

Analysis

AJ Rossini

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Abstract

Data analysis of large chunks of lab data.

Possible settings for sweave chunks:

- `eval=TRUE`
- `fig=TRUE, eps=FALSE`
- `results=hide, tex`
- `echo=TRUE`
- `prefix=FALSE`
- `include=FALSE`

Indexing works. You can see that from Table 1.1 and Figure 2.1.

```
> x <- rnorm(10) + 2
> y <- x + rnorm(10)
> my.lm.fit <- lm(y ~ x)
```

Chapter 1

Tables

Loading required package: xtable

We have our first table
and the second table, with Caption and \LaTeX reference label.

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.0115	0.6166	0.02	0.9856
x	0.8839	0.2708	3.26	0.0115

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.0115	0.6166	0.02	0.9856
x	0.8839	0.2708	3.26	0.0115

Table 1.1: My First Table Caption

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.0115	0.6166	0.02	0.9856
x	0.8839	0.2708	3.26	0.0115

We could do the same thing and echo the code, as well:
 We have our first table

```
> if (xtableExists) {
+   xtable(my.lm.fit)
+ }
```

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.0115	0.6166	0.02	0.9856
x	0.8839	0.2708	3.26	0.0115

Table 1.2: My Second Table Caption

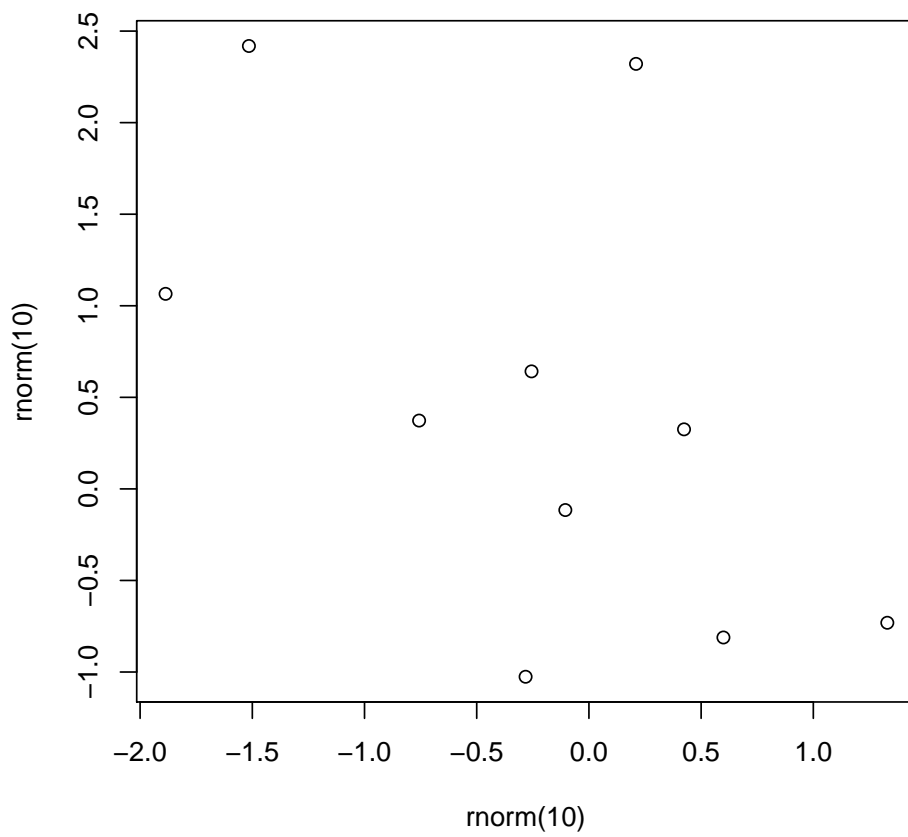
and the second table, with Caption and L^AT_EX reference label.

```
> if (xtableExists) {
+   xtable(my.lm.fit, caption = "My Second Table Caption", label = "tab:2")
+ }
```

Chapter 2

Figures

Normally you can just include plots, by specifying that the chunk generates a figure.



However, if you want more control, such as Labels on figures as well as floating placement (i.e. letting \LaTeX place it for you appropriately), you might:

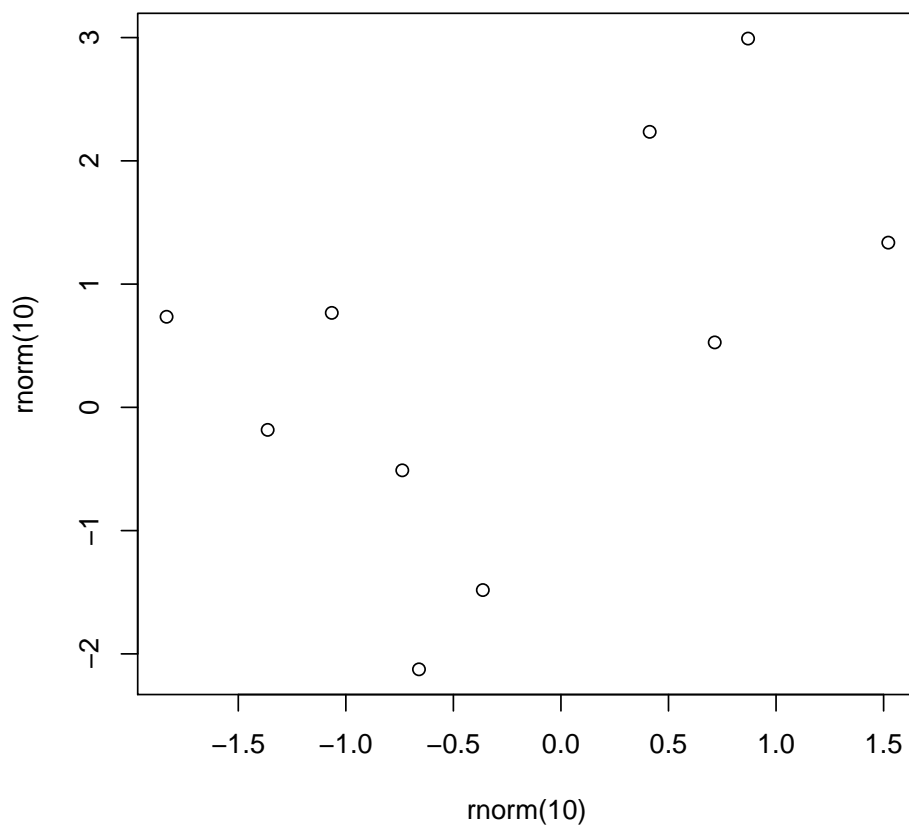


Figure 2.1: Example of more control