

RMarkdown: Write for Science!

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Contents

1	Introduction	1
2	What can we do?	1
3	What can we make?	2
4	How?	2
	References	2

1 Introduction

Have you ever tried moving a table in Word? How about inserting an image into Google Docs? Switching between your stats program and report becoming a nightmare? Do you hate citations (Reference 2020)?

2 What can we do?

This course will help you to transition smoothly into the world of RMarkdown, where you can do your statistical analysis and write your entire report/essay in a single document! RMarkdown takes care of things like formatting and figure/table placement for you without worrying about the nitty gritty.

Table 1: Here's some data!

x	y
0.653	0.047
0.105	0.812
0.151	0.483
0.268	0.840
0.507	0.425
0.439	0.485

3 What can we make?

RMarkdown also unifies your output: Word, PDF and Webpage. It can also produce Presentations and Posters all from a single document with the touch of a button. Cross-Referencing is a breeze, as can be seen in 1 and 1.

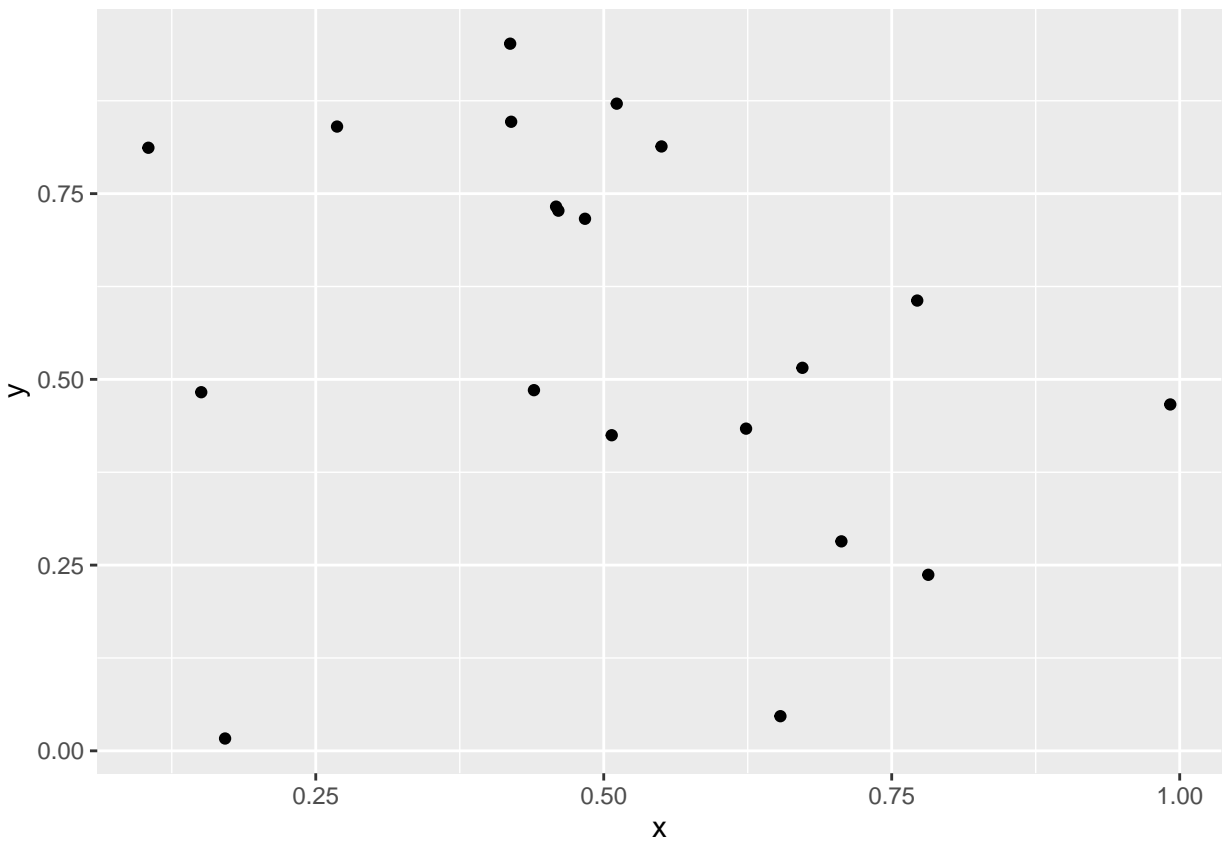


Figure 1: Plots are easy!

4 How?

We combine elements of R (the statistical package) and Markdown (the way you format comments on forums like Reddit) into one system and *knit* them into a document. For an example of what you'll be able to produce after this session, see here::

- HTML A html version of this file
- PDF A pdf version of this file
- Word A Word version of this file

References

Reference, Mr A. 2020. "I Hate Reference: How to Cite in Rmarkdown."