The Statistical Sleuth

A Course in Methods of Data Analysis

Errata Page, 2nd Edition, Printing 4+

Chapter 2

p. 37, Display 2.6: To the right of bubble 4, "0.615" should be ".0615".

p. 53, Exercise 23: The data in the file are hopelessly in error. The correct data can be found in the report at www-nrd.nhtsa.dot.gov/Pubs/808-637.PDF.

Chapter 3

p. 66, Display 3.6. First bubble: Change "iterest" to "interest"

p. 78, Exercise 23, line 4: Change "Herzog" to "Herzberg"

Chapter 4

p. 111, Answer 8 should be: "Yes, but the meaning may be unclear if the variances are substantially unequal."

p. 88, last sentence should end: "...by an estimated 129 seconds (this is the difference in sample median times to complete the problem; a 95% confidence interval for the treatment effect is 58 to 159 seconds, based on the rank-sum test)

Chapter 5

p. 126, Display 5.9, x-axis label should say "F-Ratio Values"

Chapter 8

p. 217, First line in 8.5.2: First sentence should be "Display 8.8 contains two different analysis of variance tables for the insulating fluid data example of Section 8.1.2."

p. 228, Exercise 13, line 2: Change "1987" to "1986"

p. 230, Exercise 21: Change "#1" to "#2"

Chapter 10

p.270, Display 10.3: Change species "Corvus crytoleucos" to "Corvus cryptoleucos"

p. 289, l.3: The beta-hat in the second term should have the subscript "2"

p. 302, Exercise 29, last line: Add a tilde "~" before "hbierens" in the url.

Chapter 11

p. 306, 2nd line from bottom: "(p-value = .93, from F = .209 with 4 and 22 d.f.)" should read "(p-value = .93, from
an F-test for significance of alcoholism and its interaction with gastric activity and sex)"

p. 322, Display 11.13, last line: Change "0.114" (the t-statistic) to "-1.351" and change ".19" (the p-value) to ".19"

p. 335, Exercise 22, line 4: Change "1992" to "1993"

p. 336, Exercise 24, Note about the data: The original paper contained an apparent misprint for the body mass of the southern grasshopper mouse (Onychomys torridus) of 26.8kg. This should be changed to 0.026kg in the data file.

Chapter 12

p. 363, l.2: Delete the phrase "from the model without it"

p. 364, par. 2, line 1: Change "12.13" to "12.2"

p. 364, Display 12.14: The last x-axis tick mark should be "1050" not "1500"

p. 365, line 1: Change "12.13" to "12.2"

Chapter 13

p. 376, Display 13.1, fifth bubble (labeled "L"): Change "Small fish" to "Small and large fish"

p. 377, line 6: Change "0.685" to "0.675"

p. 394, Display 13.16: Change the first p-value from ".1747" to ".3358"

p. 405, Exercise 16, line 1: Change "10.18" to "10.20"

Chapter 14

p. 428, par 1, line 4: Change "5.5.3" to "5.6.3"

p. 434, Display 14.22: Add to the end of the display title: "Tennessee"

Chapter 15

p. 456, Exercise 7, line 2: Change "24" to "23"

p. 458, Exercise 10 table: Change Mean square between lesser from "255.278" to "225.278"

Chapter 16

p. 464, paragraph 2, sentence starting online 5 with "The treatment was associated with": Change "18.6%" to "17.2%, change "14.2" to "7.8", change "23.0%" to "26.6%", change "2.3%" to "-0.7%", change "-2.6" to "-9.7", and change "7.2%" to "8.3%"

p. 464, paragraph 4, last sentence: Change "-2.6%" to "-9.7%" and change "7.2%" to "8.3%"

p. 488, Display 16.14: The arrows in the legend of the star plot are mislabled. Change "8" to "4", change "12" to "8", change "16" to "12" and change "4" to "16"

p. 490, Exercise 4(c), line 4: Change "TMIQ" to "BMIQ"

p.490, Display 16.15, display title: Change "63" to "62"

Chapter 17

p. 517, Display 17.12: Change the last entry in the BT3 column from "68" to "58"

Chapter 18

p. 532, Summary of Statistical Findings, line 2: Change ".0005" to "0.005"

p. 545, Display 18.11: Change the 2nd row label from "Nonmokers" to "Nonsmokers"

Chapter 20

p. 603, Exercise 11, line 3: Change "27" to "28"

p. 607, Display 20.17: Change the column title "POLI" to "PQLI"

Chapter 21

p. 633, Section 21.74, first indented passage: Change "p-value = 0.33" to "p-value = 0.03"

p. 634, Display 21.14: Change 5th entry under the Prior column from ".0883" to ".0833"

Chapter 22

p. 653, Salamander Example, line 2: Change "22.4" to "22.9"

p. 654, fifth line from the bottom: Change "22.5" to "22.6"

p. 659, Display 22.10: Change the p-value corresponding to cover x closed (fourth from bottom) in first box from "0.113" to ".1130"

p. 665, Display 22.13: Change column heading "6-19" to "16-19"

Chapter 22

p. 677, paragraph 4, line 2: Change "2.12" to "2.13"

INSTRUCTOR'S SOLUTION MANUAL

p. 61, problem 11.24: In the legend the line types for Omnivores and Herbivores are reversed. The dashed line is for Omnivores and the dotted line is for Herbivores.

p. 103, 20.15, 5th line from bottom: "053" should be ".053"