

ERRATA
Introduction to the Practice of Statistics
6th Edition, 1st printing
Corrected in the 2nd printing

Page 74 Text preceding Exercise 1.126, “*ACT scores are reported on a scale from 1 to 3.*” should read “*ACT scores are reported on a scale from 1 to 36.*”

Page 114 The expression near the top of the page $(-94 - b_0 - 4.2b_1)^2 + (-57 - b_0 - 3.0b_1)^2 + \cdots + (690 - b_0 - 1.1b_1)^2$ should be $(4.2 - b_0 + 94b_1)^2 + (3.0 - b_0 + 57b_1)^2 + \cdots + (1.1 - b_0 - 690b_1)^2$.

Page 127 In Exercise 2.82, “Explain why this residual is negative.” should read “Explain why this residual is positive.”

Page 141 In Exercise 2.101, “red” should be “blue.”

Page 184 Table B is not on the back endpaper in this edition. The phrase “and on the back endpaper” should be deleted.

Page 267 In Exercise 4.50, the probabilities 0.559, 0.382, and 0.059 should be 0.8507, 0.1448, and 0.0045, respectively.

Page 286 In Exercise 4.72, the probabilities 0.559, 0.382, and 0.059 should be 0.8507, 0.1448, and 0.0045, respectively.

Page 288 In Exercise 4.89, the probability death at age 28 given as 0.000057 should be 0.00057.

Page 393 In Exercise 6.72, “In Example 6.9 (page 373)” should read “In Example 6.14 (page 380).”

Page 469 In Exercise 7.72, n_2 should be 40 not 50.

Page 596 In Exercise 10.13 (c), change “Give a 90% confidence interval for Steve’s BAC.” to “Give a 90% prediction interval.”

Page 622 In Figure 11.7, the predictor labels HSM and HSE should be SATM and SATV, respectively.

Page 633 In Exercise 11.32 (d), the end of the first sentence read “variables.”

Page 682 In Exercise 12.66, “In Example 12.27 (page 674)” should read “In Example 12.27 (page 668)”.

Page 700 In Exercise 13.8 (a), change “Figure 13.1” to “Figure 13.4.”

Page 707 In Exercise 13.36, add just before part (a), “The sample size is 69.”

Page 729 In Exercise 14.20 part (e), change “(a) and (d)” to “(a) through (d)”.

Page D-9 An Excel copy of the Workers data set is posted on the companion website, www.whfreeman.com/ips6e.

Page A-1 For Exercise 1.67, the mean is \$81,875 and the median is \$35,000.

Page A-1 For Exercise 1.69, the mean is \$98,750.

Page A-2 The answer to Exercise 1.133 is 850 and below.

Page A-4 The answers to Exercise 2.77 (b) are $\bar{y} = 4.9847$, and $s_y = 3.3452$ inches, r is unchanged.

Page A-7 For Exercise 4.81, the mean is 16 cm.

Page A-8 For Exercise 5.53, the answer is about 134.5 mg/dl.

Page A-9 For Exercise 6.25(c), the answer is 4.3841 (or 4.2964) cal/day.

ERRATA from the 3rd printing

Page 342 In figure legend for Figure 5.11, the words dashed and solid should be interchanged. The same change is needed in the text that appears below the figure.

Page 459 The sentence in Exercise 4.49 part (b) "All eight arrangements are equally likely" should read "All eight arrangements are notequally likely."

Page 14-3, 713 The proportion for men should be given with an additional digit, 0.2603 rather than 0.260; similarly for odds, 0.3519 rather than 0.351. For women the corresponding changes are 0.2604 in place of 0.206 and 0.2601 in place of 0.259.

Page 14-5, 715 For men, odds should be 0.3519 rather than 0.351 and $\log(\text{odds})$ should be -0.1044 rather than -1.05 . For women the corresponding changes are 0.2601 in place of 0.259 and -1.347 in place of -1.35 .

Page 14-6, 715 For men, \log odds should be -0.1044 rather than -1.05 ; for women -1.347 in place of -1.35 . In the sentence "To find the estimates of b_0 and b_1 " delete the word of. The equation for b_1 should read $b_1 = -1.044 - (-1.347) = 0.303$.

Page 14-7, 717 $e^{0.30} = 1.34$ should be replaced by $e^{0.303} = 1.35$ and in the following sentence, $e^{0.30}$ should be replaced by $e^{0.303}$. The expression $\text{odds}_{\text{men}} = 1.34 \times \text{odds}_{\text{women}}$ should be replaced by $\text{odds}_{\text{men}} = 1.35 \times \text{odds}_{\text{women}}$. The sentence "Had we coded women as 1 and men as 0, the signs of the parameters would be reversed, the fitted equation would be $\log(\text{odds}) = 1.35 - 0.30x$, and the odds ratio would be $e^{-0.30} = 0.74$." should be changed to "Had we coded women as 1 and men as 0, the sign of the slope would be reversed, the fitted equation would be $\log(\text{odds}) = -1.04 - 0.303x$, and the odds ratio would be $e^{-0.303} = 0.74$."

Page 14-12, 722 The equation $\log(\text{odds}) = b_0 + b_1x = -4.89 + 3.10x$ should be replaced by $\log(\text{odds}) = b_0 + b_1x = -4.89 + 3.11x$.

Page 14-13, 723 Replace "using the estimate $b_1 = 3.1035$ and its standard error $SE_{b_1} = 0.3877$ " by "using the estimate $b_1 = 3.1088$ and its standard error $SE_{b_1} = 0.3879$ " on lines 3 and 4.

Page 14-14, 724 Change "When analyzing data using multiple regression" to "When analyzing data using multiple linear regression" and change "We do the same for logistic regression" to "We do the same for multiple logistic regression" in Example 14.10. Change $G = 16.33$ to $G = 16.334$

Page 14-17, 727 For Exercise 14.10 change "Find the proportion" to "Find the success proportion" in part (b).

Page 14-18, 728 For Exercise 14.17 change “Show that the square of z is X^2 ” to “Show that the square of z is close to X^2 (with no roundoff error, these two quantities will be equal)” in part (b).

Page 14-21, 730 For Exercise 14.29 change “Transform the slope to the odds and the 95% confidence interval for the slope to a 95% confidence interval for the odds” to “Transform the slope to the odds ratio and the 95% confidence interval for the slope to a 95% confidence interval for the odds ratio.” in part (a). The same change is needed for part (a) of Exercise 14.30.