Current Errata

p. 118: About a third of the way up from the bottom there is a line containing “A_1, A_2, dots, A_n”. It should read “A_1, A_2, . . . , A_n”. [D. Moelker]

p. 119: In about the middle of the page there appears the matrix

\[
\begin{bmatrix}
B_1 \\
B_2 \\
\vdots \\
B_n
\end{bmatrix}
\]

The dots go in the wrong direction. It should be

\[
\begin{bmatrix}
B_1 \\
B_2 \\
\vdots \\
B_n
\end{bmatrix}
\] [Scofield]

p. 125: In the first paragraph, below the system of linear equations, the word “contraints” is in bold. It should say “constraints”. [A. Boorsma]

p. 131: The final paragraph on the page begins with the words, “This idea is key to finding the inverse . . .”. The word should be “finding”. [J. Karsten]

p. 135: About half-way down the page, a sentence begins with “We first solve Ly = b”. It should say “We first solve Ly = Pb”. [J. Overweg]

p. 150: Exercise 1.7, part (a) says “Explain why a it is . . .”, when it should say “Explain why it is . . .”. [Scofield]

p. 156: Exercise 1.20 says “. . . such that b = c_1v_1 + c_2 + c_3v_3”, when it should say “. . . such that b = c_1v_1 + c_2v_2 + c_3v_3”. [A. Hoogendam & A. Forsythe]

p. 156: Exercise 1.20 says “. . . as a linear combination of v_1, v_1, and v_1”, when it should say “. . . as a linear combination of v_1, v_2, and v_3”. [A. Hollinger]

p. 157: Exercise 1.21, part (c) says “State a prove a general . . .”, when it should say “State and prove a general . . .”. [J. Orndorff & J. Overweg]

p. 163: Exercise 1.34 says “Write a matrix A such that, for each v ∈ \mathbb{R}^2, Av is the reflection . . .”. It should say “Write a matrix A such that, for each v ∈ \mathbb{R}^2, Av is the reflection . . .”. [Scofield]

1Items in blue have been fixed in more recent handouts
p. 164: Exercise 1.37, part (c) says the effective center of the ‘F’ is the point (2.25, 4). It should be (2.75, 4). [Scofield]

p. 166: Exercise 1.48 says “... when is has full rank”, when it should say “... when it has full rank”. [D. Esquivel]

p. 205: The 3rd line in point 2 (“the trivial subspace”) has a sentence that starts with “Though these elements ...” and winds up being something of a sentence fragment. If the words “the fact that” found further on in that sentence are replaced with the single word “since”, the original meaning of the sentence is recovered. [Scofield]

p. 420: The url giving the website for the “mentrack” data is missing a tilde (~). [A. Boorsma]

p. 432: In the first sentence of the paragraph immediately following Example 4.6.2, the word “ho” should be “how”. [Scofield]

p. 435: In the final paragraph on the page, there appears the sentence: “First, it does not requires that each ...”. The word “requires” should be singular (“require”). [Scofield]

p. 450: In Exercise 4.1 the word “builtin” should be “built-in”. [J. Dornbos]

p. 452: In Exercise 4.18: The exponent applies to the entire fraction, not just the numerator. That is, it should be

\[ t_2 = t_1 \left( \frac{d_2}{d_1} \right)^{1.06}. \]

[J. Karsten & M. Brummell]

p. 453: In Exercise 4.22 the double question mark “??” should be “4.19”. [Scofield]

p. 456: In Exercise 4.32 the reference to Table 4.6 should really be to Table 4.2. [B. Long]

p. 504: The double question mark “??” in the first sentence immediately following Example 5.1.2 should be “5.1.1(c)”. [A. Boorsma]

p. 511: In Example 5.2.5, when listing the different ways for betting “1 white” ball, there is a pairing “(W3,B3)”, which should be “(W2,B3)”. [N. Verseput]

p. 523: Statement 2 in Theorem 5.4.5 says “X ∼ E(λ)” when it should say “X ∼ Exp(λ)”. [Scofield]
p. 526: Statement 4 in Lemma 5.4.10 says \( \sim E(\lambda) \) when it should say \( \sim \text{Exp}(\lambda) \). [Scofield]

p. 510: In the presentation of \texttt{R} commands immediately prior to Example 5.2.4, there are too many parameters for \texttt{dbinom} and \texttt{pbinom}. The correct parameters for these function calls should be \((q, \text{size, prob})\). The \texttt{n} should \textit{not} be there. [A. Boorsma]

p. 550: In Exercise 5.1, part (c), reference is made to Problem A.1. This should be a reference to Exercise A.2 (of the Appendix A). [A. Hoogendam]

p. 550: In Exercise 5.4: The word “weatherman” should be “weathermen”. [J. Dornbos]

p. 551: In Exercise 5.11, part (a), the first sentence should end in a question mark, not a period. [Scofield]

p. 554: In Exercise 5.20 there is a sentence that begins with “Let’s supposes that …”. The word should be “suppose”. [Scofield]

p. 555: In Exercise 5.27 there is a sentence that contains “… the mission ends without all three parts failing …”. The words “all three” should be replace by “both”. [Scofield]

p. 556: Exercise 5.29, part (b) begins with “What is it probability …”. Change “it” to “the”. [J. Dornbos & M. Brummell]

p. 610: In the first paragraph after equation (6.1) it says “… the sample statidard deviation …”. It should say “the sample \textit{standard} deviation”. [A. Boorsma]

p. 622: In the paragraph that begins with the words, “An inspection of these formu-

las …”, there appears “the the” in the second sentence. That should be “on the”. Also, the words “behaves” in the third sentence should be “behave”. [Scofield]

p. 1011: Part (d) of Exercise A.2 says “… the total number of votes case in the Demo-
cratic primary.” The word “case” should be “cast”. [A. Boorsma]