R in Action 2nd Edition - Errata

Chapter 1

page17 (pBook only)

The ? should be a continuation arrow indicating that the entire command is typed on one line

```
"C:\Program Files\R\R-3.1.0\bin\R.exe" CMD BATCH
? –vanilla –slave "C:\my projects\myscript.R"
```

Chapter 3

page 61

Listing 3.3 should have a comma at the end of the 16th line:

```
legend("topleft", inset=.05, title="Drug Type", c("A","B"),
lty=c(1, 2), pch=c(15, 17), col=c("red", "blue"))
```

page 69

In Listing 3.4,

```
plot(mtcars$wt, mtcars$mpg,
   xlab="Miles Per Gallon",
   ylab="Car Weight")
par(fig=c(0, 0.8, 0.55, 1), new=TRUE)
boxplot(mtcars$wt, horizontal=TRUE, axes=FALSE)
par(fig=c(0.65, 1, 0, 0.8), new=TRUE)
boxplot(mtcars$mpg, axes=FALSE)
```

should be

```
plot(mtcars$mpg, mtcars$wt,
   xlab="Miles Per Gallon",
   ylab="Car Weight")
par(fig=c(0, 0.8, 0.55, 1), new=TRUE)
boxplot(mtcars$mpg, horizontal=TRUE, axes=FALSE)
par(fig=c(0.65, 1, 0, 0.8), new=TRUE)
boxplot(mtcars$wt, axes=FALSE)
```

Chapter 14

page 336

In figure 14.6, the variable "blocks" should also have a rectangular border

Chapter 15

page 364 (pBook only)

The first column in Table 15.6 is incorrect. The table should be

Model	ACF	PACF
ARIMA(p, d, 0)	Trails off to zero	Zero after lag p
ARIMA(0, d, q)	Zero after lag q	Trails off to zero
ARIMA(p, d, q)	Trails off to zero	Trails off to zero

Chapter 18

page 420

The latest version of VIM no longer includes a GUI (it is now is a separate package called VIMGUI). Therefore the last line of the first paragraph should be deleted/ignored.

> ~~(The VIM package opens a GUI interface. You can close it; you'll be using code to accomplish the tasks in this chapter.)~~

page 421

Last paragraph – The variables `Gest` and `Dream` should be in code font.

page 432

The first paragraph should read

> In this example, correlations between any two variables use all available observations for those two variables (ignoring the other variables). The correlation between ~~Kaplan-Meier multiple~~ `BodyWgt` and `BrainWgt` is based on all 62 mammals (the number of mammals with data on both variables). The correlation between ~~Kaplan-Meier multiple~~ `BodyWt` and `NonD` is based on 42 mammals, and the correlation between ~~Kaplan-Meier multiple~~ `Dream` and `NonDream` is based on 46 mammals.

The third paragraph should read

> In simple imputation, the missing values in a variable are replaced with a single value (for example, mean, median, or mode). Using mean substitution, you could replace missing values on ~~Kaplan-Meier multiple~~ `Dream` with the value 1.97 and missing values on ~~Kaplan-Meier multiple~~ `NonD` with the value 8.67 (the means on ~~Kaplan-Meier multiple~~ `Dream` and `NonD`, respectively). Note that the substitution is nonstochastic, meaning that random error isn't introduced (unlike with multiple imputation).

Chapter 19

page 442

In Table 19.2, row 7, colorvalpha should be color, alpha

page 451

The first line should be

> Going back to the choral example, you can create a faceted graph using the following code:

page 453

In table 19.5, the options `method=` and `formula=` should be `method` and `formula` (to match the other entries in the column)

Chapter 20

page 476

The first sentence in the second paragraph from the bottom should read

> The `g()` function uses ~~`k=3`~~ `k=10` no matter what value of k has in the global environment, because k equaled ~~`3`~~ `10` when the function was created.

Chapter 22

page 526

In figure 22.4 each 5 (alone on their own line) should be an @ sign. The @ demarks the end of an r chunk.

Appendix C

page 540

In the last line of code, `col.Names` should be `col.names`.