

Example 2: Tables in RMarkdown

RMarkdown Tables

This is our second paragraph in RMarkdown. This document briefly shows how you can place tables into your RMarkdown documents.

How about a table? There are many functions you can use to embed tables in your reports

First, `knitr::kable ...`

Table 1: Kable

y	x1	x2
0.5847846	-13.80565	-0.5507991
0.5234713	28.34223	0.1890164

Next: `xtable`. The argument `comment` is set to `FALSE` to prevent `xtable` from including extra timestamp information above the table. Notice the latex code is produced directly below, rather than a table like we want. To fix this, we add the argument `results = "asis"` in within the `{}` of the R code chunk.

```
## \begin{table}[ht]
## \centering
## \begin{tabular}{rrrr}
##   \hline
##   & y & x1 & x2 \\
##   \hline
## 1 & 0.58 & -13.81 & -0.55 \\
## 2 & 0.52 & 28.34 & 0.19 \\
##   \hline
## \end{tabular}
## \caption{xtable}
## \end{table}
```

The following table results from adding `results = "asis"` within the `{}` of the R code chunk.

Table 2: xtable			
	y	x1	x2
1	0.58	-13.81	-0.55
2	0.52	28.34	0.19

Also, Stargazer! Notice that summary information for each variable is presented by stargazer. The argument `header = F` is specified to stop stargazer from including extra timestamp information above the table.

Table 3: Stargazer

Statistic	N	Mean	St. Dev.	Min	Max
y	2	0.554	0.043	0.523	0.585
x1	2	7.268	29.803	-13.806	28.342
x2	2	-0.181	0.523	-0.551	0.189

XTable Extras

There are a lot of extra arguments that can be passed to `print()` when using `xtable`. These arguments, such as `add.to.row`, `only.contents` (for adding extra structure to the headers of the table), etc. which can be very helpful in customizing the look of tables in your reports for publication quality PDFs. For a list of options to print for xtables, type `?print.xtable` in your R session.