Statistics Textbook: Errors: Second Edition (Corrections)

p. 9 last paragraph, should be 3-4, not 3=4.

p. 35 2nd paragraph "flip the coin" should be "throw the die"

p. 37 1st sentence should be 120 - 95 = 25, not 120 - 90 = 25.

p. 66 bottom of page should be 0.0625, not 0.625.

p. 77 second paragraph line 6, should be "68 and 68.1" not "70 and 70.1"

p. 77 second paragraph line 7, should be "68.1 and 68.2", not "70.1 and 70.2"

p. 86 problem 8: Note that Antoine shuffles the deck prior to each draw, and replaces each drawn card back in the deck.

p. 109 Table 3-11 raw data $x_{62} = 4$ and $x_{72} = 0$

p. 110, bottom right section of Table 3-12, line 4 should read $-[0(0.05) + 1(0.3)+2(0.3)+3(0.25)+4(0.10)]^2$

p. 129 14th line from the bottom "heads" should be "6s."

p. 136 second equation should be p (r) not p (i).

p. 139 second equation should be (r/N) not (r N).

p. 144 second equation from bottom should be (1 - p) not (1 - P).

p. 142 N = 11 middle numbers should be 462, not 362.

p. 143 step D5 denominator should be "(i - 1)!(N - i)!", not "(i - 1)!(N - 1)!."

p. 181 bottom half of page: "correlation for continuity" should read "correction for continuity."

p. 182 Figure 6-9. Top, left-hand rounded little piece should be shaded (in general, it is the area under the normal that should be shaded).

p. 187 Figure 6-12: Shaded area should extend further left, all the way to the criterion.

p. 188 Figure 6-13: Area under the curve to the *right* of the criterion should be shaded.

p. 189 last sentence "different from the mean of *un*processed bulbs..." (not "processed bulbs...")

p. 190: figure 6-14 criterion lines are not quite in the right places (they should be closer to the middle in order to actually correspond to 91.8 and 108.2).

p. 191 criteria lines are not in quite the right place on the abscissa (e.g. x = 109.8 is not between 110 and 115).

p. 212 near the middle, should read: $p(513 < M < +oo) = p (1.30 < z < +oo)$ (where the "<" should be ≤).

p. 214 3rd line from the bottom, "$\sigma^2 n$" should be "σ^2/n".

p. 230 #11 2nd line: "that does Crest" should be "than does Crest". Also, on #12, reader should consider *why* 9 of the 10 plants die, and how that affects the conclusions.

p. 236 first equation should read $p (-oo < M < 532.8) = p (-oo < z < 1.29)$.

p. 241 bottom of Figure 8-6, power should be 0.41, not 0.38.

p. 242 near the middle: 1 - 0.59 should be 0.41, not 0.61.

p. 244 top of page "Reaction" not "Rection"

p. 248 Step 3, step 3, third line: "$\sigma^2/$" should be "σ^2/n."

p. 248 Step 3: third line should be "... = 4.00/13 = 0.308" (not "400/13(0.308)").

p. 249 in Figure should be "Erroneously" not "Erroniously".

p. 254 on Figure 8-11, a should be 0.05, not 0.5. Also, in the caption, *n* should be 435 subjects, not 480 subjects . Also, the value of m should be 514, not 114, and this mean should be indicated on the figure itself. Also, the second sentence ("Now we want...") might better read, "Now we want to calculate the *n* that will cause all this to be true."

p. 255 second line: σ_M calculates to 4.79, not 2.79.

p. 257 3rd paragraph "characerize" should be "characterize."

p. 291 in gray box, should be commas after "σ^2", and "is two-tailed"

p. 315 Problem 4b: SD should be 3 inches rather than 3 feet.

p. 317 Problem 9: Eliminate parts 8, 9, 11, and 12.

p. 319 Problem 14: Eliminate Part d.

p. 320 Problem 15, middle of the page notation x should be notation x'.

p. 325 Second line from bottom, numbers within square roots should be divided by 9, not 8.

p. 326 second equation, denominator should be df_j, not df_l.

p. 327 middle of the page, criterion t should be 2.064, not 2.026.

p. 334 last paragraph, eliminate "10".

p. 340 bottom line: should be $\Sigma\Sigma_{xij2}$ (not $\Sigma\Sigma x_{ij}$).

p. 362 near the middle of the page: "dfW is N-J" should be "dfW is N - JK".

p. 420 in the ANOVA table Within degree of freedom should be N - JK, not N - J.

p. 460: Eliminate the section called "Confidence intervals for Pearson r" as it is incorrect. You will get a handout that provides the correct technique.