

A template for writing manuscripts in Rmarkdown

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Write your abstract here.

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INTRODUCTION

Write your introduction here. You can cite bibliography like this (Yan and Gerstein 2011, Sutherland et al. 2011), if you provide a BibTeX file with references. See

http://rmarkdown.rstudio.com/authoring_bibliographies_and_citations.html for more information.

Or you could also use [knitcitations](#) or [RefManageR](#) to fetch bibliographic metadata automatically from the web. For example, citing a paper can be as easy as providing its DOI (Clark and Gelfand 2006) or even just a few keywords (Ricklefs 2008). They will then automagically appear in the list of cited references.

You can even specify the desired output format for your bibliography by including a style file for a specific journal (e.g. “ecology.csl”). Many different bibliography styles (CSL files) can be obtained at <http://citationstyles.org/> or <https://github.com/citation-style-language/styles>.

25 METHODS

26 Study Area

27 We worked in a **beautiful** place with lots of trees, like *Quercus suber* and *Laurus nobilis*.

28 Data collection and analysis

29 We applied a linear model where

$$y_i = \alpha + \beta * x_i$$

30 We used the statistical language R (R Core Team 2018) for all our analyses. These were implemented in
31 dynamic rmarkdown documents using **knitr** (Xie 2014, 2015, 2018) and **rmarkdown** (Allaire et al.
32 2018, Xie et al. 2018) packages. All the multilevel models were fitted with **lme4** (Bates et al. 2015).

33 RESULTS

34 Trees in forest A grew taller than those in forest B (mean height: 25 versus 13 m). And many more
35 cool results that get updated dynamically.

36 DISCUSSION

37 Discuss.

38 CONCLUSIONS

39 ACKNOWLEDGEMENTS

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Table 1: A glimpse of the famous *Iris* dataset.

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa
5.4	3.9	1.7	0.4	setosa

Table 2: Now a subset of mtcars dataset.

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Merc 280	19.2	6	167.6	123	3.92	3.440	18.30	1	0	4	4
Merc 280C	17.8	6	167.6	123	3.92	3.440	18.90	1	0	4	4
Merc 450SE	16.4	8	275.8	180	3.07	4.070	17.40	0	0	3	3
Merc 450SL	17.3	8	275.8	180	3.07	3.730	17.60	0	0	3	3
Merc 450SLC	15.2	8	275.8	180	3.07	3.780	18.00	0	0	3	3
Cadillac Fleetwood	10.4	8	472.0	205	2.93	5.250	17.98	0	0	3	4
Lincoln Continental	10.4	8	460.0	215	3.00	5.424	17.82	0	0	3	4

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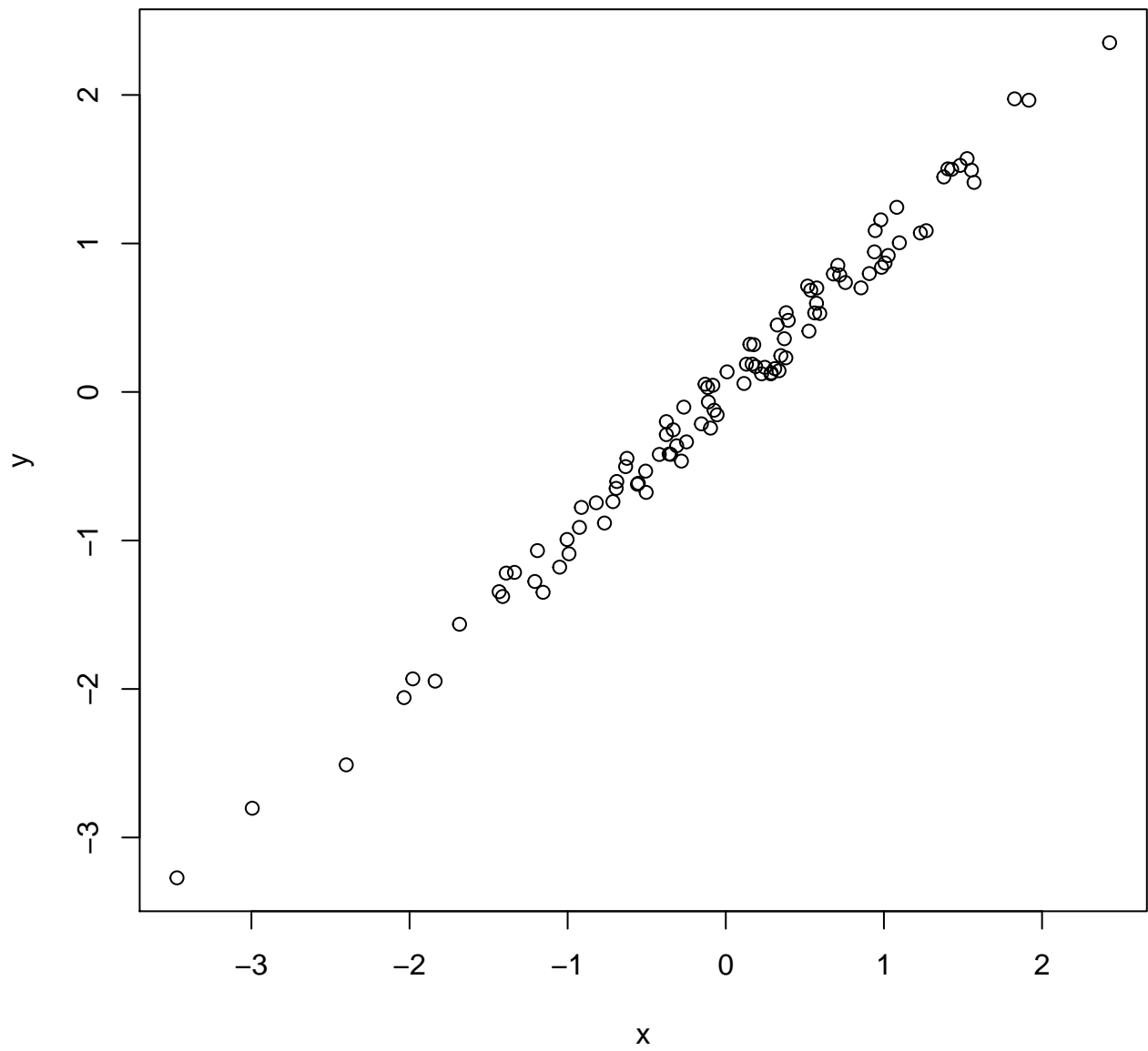


