

# Draft Manuscript

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2022-09-20

**Title:** Can gradients in annual rainfall & forest type predict the distribution & abundance of 4 Ericaceous shrubs? -  
BIOL 548T LDP

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**Author Contributions:** EM conceived of the study, conducted the analyses, and wrote the original, and revised drafts of the manuscript.

**Data Availability:** The data and code that support the findings of this study are openly available on Zenodo / GitHub at [https://link\\_to\\_archived\\_release\\_or\\_GitHub.com](https://link_to_archived_release_or_GitHub.com).

If I was publishing this as an HTML document and wanted the link to be pretty versus human readable, I would use this format instead

**Conflict of Interest statement**

No conflicts of interest

**Acknowledgements:** We would like to thank a whole bunch of people.

## Abstract

1. Ecologists often have lots of questions about lots of stuff

2. We evaluated a bunch of things using sophisticated methods and carried out complicated statistical tests

3. We discovered a bunch of things that we didn't already know but suspected

4. Our research has greatly advanced our knowledge about stuff and will make a significant contribution to something and someone

**Key-words:** Ecology, Ericaceae, LDP, Plant Ecology, Vegetation Mapping, Vegetation Patterns

## 26 **Introduction**

## 27 **Methods**

28 To evaluate the ...

29 The above demonstrates both “inline” and “display” math formats. If you look at the Source version you will see that  
30 it is simply the number of \$ symbols before and after that differentiates between the two. An excellent (and simple)  
31 guide on inserting math into your R Markdown documents can be found here:

32 <https://rpruim.github.io/s341/S19/from-class/MathinRmd.html>

33 Statistical analyses were carried out in R 3.4.0 (R Core Team 2017). All code along with the simulation algorithms  
34 used are available on Zenodo / GitHub [https://link\\_to\\_archived\\_release\\_or\\_GitHub.com](https://link_to_archived_release_or_GitHub.com).

## 35 **Results**

## 36 **Discussion**

## 37 **References**

## Tables

**Table 1.** Mean body mass of penguins on different islands over time.

Note: for the word version the `kable` does not output correctly. You could try using `flextable` package instead:

<https://taahoonh.me/content/post/alternative-to-kable-function-when-knitting-to-ms-word.html>

```
```{#r table_01, message=FALSE, warning=FALSE, include=FALSE, paged.print=TRUE}
```

**without the “hold\_position” the table ends up at the top of the page**

```
\newpage
```

```
# Figure Captions
```

```
**Figure 1**. Pretty coloured dots about penguins
```

```
**Figure 2**. Wow, even prettier plot about penguins that shows stuff
```

```
\newpage
```

```
# Figures
```

```
![]()
```

```
Figure 1.
```

```
\newpage
```

```
```{#r figure_02, echo=FALSE, message=FALSE, warning=FALSE}
```

```
Figure 2.
```

65 Figure 3.

```
66 {#{r file="../../../scripts/figure_03.R"} # this code chunk calls an external script to generate  
67 the plot. If you # want to load or run code not for a plot you could also use the following.  
68 # Note that it does not seem to work for plots. # source("../scripts/figure_03.R", local  
69 = knitr::knit_global())
```

