SPA 3e Student Edition Errata

Page 88 Exercise 2

Here are the corrected data:

2. Disc dogs Here is a list of the breeds of dogs that won the World Canine Disc

Championships from 1975 through 2016. Make a relative frequency bar graph for these

data. Describe what you see.

Whippet Whippet Whippet

Mixed breed Mixed breed Other purebred

Labrador retriever Mixed breed Mixed breed

Border collie Mixed breed Mixed breed

Labrador retriever Labrador retriever Mixed breed

Australian shepherd Border collie Australian shepherd

Mixed breed Mixed breed Mixed breed

Border collie Border collie Australian shepherd

Border collie Australian shepherd Border collie

Mixed breed Australian shepherd Australian shepherd

Australian shepherd Border collie Border collie

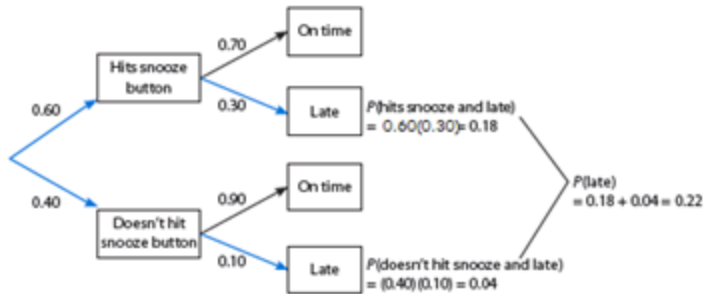Australian shepherd Border collie Border collie

Other purebred Border collie Border collie

Page 133

In Teacher Talk box in example at the top of page, delete the words "least-squares".

Page 297

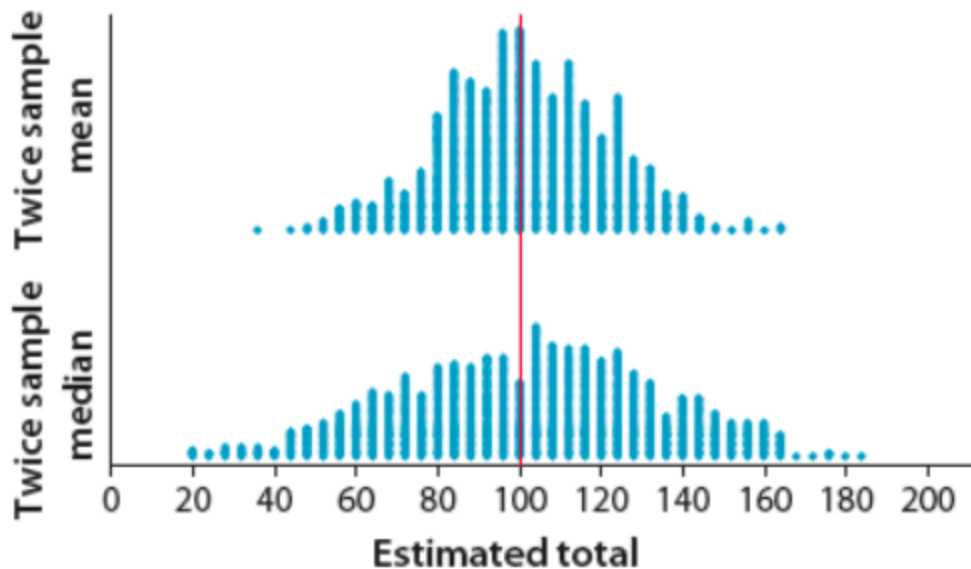In Figure 4.8, the value of 0.60 in the calculation for *P*(hits snooze and late) is incorrectly shown as 0.06.

Page 367

In the Example solution, part (b), the interpretation is missing:
The probability that the random number generator produces a number Y between 0.3 and 0.7 is $P(0.3 \le Y \le 0.7) = 0.4$.
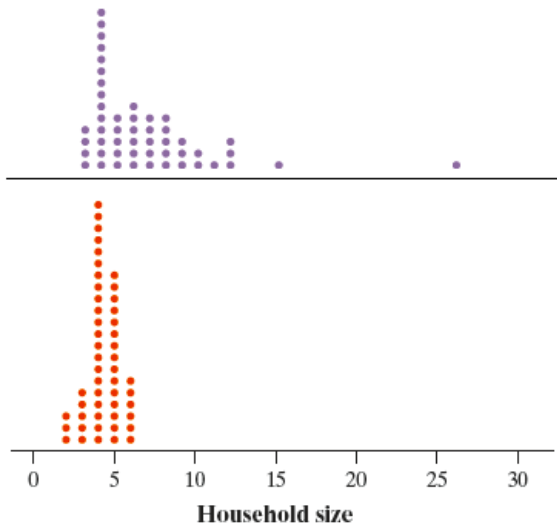
Page 411

Figure 6.3 was rendered incorrectly. The top graph does not show twice the sample mean. Here is a corrected graph:

Page 579

Chapter 9, exercise 6. The figure was rendered incorrectly--there are not enough dots for either country. Here are the corrected dotplots.
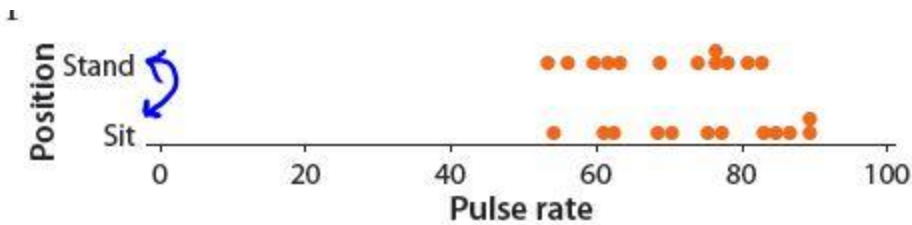

Household size

Page 604

In the graph of the t distribution, the label should say df = 30, not df = 9.

Page 606

Figure 9.7 The labels should be switched for the two graphs, as shown in the image below.

Page 664

Chapter 10, exercise 13. In all three figures "ml" needs to change to "cups".

Page 672

In the example, the problem should ask for a 95% confidence interval, not 99%.

Extra Lesson 6.2B, pg 6.2B-3

The formula on the bottom line of the page should read:

$$\sigma_S^2 = \sum (s_i - \mu_S)^2 \, p_i$$

Solutions

Solutions page S-2

Lesson 1.3 Exercises
5b. The answer should be 8/21 = 38%.

Correction: Should be **adults**, not tablets.

Solutions page S-39

Lesson 8.5 Exercises
1. Random? Random sample of 24 **tablets**. ✓
Correction: Should be **adults**, not tablets.

Solutions Page S-??

Lesson 9.1 Exercises
9.1 #9. Current solution uses 26% and 14%.

New solution should be 32% (n1 = 585) and 13% (n2 = 595).

Solutions Page S-45

Chapter 9 Review exercises,
#1a should be $n_2(1 - p_2)$ = 186, not 286.

Solutions Page S-??

Lesson 10.5 Exercises
#11 should be df = 47 − 2 = 45

Extra Lessons

5.7A-7

Lesson 5.7A, Exercise 2 is missing a title. **Normal to be foreign born?**

8.6A-6

Lesson 8.6A, Exercise 7 is missing two sentences after "Refer to Exercise 3". **Determine if each of the following changes would increase or decrease the power of the test. Explain your answers.**

Lesson 8.6A, Exercise 8 is missing two sentences after "Refer to Exercise 4". **Determine if each of the following changes would increase or decrease the power of the test. Explain your answers.**