the way over the past few months.

All of the authors have read and approved the paper and it has not been published previously nor is it being considered by any other peer-reviewed journal.

The manuscript was previously submitted to bioRxiv as a preprint.

Sincerely,

Author_name, PhD
Professor

**Response to reviewers**

*Reviewer #1 (Comments for the Author):*

**copy the comment of the reviewer here**

We have revised the sentence to the following: "sth you revised"

*Reviewer #2 (Comments for the Author):*

**copy the comment of the reviewer here**

Your response here

A great example here.