

Errata for Sokal and Rohlf, *Biometry* 3rd Edition, 1st Printing
3/23/95

DATE	PAGE	PARAGRAPH	LINE	CORRECTIONS TO MAKE:
03-22-95	83	3	7	Change "plantc" to "plants".
03-22-95	115	Box 6.2 Heading	-----	Change " G_1 " and " G_2 " to " g_1 " and " g_2 ".
11-08-94	125	Exercise 6.3	-----	Change the following: <i>Answer:</i> (a) = 0.0521, (b) = 0.9620, and (c) = 0.3373.
11-08-94	133	2	2	Change "repeated" to "repeated".
09-26-94	143	Running head	-----	Change " T " to " t ".
09-26-94	145	Ditto	-----	Ditto.
03-22-95	172	1	5	Change "tow" to "two".
10-11-94	208	First display	-----	In formula for SS_{among} , change $(\bar{Y} - \bar{Y})^2$ to $(\bar{Y} - \bar{\bar{Y}})^2$. In formula for SS_{total} , change $(Y - \bar{Y})^2$ to $(Y - \bar{\bar{Y}})^2$. (In both these cases the second Y should have a double bar above it.)
11-08-94	225	Box 9.6	Line 7 from bottom	Display should be $L_2 = (\bar{Y}_1 - \bar{Y}_2) + t_{\alpha/2, n} s_{\bar{Y}_1 - \bar{Y}_2}$.
10-11-94	231	3	5	Change "must" to "should".
09-26-94	234	1	5	Insert comma between "contrast" and "the".
10-11-94	242	Box 9.9 note	3	Insert "pairs of means with" between "on" and "equal" and insert "(unlike the present example)" between "sizes" and ",".
10-11-94	243	Expression (9.7)	-----	Term to the left of the first equal sign should be $"/\bar{Y}_1 - \bar{Y}_2/"$. (Add vertical bars).
10-11-94	243	3	3	Expression " $\bar{Y}_2 - \bar{Y}_2$ " is incorrect. It should be $"/\bar{Y}_1 - \bar{Y}_2/"$. (Add vertical bars and change first subscript to 1.)
03-17-95	245	Paragraph 1.	Line 4	Change subscript under Q from "0.5" to "0.05".
10-11-94	249	Box 9.11	8	" u_i " should be " u_1 ". (Change subscript i to subscript 1.)
10-11-94	253	Box 9.12, Step 2	6	" a_{k+1} " should be " a_{k-1} ". (In the subscript, change plus sign to minus sign.)
10-11-94	256	Box 9.13, Step 2b	2 and 12	The expression should be " $Q_{\alpha[a, n]}$ ". (Change second " a " in subscript to " a ".)

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10-11-94	257	Box 9.13 , first display	-----	In numerator of long fraction, insert square brackets around first term, thus: $\left(-\frac{1}{3}\right)(-1)\left(\frac{1}{10} + \frac{1}{10}\right)^{\frac{1}{2}}$. Also replace "{" initiating second term by "[".
10-11-94	258	1	1	Insert "(" between "[" and "a".
11-08-94	288	3	Last line	This line should read "comparisons (Sections 9.6 or 9.7), using MS_{subgr} as the error term."
11-08-94	289	Box 10.5	-----	"Readings (n-2)" should be "Readings (n=2)".
11-08-94	315	3 levels	2	Change "preparation" to "preparations".
09-26-94	319	Exercise 10.3 Table	Last line	Insert "=" between SS_{total} and first Σ 14 sign.
12-12-94	324	Box 11.1	column means	Second mean should be 526.3333 instead of 562.3333.
09-26-94	370	3	9	Delete part of sentence starting with "The" and ending with "=".
09-26-94	396	Box 13.1	3 (after display)	Insert "Statistical" between "in" and "Table B ".
09-26-94	407	2	4	Insert "Statistical" between "in and "Table DD ".
09-26-94	417	-----	Bottom 2 lines (display)	In expressions (13.2) and (13.2a), move terms "(for $I \neq 0$)" and "(for $I = 0$)" four spaces to the right to separate them more clearly.
09-26-94	443	Box 13.11	Last line	Insert "Statistical" before "Table B ".
11-08-94	456	3	2	Change " Y_i " to " Y_{ij} ".
11-08-94	456	3	3	Change " e_i " to " e_{ij} " (twice).
11-08-94	460	1	5	Middle of line should read "...= 0. The sum of squares ...".
12-12-94	470	2	Last line	Currently ends as "Section 15.2)." It should be changed to "Section 15.2), and symbolized by r^2 or R^2 ."
11-08-94	476	3	9	End of line should read "... between the group means and the".
11-08-94	479	Box 14.4	2	In the F term with the long subscript, the second a in the subscript should be "a".
09-26-94	490	3	4	Change mathematical expression from "...-1)." to "...-1)%."

