Relationships between environmental variabels and species richness

D. Li D. Waller

Working paper – February 10, 2015

Running headline: Environment and species richness

Abstract: Your awesome abstract here.

1 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), or (e.g., Clark and Tilman 2008), or (Eriksson and Ehrlén 1993, Williamson et al. 1999)

Here is the second paragraph of the introduction.

2 Methods

Here is the method section. You can include equations easily. For inline equations, use $\text{var}(X) = p(1-p)$. For display equation, use

$$\text{var}(X) = p(1-p) \tag{1}$$

2.1 Results

Plot	sprich
3294	31
3297	28
3299	26
3330	27

Insert tables by `kable` in knitr package in R Put results inline, e.g. the mean species richness is 28.

Insert tables by `xtable` package in R Show as Table. 2:

Table 2: Caption here

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
pH	1	4.58	4.58	4.77	0.2733
shade	1	8.45	8.45	8.80	0.2070
Residuals	1	0.96	0.96		

20 **Insert tables by hand** Show as Table. 3:

Table 3: Caption here.

Col A	Col B	Col C	Col D
row 1	190	112 ± 2	233 ± 3
η	0.13	0.12	0.12
η^2	0.14	0.13	0.50
η^3	0.15	0.31	0.52

21 **Figures** How about figures? We illustrate this in Fig. 1.

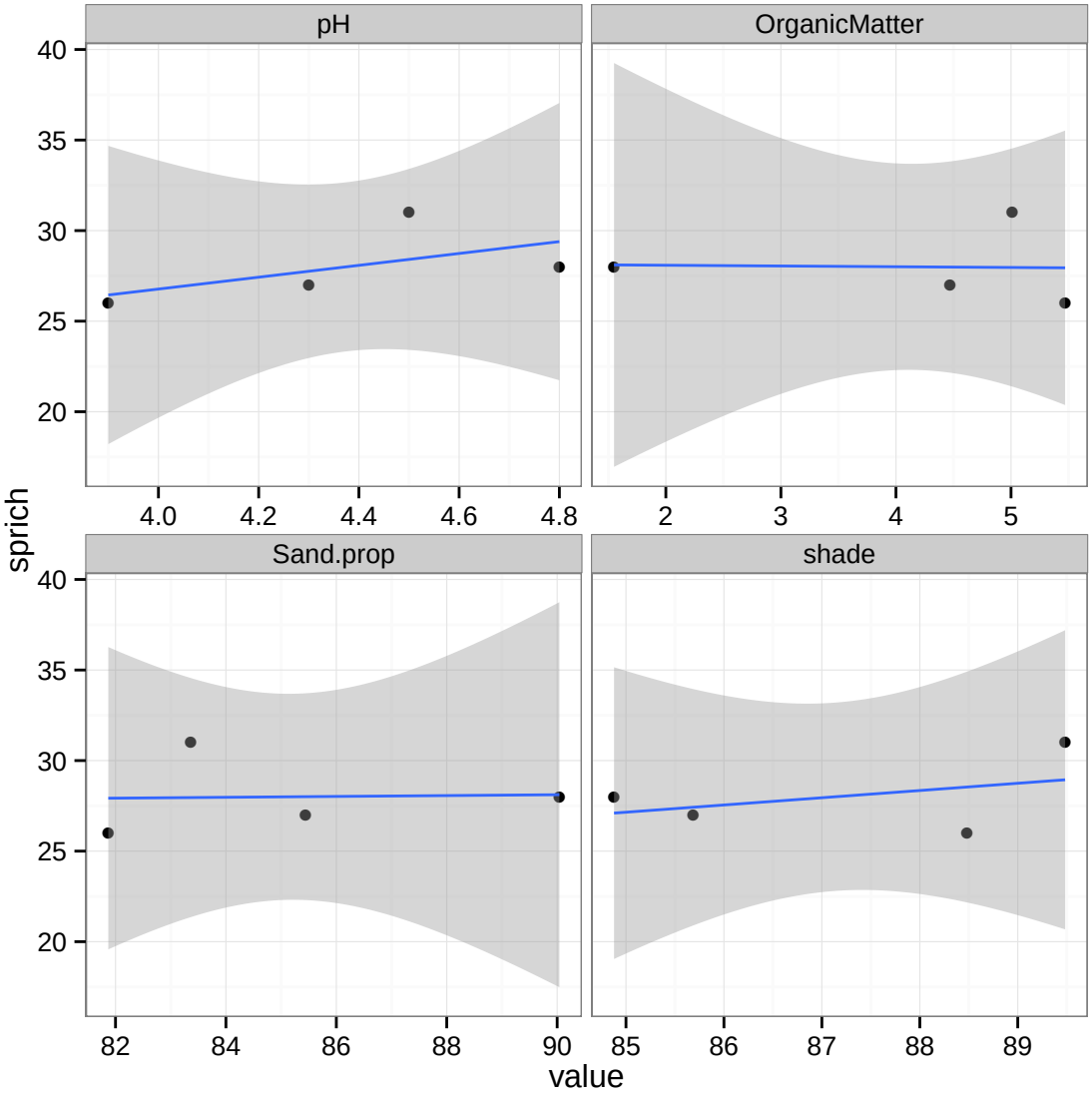

Figure 1: Caption here.

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.