

Errata Sheet for 4th Edition of Statistics in Plain English

Page 26: In the last sentence before the section labeled “Why Have Variance” it says that the standard deviation for the population of scores is 1.96 in. This is a typo. It should read “So, the standard deviation for the population of scores representing the heights of my siblings is 3.40 in.”

Page 89: In the confidence interval formula, a value of .06 was placed where the standard error of the mean should have been .04436. The correct formulas should be as follows:

$$CI_{95} = .0449 \pm (1.96)(.04436)$$

$$CI_{95} = .0449 \pm .0869$$

$$CI_{95} = -.0420, .1318$$

Page 89: At the bottom of the page, when calculating the standard deviation for use in the effect size formula, the incorrect standard error of the mean was used again. The correct calculations are as follows:

$$S = \sqrt{490} \times .04436$$

$$S = 22.14 \times .04436$$

$$S = .98$$

Page 90: At the top of p. 90, with the correct standard deviation in the denominator of the formula, we get a different value for d . The correct calculations are as follows:

$$d = \frac{3.049 - 3.00}{.98}$$

$$d = \frac{.0449}{.98}$$

$$d = .05$$

Page 90: Because of the change in the value of d , there need to be corresponding changes in the text:

“Our effects size of .05...”

“The effect size was also quite small ($d = .05$)...”

The rest of the text in this paragraph is accurate.

Page 176: The fourth equation in this series of t value equations should have a different denominator. The denominator should be .9375, not $1 - .9375$. The correct formula is as follows:

$$t = (.25)\sqrt{\frac{98}{.9375}}$$

The rest of the equations and values in this sequence are correct.