Your Awesome Title

Author One and Author Two

2017-02-28 12:53:19

**Running headline**: Environment and species richness

**Abstract**: Your awesome abstract here.

# Introduction

Here is your introduction. It should describe clearly the rationale for the study being done and the previous work related with the study. It should also tell readers about your specific hypothese/questions being addressed. Citations will be like this (Adair et al. [2010](#ref-adair_single-pool_2010)), or (e.g., Clark and Tilman [2008](#ref-clark_loss_2008)), or (Eriksson and Ehrlén [1993](#ref-eriksson_seed_1993), Williamson et al. [1999](#ref-williamson_dissolved_1999))

Here is the second paragraph of the introduction.

# Methods

Here is the method section. You can include equations easily. For inline equations, use . For display equation, use

## Results

#### Tables

Insert tables by kable in knitr package in R. Then cross-reference it back with: see Table 1.

Table 1 Caption here.

|  |  |
| --- | --- |
| Plot | sprich |
| 3294 | 31 |
| 3297 | 28 |
| 3299 | 26 |
| 3330 | 27 |

Put results inline, e.g. the mean species richness is 28.

#### Insert tables by xtable package in R

Show as Table. :

#### Insert tables by hand

Show as Table. 2:

(#tab:byhand) Caption here.

|  |  |  |  |
| --- | --- | --- | --- |
| Col A | Col B | Col C | Col D |
| row 1 | 190 |  |  |
|  | 0.13 | 0.12 | 0.12 |
|  | 0.14 | 0.13 | 0.50 |
|  | 0.15 | 0.31 | 0.52 |

#### Figures

Insert figure by code chunk. And cross-ref it back as Figure 1.

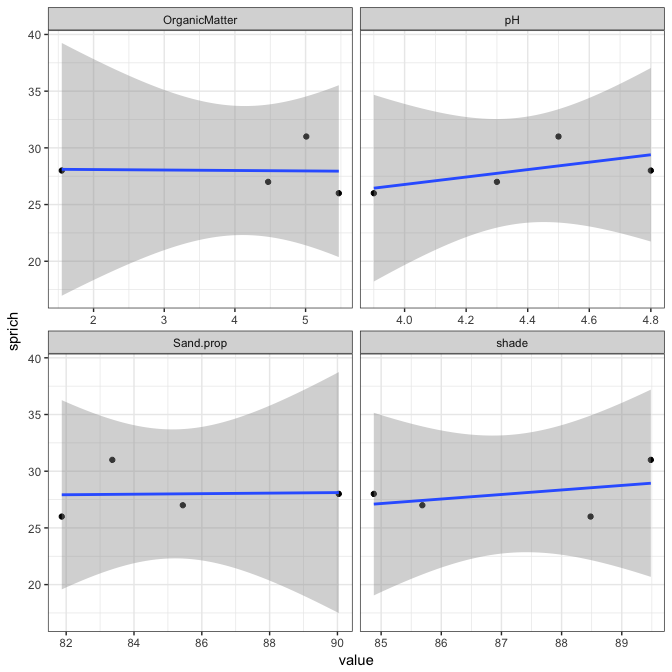


Figure 1 Your caption here.

Or if you already have the figure: And cite it as Figure 2.

![Figure 2 Caption here.](data:application/pdf;base64,)

Figure 2 Caption here.

# References

Adair, E. C. et al. 2010. Single-pool exponential decomposition models: Potential pitfalls in their use in ecological studies. - Ecology 91: 1225–1236.

Clark, C. M. and Tilman, D. 2008. Loss of plant species after chronic low-level nitrogen deposition to prairie grasslands. - Nature 451: 712–715.

Eriksson, O. and Ehrlén, J. 1993. Seed and microsite limitation of recruitment in plant populations. - Oecologia 92: 361–366.

Williamson, C. E. et al. 1999. Dissolved organic carbon and nutrients as regulators of lake ecosystems: Resurrection of a more integrated paradigm. - Limnology and Oceanography 44: 795–803.