Errata for *Stat: Modeling the World*, 2nd edition

Text:

Page	Correction
7	(first sentence) Many years **ago** …
13	(in Just Checking) … a new record for the fastest average **speed**.
48	The top row of the first stemplot should be **8 | 0000448**. The middle row of the lower stemplot should be **6F | 444** (just three 4s.)
NOTE: ***In the very first books printed a typesetting error led to the omission of many "hats" in Chapter 8, leaving several*** $\hat{y}$ ***'s looking like*** y ***'s. This critical error was quickly corrected, but if you have some of the initial run of books, we suggest that you carefully lead students through the full list of errors described below, having them write the hats in the proper places. Once done properly, your textbooks will be fine for all future users. (Beware: it's not*** **all** ***the y's in Chapter 8; be careful to find the right ones!) Obviously, we do apologize…***	
169	(under Residuals, end of first highlighting) …and write it as $\hat{y}$ (called *y-hat*) (4 lines lower) … residual would be $y - \hat{y} = \ldots$
171	(at the right margin, just below the middle of the page) … gives a $\hat{z}_y$ …
174	(in the footnote) Besides using $\hat{y}$ to represent …
186	(in Linear model) … equation of the form $\hat{y} = \ldots$ (in Residuals) … $= y - \hat{y}$ (in Predicted value, twice) The value of $\hat{y}$ found … the points $(x, \hat{y})$ all lie … (in Regression to the mean) … each predicted $\hat{y}$ tends to be …
187	(in Regression line of best fit) … equation $\hat{y} = \ldots$ (in Intercept) It's the $\hat{y}$-value when …
189	(equations in Exercises 1c, 1d, 2c, 2d, 5, and 6) $\hat{y} = \ldots$
322	Exercise 28a should ask "What percentage of rivets selected…" (We haven't discussed probability yet!)
400	(Exercise 26) … the airline sells 275 **tickets**.
466	(Footnote) A. Agresti and B. A. **Coull**
644	(4th line under the first highlighted equation) …(see p. **640**).
657	(regression equation near the bottom of the page) $\%\hat{B}F = -42.\mathbf{73} + 1.7waist$

Answers:

Exercise	Correction
8.35c	… = 211.0 + 11.06 X ***fat***
13.42	… the chance is about **3%**.
19.6c	**Correct.**
27.25c	P-value = $\frac{1}{2}(0.0029) =$ **0.00145** (because it's a one-tailed test)

Solutions Manual:

Page	Exercise	Correction
266	17.12d	(second line) … = $P(1 \leq X \leq 9)$
288	IV.9.c	The last binomial term coefficient should be ${}_5C_5$.

PTB&RG

Page	Correction
(ref 6-8) I-1 thru I-11	NOTE: In the first printer run the three Part I unit tests and answer keys that belong between pages 6-22 and 7-1 were mistakenly bound at the very end of the book, after Chapter 29. (Go figure.) They're there – you just have to find them! *Sorry…*