DATE	PAGE	PARAGRAPH	LINE	CORRECTIONS TO MAKE:
12-12-94	508	Box 14.9	Step 4, 3rd display	$s^2_{Y.X}$ should be $\overline{s^2}_{Y.X}$.
12-12-94	511	Box 14.9	Step 7	There should be a 4th display below the 3rd one as follows: $b_{Y.X(\text{among})} = \frac{\sum xy_{\text{among}}}{\sum x^2_{\text{among}}}$ $= \frac{-21.84666}{1.47606} = -14.80069$
12-12-94	511	Box 14.9	3	"Calculate unexplained sums..." should be preceded by a 7.
12-12-94	517	1	6	Change first "in" to "is".
12-12-94	522	2	4	Insert "the" between "If" and "subject".
12-12-94	526	Box 14.10	4	Change " a = 8" to "a = 8".
09-26-94	526	Box 14.10	-----	Move " \overline{Y} " to the right over the column of coefficients labeled "c ₁ ", etc.
03-17-95	528	Paragraph Heading	-----	In the expression under the "(1)", the " n_i " should be " n_i^2 ".
12-12-94	531	1	2	Change " $t_{.05/2, 72}$ " to " $t_{.05[2, 72]}$ ".
12-12-94	536	1	3	Change " \hat{Y} " to " $\ln \hat{Y}$ ".
12-12-94	538	4	1	Insert "of" after "pitfall".
12-12-94	538	4	3 from bottom	Sentence starting with "One method of .." and the following sentence on the top of page 539 should be deleted and replaced by the following: "Kvålseth (1985) suggests computing R^2 as $1 - \frac{\sum (Y - \hat{Y}')^2}{\sum (Y - \overline{Y}')^2}$, where \hat{Y}' is the backtransformed value of the estimated Y in the transformed space and \overline{Y}' is the backtransformed mean. Kvålseth (1985) and Scott..."
12-12-94	538	4	4	" $\sum \hat{y}$ " should be " $\sum \hat{y}^2$ ".
12-12-94	539	3	2	"Box 15.6" should be "Box 15.7."
09-26-94	540	Box 14.11	Step 2	Change "y" to "Y".
12-12-94	544	2	Last line	Delete period at the end of the sentence (following r_{XY}) and add "(see Chapter 15 for r_{XY})."
12-12-94	564	1	2 - 4	Note to typesetter: Letters at the left margin

DATE	PAGE	PARAGRAPH	LINE	CORRECTIONS TO MAKE:
		2	2	are damaged.
12-12-94	564	2	First line after display (15.6a)	"Expression (5.6)" should be "Expression (15.6)".
09-26-94	567	3	9	Change "with" to "without".
03-17-95	570	Figure 15.4	-----	The point for 100, 1.41 is missing.
12-12-94	579	Display (15.13)	-----	" $3z = r$ " should be " $3z + r$ ".
12-12-94	626	Box 16.2	Display for $k = 1$	" F_2 " should be " F_s ".
12-12-94	686	Last	3 from bottom	Before "mutant," insert "and".
12-12-94	703	1	4	The subscript to the c^2 which now reads " $a [a - 1]$ " should be changed to " $a' [a - 1]$ ".
12-12-94	711	1	9	Change "0.37543." to "0.33376".
12-12-94	717	Box 17.4, step 4	3	Change " $82(2 - 1)$ " to " $8(2 - 1)$ ".
12-12-94	718	Box 17.4, step 6, Right-hand table	Last line	Add "*" after "18.01434".
12-12-94	731	Box 17.6	Last display	Delete the dot following " n " in the first numerator.
12-12-94	734	Box 17.7, <i>Computation</i>	First line after heading	Change "Expression (17.14)." to "Expression (17.12)."
03-17-95	746	Box 17.10	Heading line 2	Change "LOG-LINER" to "LOG-LINEAR".
12-12-94	747	Box 17.10	1	Change "long-linear" to "log-linear".
09-26-94	759	Table 17.6	Heading	Change "LN" to "ln".
03-17-95	833	Paragraph 2	Second display line	Change second "=" sign to "+".