

02/18/98

Errata for Sokal and Rohlf, *Biometry* 3rd Edition, 2nd Printing

DATE	PAGE	PARAGRAPH	LINE	CORRECTIONS TO MAKE:
08-29-95	--	Inside front cover	1 variable ≥ 2 samples	"Welsch" is misspelled. Insert "c".
09-21-95	9	1	5	"content" is misspelled. Replace "c" by "t".
09-21-95	28	5	1	Replace "15.6" by "15.7".
09-21-95	64	2	4	Should be "unaltered". Delete "ly".
09-21-95	70	2	5	"has" is misspelled. Insert "a".
03-25-97	138	Box 7.1	6	Change ">100)" to ">150)".
03-25-97	150	Fig. 7.11	--	The dark frequency bar at the left should have the vertical line only above the bar. Delete the piece that overlies the bar itself. The light frequency bar on the right is fine.
10-03-95	172	1	8 (from bottom)	"stnadard" should be "standard".
03-25-97	174	Box 7.5	1 in Example of Computation	The symbol in the denominator is s_{g_i} , that is l.c. italic ESS, subscripted with l.c. italic GEE, again subscripted with the numeral one. It is correctly depicted on page 138, Box 7.1, line 6 .
03-25-97	174	Box 7.5	1 in Example of Computation	In second line of display the number 0.18934 should be changed to 0.18936, twice.
03-25-97	175	Box 7.5 cont.	3	Symbol should be s_{g_i} . For details see correction on page 174 above.
09-21-95	176	1	5	"alternative" is misspelled. Insert "r".
10-03-95	194	3	6	Put a hyphen between "variance" and "like".
10-03-95	221	1	next to last line	"magnitde" should be "magnitude".

DATE	PAGE	PARAGRAPH	LINE	CORRECTIONS TO MAKE:
10-12-95	338	5	5	Change "us" to "use".
10-24-95	366	--	--	This is exercise "11.6", not "1.6".
10-24-95	409	2	5	Change "intraction" to "interaction".
09-21-95	439	2, text	Second display	Insert square brackets into this expression, thus: $K_{\alpha} = \sqrt{\frac{1}{2} [-\ln(\frac{\alpha}{2})]} .$
10-24-95	440	1	2	Delete the "a" between "of" and "variance".
10-24-95	442	Box 13.10 Step 3	3 (from bottom)	First subscript to second chi square symbol should be "0.001" not "0.01".
08-29-95	528	Box 14.10	1	Under (1) the formula should be $n_i c'_i \bar{Y}_i .$ Under (2) the formula should be $n_i c_i'^2 .$
08-29-95	528	Box 14.10	Column 2 of box	After "Weighted" the formula should be c'_{i1} , NOT $n_i c_i 1$. After the second "Weighted" it should be c'_{i2} , NOT $n_i c_i 2$.
03-25-97	528	Box 14.10	2-line paragraph between the 2 ruled tables	In the second line of this paragraph the formula needs the addition of a ' (prime symbol) to obtain the following corrected formula: $n_i c'_i \bar{Y}_i .$
03-25-97	530	1	1	Change the sentence starting in this line as follows: "The weighted coefficients, $c'_i 1$ and $c'_i 2$, for each set are the <i>total sample sizes</i> of the contrasted set."
03-26-97	530	Expression 14.18	--	Change the c_i and c_i^2 coefficients in the formula to c'_i and $c_i'^2$.
03-26-97	531	--	2	Change the subscript for t from .05[2,72] to .05/2[72]. The corrected expression is

DATE	PAGE	PARAGRAPH	LINE	CORRECTIONS TO MAKE:
				$t_{.05/2[72]}$.
08-29-95	570	Fig. 15.4	--	The point for $Y_1 = 100$, $Y_2 = 1.41$ has been incorrectly placed at $Y_1 = 100$, $Y_2 = 2.50$. It should be moved.
12-11-95	581	Box 15.5 title	1	Change "TEXT" to "TEST".
12-11-95	591	Box 15.6	g	Change second equal sign (after \bar{Y}_2) to "+".
08-29-95	598	4	3	<p>Replace text starting with line 3 ("There is no...") as follows:</p> <p>"Most simply, Spearman's coefficient, r_s, can be computed as the product-moment correlation coefficient of the two columns of ranks. In the absence of ties, r_s can also be computed from the differences between the ranks of paired variables, as follows:"</p> <p><Displayed formula is unchanged></p>
08-29-95	600	1	1/2	Replace this sentence ("Alternatively,...") by "There is no simple mathematical relation between the two coefficients of rank correlation."
11-21-95	630	--	8 (from bottom)	The subscript for the first beta should be a capital "Y", not a lower case "y".
12-11-95	656	--	last	Insert "the" between "discover" and "best".
03-25-97	679	Fig. 16.18 legend	1	"Acmeae" should be "Acmaea".
03-25-97	679	Fig. 16.18 legend	2	"Acmea" should be "Acmaea".
09-21-95	710	Table 17.4	Bottom 3 lines	<p>Replace with the following:</p> $d_{\max} = g_{\max,0.5} + 1/2n =$ $0.18330 + 1/24 = 0.22496$ $g_{\max,0} = 0.1800915$ $g_{\max,1} = 0.18708$

