Errata to first printing: these errors have been corrected in the second printing dated July 2015 and in
the eBook released in July 2015.
Last updated July 12, 2015

Preface

page xvii  - Second sentence
“Star Trek” should be “Star Trek” (my deepest apologies for this particular error)

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"),
lt=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

<table>
<thead>
<tr>
<th>Model</th>
<th>ACF</th>
<th>PACF</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARIMA(p, d, 0)</td>
<td>Trails off to zero</td>
<td>Zero after lag p</td>
</tr>
<tr>
<td>ARIMA(0, d, q)</td>
<td>Zero after lag q</td>
<td>Trails off to zero</td>
</tr>
<tr>
<td>ARIMA(p, d, q)</td>
<td>Trails off to zero</td>
<td>Trails off to zero</td>
</tr>
</tbody>
</table>

Chapter 18

page 420
The latest version of VIM no longer includes a GUI (it is now 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.