

RMarkdown: Write for Science!

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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, see Table 1 for details

Table 1: Here's some data!

x	y
0.274	0.105
0.349	0.200
0.238	0.009
0.675	0.510
0.409	0.994
0.782	0.409

3 What can we make?

RMarkdown also unifies your output: Word, PDF, Webpage, Presentations and Posters can all come out of a single document with the touch of a button.

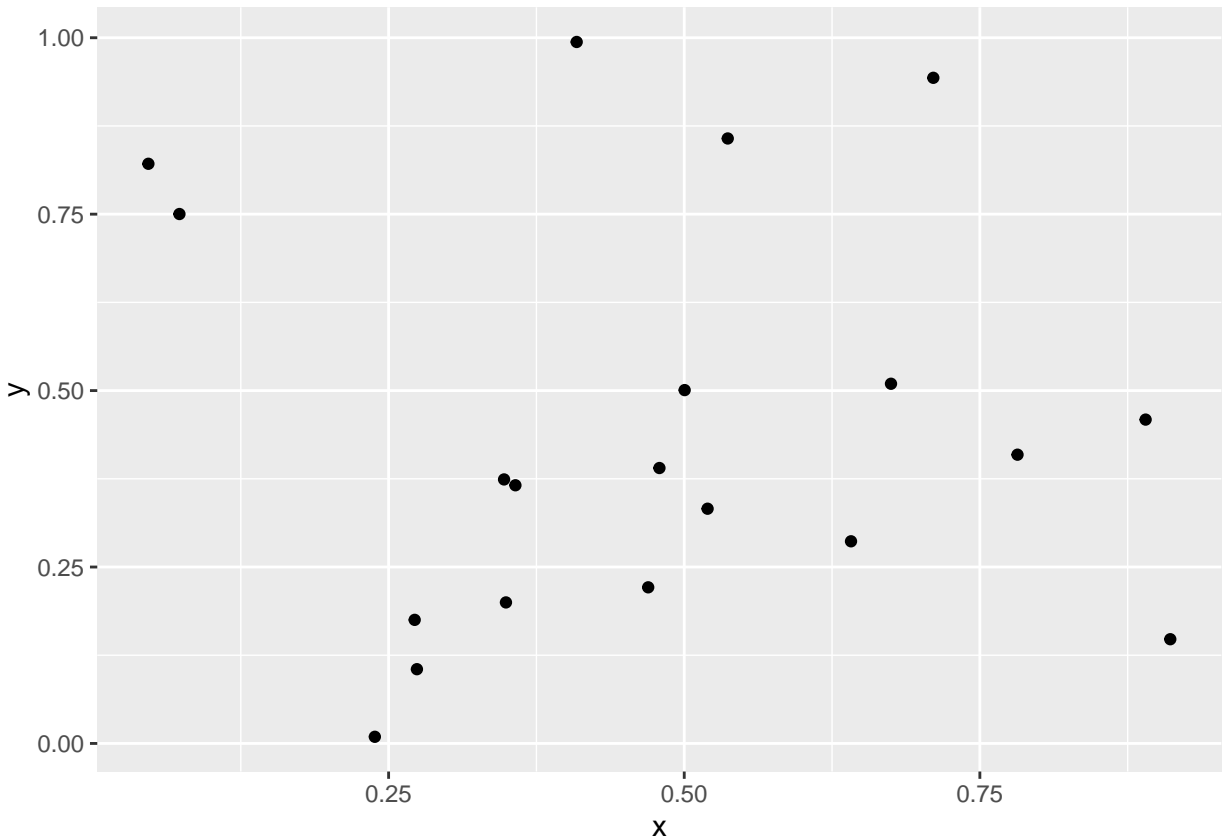


Figure 1: Plots are easy!

4 How?

We combine elements of R (the statistical package) and Markdown (the way you format comments on 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."