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09-21-95	711	1	2	In subscript to "g" place comma between "max" and "0.5".
09-21-95	711	1	4 - 5	Replace the sentence "The test statistic ... 0.224963." with "The maximum difference is $d_{\max} = g_{\max,0.5} + 1/2n = 0.22496$."
09-21-95	711	1	6	Change "D" to " $g_{\max,0.5}$ ".
09-21-95	711	1	10	Change "D" to " g_{\max} ".
09-21-95	711	2	5	Change " $D_{\delta} = g_{\delta} + \mathcal{J}(n - 2\delta + 1)$ " to " g_{δ} ".
09-21-95	711	2	10 - 12	Replace text " D_0 corresponds ... less than 0.2)" with the following: "both g_0 and g_1 yield probabilities greater than 0.2 and it is impossible to tell which is smaller. The observed distribution would be considered not significantly different (at an α level somewhat larger than 0.2)".
09-21-95	711	3	9	Change "D" to " g_{δ} " and "0.24497" to "0.20329".
09-21-95	711	3	11	Change " $D_0 = 0.18009$ to 0.1932" to " $g_0 = 0.1800915$ to 0.19318".
09-21-95	711	3	12	Change " $D_1 = 0.27799$ to 0.30901" to " $g_1 = 0.18708$ to 0.21809".
09-21-95	712	Box 17.3	Step 2	Change the displayed equation to $g_{\max,0.5} = \frac{\text{largest difference}}{n} = \frac{103.6}{9465} = 0.01095$.
09-21-95	712	Box 17.3	last line	Change " $D_{0.5} = g_{0.5} + 1/2n =$ " to "just the".
09-21-95	713	Box 17.3, paragraph 1	2	Change "D" to " g_{\max} ".
09-21-95	713	Box 17.3, paragraph 1	3	Change "D" to " $g_{\alpha(\text{adj})}$ ".

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09-21-95	713	Box 17.3, paragraph 1	4	Replace text "...30, an unlikely case for a frequency distribution." with "100, too small for the present example."
09-21-95	713	Box 17.3, paragraph 1	5	Change "0.886/ \sqrt{n} " to "0.89196/ $\sqrt{n} - 1/2n$ ".
09-21-95	713	Box 17.3, paragraph 1	6	Change "1.031/ \sqrt{n} " to "1.0427/ $\sqrt{n} - 1/2n$ ".
09-21-95	713	Box 17.3, paragraph 1	First two displays	Replace the two existing equations with $g_{0.05(adj)} = \frac{0.89196}{\sqrt{9465}} - \frac{1}{2(9465)} = 0.0$ and $g_{0.01(adj)} = \frac{1.0427}{\sqrt{9465}} - \frac{1}{2(9465)} = 0.010$.
09-21-95	713	Box 17.3, paragraph 1	Second line from bottom	Change "D" to "g _{max} ".
09-21-95	713	Box 17.3, paragraph 2	3	Change "D" to "g _{max} ".
09-21-95	713	Box 17.3, paragraph 2	4	Change "D" to "g _{max} " and "D _α " to "g _α ".
09-21-95	713	Box 17.3, paragraph 3	1	Insert "(ignoring δ)" before the ":" at the end of the line.
09-21-95	713	Box 17.3, paragraph 3	2	Change the displayed equation to $g_{\alpha} = \sqrt{\frac{-\ln(\alpha/2)}{2n}} - \frac{1}{2n}$.
09-21-95	713	Box 17.3, paragraph 3	3	Replace "D _α is ... 1.628/ \sqrt{n} " with "g _α is 1.35810/ $\sqrt{n} - 1/2n$ as shown at the end of Statistical Table X."
09-21-95	713	1	4	Change "D" to "g _{max} ".
09-21-95	713	1	6	Delete final "s" from "samples".
09-21-95	714	3	2	Change "F _i ± D _α " to "F _{0.5} ± g _{α,0.5} ".
09-21-95	714	3	3	Delete subscript "i" from "Y _i ".

DATE	PAGE	PARAGRAPH	LINE	CORRECTIONS TO MAKE:
03-25-97	722	Box 17.5	paragraph 2, line 4	In expression between two equal signs, $1 - 1(1 - \alpha)^{1/k}$, the "1" immediately before the parentheses should be deleted.
11-21-95	731	Box 17.6 2 x 2 Table	Center of page	The cells for the table should be labeled " <i>a b c d</i> ", not " <i>a b b d</i> ". Change the " <i>b</i> " in the leftmost column of the second line, to a " <i>c</i> ".
03-25-97	755	Box 17.10	2	"log-liner" should be "log-linear".
08-29-95	773	Box 17.14	Column 4 heading	Replace <i>Coeff / SE</i> by $b_{Yi.jk} / SE_b$.
08-29-95	776	Box 17.15, lower table	Elev (for ADA = 0)	$b = 0.00094965$, $s_b = 0.00050983$, $t_s = 1.862671$
08-29-95	776	Box 17.15, last paragraph	3	Expression should read $e^{0.00094965} = 1.000950$
03-25-97	859	--	3 from bottom	Change "Roy" to "Ray".