Figure 1: Just my first figure with a very fantastic caption.

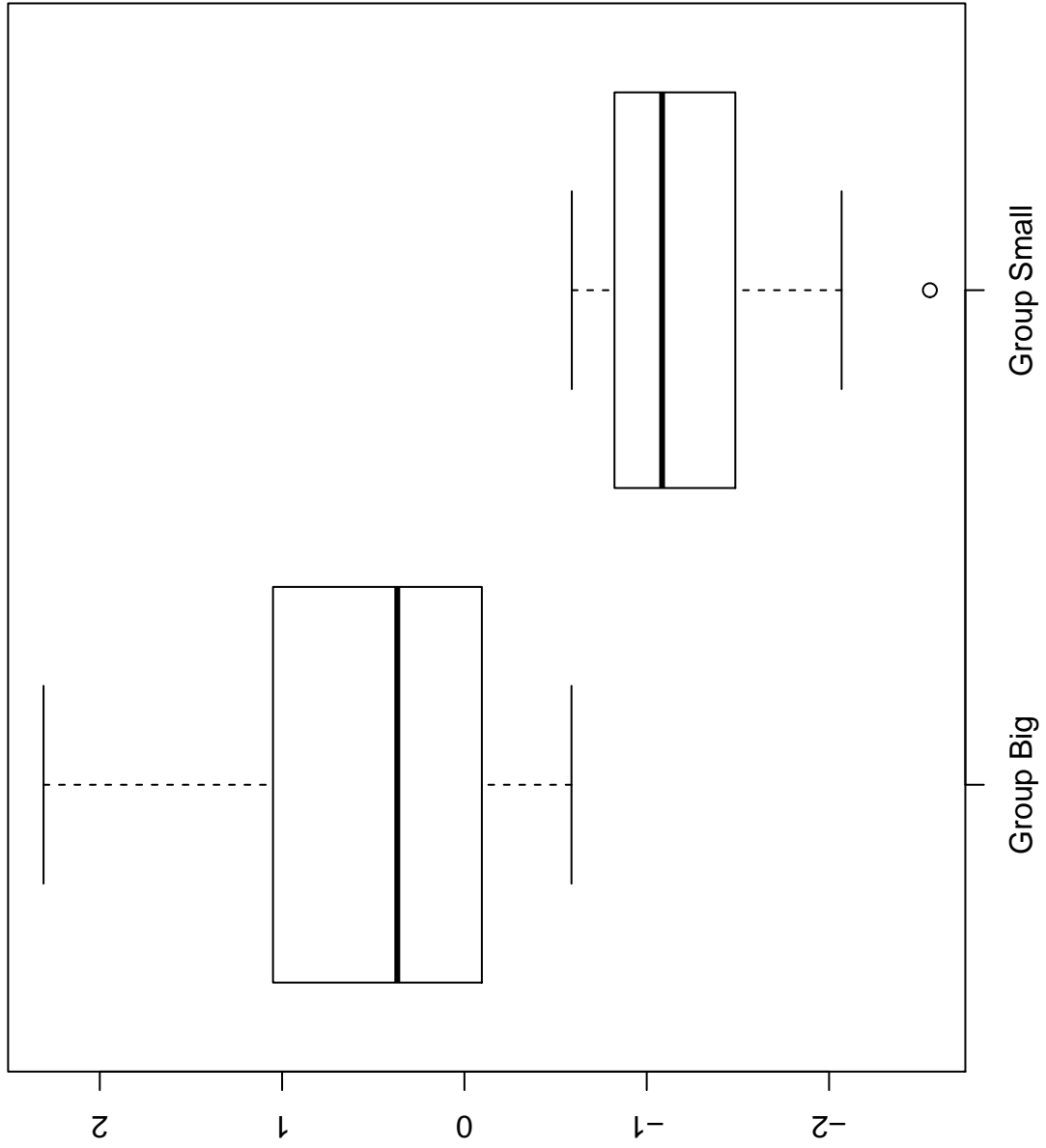


Figure 2: Second figure in landscape format.