Chapter 1:

Page 22: In 20(b), delete “(in percents)” as we ask for percents at the end of the sentence.

Page 42, Exercise 43: The top dotplot is missing a dot above 15. See below.

![Dotplot](image)

Page 43: In Exercise 50, after first table: Change wording: “On the same day, the points scored by teams in Division V-AA were”

Page 62: In the box entitled “How to find the standard deviation”, Step 2 should read: 2. Average the squared distances by dividing their sum by \( n - 1 \).

Page 77: In Exercise R1.5, the word Facebook should be in bold in the exercise title.

Page 78: In Exercise R1.10, the word Mercury should be in bold in the exercise title.

Chapter 2:

Page 138, introductory paragraph before Exercises T2.9 and T2.10: Change to “In 2013, the mean was 515…”

Page 138, Exercise T2.7: Change to “If the heights of a population of men follow a Normal distribution, and the middle 99.7% have heights…”

Chapter 3:
Page 181: In the Minitab output in Figure 3.16, the number "0.16292" should be negative: "-0.16292".

Page 193, Exercise 40(c): Change to “Use the regression line to predict the average amount of natural gas Joan will use per day in a month…”

Page 193, Exercise 46: In the second sentence, change to “During March, … and Joan used an average of 490 cubic feet of gas per day.”

Chapter 4:

Page 229, Exercise 7 stem: The percentage for 15,182 should be 51, not 50: “In all, 13,147 (44%) said “Yes,” 15,182 (51%) said “No,” and…”

Page 231, Exercise 18 stem: last word should be “infested”, not “infected”.

Page 233, Exercise 40 stem: last word should be “state”, not “district”.

Cumulative AP Practice Test 1:

Page 283, Exercise AP1.9: In II., add the word “total” before “amount of dishwasher powder”.

Chapter 6:

Page 384, Exercise 52: Change “total winnings” to “combined winnings” in 5th sentence.

Page 386, in the introductory paragraph for Exercises 65 and 66: T should be in italics in the last sentence.

Chapter 9:

Page 572, Exercise 48(a): Change wording to “…who would identify being very well-off…”

Chapter 10:

Page 663, Chapter Review
A confidence interval for a difference between two means provides an interval of plausible values for the true difference in means. The formula is <the formula shown is incorrect underneath the radical. The second s should have a 2 subscript.>

\[
\left( \bar{x}_1 - \bar{x}_2 \right) \pm t \sqrt{\frac{s_1^2}{n_1} + \frac{s_2^2}{n_2}}
\]

Chapter 11:

Page 735, AP Practice Test T11.9: Delete “in the study” from the end of answer choice (d).
Chapter 12:

Page 744: The top right residual plot (Bad) should be

![Residual Plot](image)

Page 809, Cumulative AP Practice Test 4, Exercise AP4.42(b) should read “Assuming the conditions for performing inference are met, … in part (a).”

Solutions:

Page S-21: In Exercise 5.3(b), the solution should say: No. The number of children with cystic fibrosis could be smaller or larger than 1 by random chance.

Page S-29: In exercise T6.11(c), the interpretation should say: If we were to randomly select many cartons of eggs, the number of broken eggs would typically vary by about 0.8219 from the mean (0.38).

Page S-32: In exercise 7.49, the solution should be 225.

Page S-35, CYU p.499 #4: "from 0.218 and 0.238" should be "from 0.218 to 0.238".

Page S-36, CYU p.522: In last sentence, "healing time" should be "healing rate".

Page S-53, T11.13: delete the initial "(a)" (item has only one part).
Web Chapters

Chapter 13:

Page 28, Exercise 23: In the first row of the table, the sample size for Cold temperature should be 16, not 18 as shown below.

<table>
<thead>
<tr>
<th>Temperature</th>
<th>n</th>
<th>Weight (grams) at Hatching</th>
<th>Propensity to Strike</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cold</td>
<td>18</td>
<td>28.89 ± 8.08</td>
<td>6.40 ± 5.67</td>
</tr>
<tr>
<td>Neutral</td>
<td>38</td>
<td>32.93 ± 5.61</td>
<td>5.82 ± 4.24</td>
</tr>
<tr>
<td>Hot</td>
<td>75</td>
<td>32.27 ± 4.10</td>
<td>4.30 ± 2.70</td>
</tr>
</tbody>
</table>

Chapter 14:

Page 19 Screen shot error: Change T to F as shown below.