

May 2020

To: Readers of the Cartoon Guide to Statistics

From: Larry Gonick and Woollcott Smith (wksmith@temple.edu)

Subject: Correction to the **Old Edition** of the Cartoon Guide. All changes have been made in the 2015 revised edition of the Cartoon Guide.

Page	Position	In text	Change to
37	Bubble at bottom	<i>Avec tu Cherie?</i>	<i>Avec toi Cherie?</i>
102	Top panel Last line	$.8397 \leq \hat{p} \leq .8613$	$.8387 \leq \hat{p} \leq .8613$
143	Top right box diagram	left-end of box appears to extend only to 130.	left-end of box should extend to the first quartile, 125.
40	Bottom	faces sum to three?	faces sum to three (event A)?
47	Bottom	Bayes (1744-1809)	Bayes (1701-1761)
56	Bottom panel	Y axis tick labels: 1/16, 2/16, 3/16, 4/16, 5/16, 6/16	Y axis tick labels: 1/36, 2/36, 3/36, 4/36, 5/36, 6/36
68	Center panel	$E[X] = 0 \cdot p(0) = 1 \cdot p(1)$	$E[X] = 0 \cdot p(0) + 1 \cdot p(1)$
82	Top	$\sigma = np(1-p)$	$\sigma = \sqrt{np(1-p)}$
86	Top	$\sigma = np(1-p) = 2.5$	$\sigma = \sqrt{np(1-p)} = 2.5$
87	Top	hideous	hideous-looking, but easy to use,
107	Middle	$s = \frac{1}{n-1} \sum_{i=1}^n (x_i - \bar{x})^2$	$s = \sqrt{\frac{1}{n-1} \sum_{i=1}^n (x_i - \bar{x})^2}$
110	Bottom	single observation	single sample
114	Bottom	this is a single observation	this is a single estimate
118	In four different lines	$\sigma(p)$	$\sigma(\hat{p})$
119	Bottom	3% margin of error.	3-percentage-point margin of error.
124	Middle	$\hat{p} + E$	$\hat{p} \pm E$
150	Top	Chapter 8	Chapter 7
168	Third line from bottom	Standard deviations s_1 and s_1	Standard deviations s_1 and s_2
171	Top right	$\sqrt{\frac{s_{pool}^2}{n_1} + \frac{s_{pool}^2}{n_2}}$	$\sqrt{\frac{s_{pool}^2}{n_1} + \frac{s_{pool}^2}{n_2}}$
171	Lower	$\sqrt{\frac{4 \cdot 229^2 + 6 \cdot 328^2}{10}}$	$\sqrt{\frac{4(229^2) + 6(238^2)}{10}}$
171	Top right	$n_1 - n_2 - 2$	$n_1 + n_2 - 2$
205	Top	$\pm(2.365)(25.15) \underline{\hspace{1cm}}$	$\pm(2.365)(25.15) \sqrt{0.3777}$