

## *Errata Corrige*

**A. Azzalini**

**Statistical Inference: based on the likelihood**

*The author regrets the occurrence of the errors listed below,  
and is grateful to all that helped finding them.*

*A b after a line number indicates line count from the bottom*

page, line	<i>Errata</i>	<i>Corrige</i>
21, 13b	scale $Y$	scale as $Y$
23, 3b	$\sigma^{-1/n}$	$\sigma^{-n}$
26, 4	in number	in a number
26, 6b	of a continuous	continuous
28, 1b	$\begin{pmatrix} y+z-1 \\ z-1 \end{pmatrix}$	$\begin{pmatrix} y+z-1 \\ z \end{pmatrix}$
31, 8	$L(\theta, y) \propto L(\theta, z)$	$L(\theta; y) \propto L(\theta; z)$
37, 9	$L(\theta, y) \propto L(\theta, z)$	$L(\theta; y) \propto L(\theta; z)$
38, 15b	constant term	coefficient of $\theta^{2n}$
49, 19	the sufficient statistic	the minimal sufficient statistic
56, 7	$2\varepsilon$	$\varepsilon$
56, 2b	$2\varepsilon$	$\varepsilon$
57, 6b	half-life	half-line
61, 16	$\hat{\mu}_1$	$\hat{\mu}$
61, 8b	$1/\hat{\sigma}^4$	$1/(2\hat{\sigma}^4)$
64, 12	$-\frac{\omega}{\mu}$	$-\frac{\omega}{\mu} \sum y_i$
66, 10	$e^{\hat{\beta}x_i}$	$e^{\beta x_i}$
80, 6	$\theta$	$\theta_*$
80, 1b	that	than
83, 18	section 3.3.6	section 3.2.6
85, 1b	$\sigma^2 \chi_{n-1}^2 / (n-1)$	$\sigma^2 \chi_{n-1}^2 / n$
88, 1	the	a
88, 12	$\psi''$	$\psi''(\theta)$
90, 13	$(b-1)^{n-2}$	$(a-1)^{n-2}$
91, 14	the two choices	different choices
92, 11	an sort	a sort
92, 14	a expo-	an expo-
96, 14b	$\ell(\pi)$	$\pi$
102, 10	the sufficient statistic	the minimal sufficient statistic
102, 4b	the sufficient statistic	the minimal sufficient statistic
117, 16	of test procedure	of the test procedure
118, 2	, =	=
120, 8	is a	a
121, 19	in	is
131, 14	set	sets
142, 9	it is legitimate	is legitimate

page, line	<i>Errata</i>	<i>Corrige</i>
145, 3b	that	than
148, 1	section 3.4.8	section 3.3.8
155, 17	$\begin{pmatrix} Y_1 \\ Y_1 \end{pmatrix}$	$\begin{pmatrix} Y_1 \\ Y_2 \end{pmatrix}$
181, 10b	$\beta$	$\mu$
194, 5	8.2	8.3
202, 8 (twice)	$(1/m + 1/m)$	$(1/n + 1/m)$
205, 5b	give	given
228, 3	$V(\mu) =$	$V(\mu) = 1, \quad \text{var}\{Y\} =$
230, 17	$Y$	$Y_i$
234, 2	$-e^{-\eta}$	$-e^{\eta}$
234, 7	$-e^{-\eta} = \frac{1}{\theta}$	$e^{\eta} = -\frac{1}{\theta}$
240, Fig 6.2	$(\tilde{y}_i - \mu_i)/\Delta_i$	$(y_i - \mu_i)/\Delta_i$
242, 8b	$p_2 - p_1$	$p_1 - p_2$
245, 13b (thrice)	$\mu_i$	$\hat{\mu}_i$
245, 7b	type	types
250, 17	$\prod_{k=1}^c \left( \prod_{h=1}^r \frac{y_{+k}!}{y_{hk}!} \pi_{h k}^{y_{hk}} \right)$	$\prod_{k=1}^c y_{+k}! \left( \prod_{h=1}^r \frac{1}{y_{hk}!} \pi_{h k}^{y_{hk}} \right)$
251, 8	Table 6.2	Table 6.5
257, 5	exponentiation	change of sign and exponentiation
257, 6	$\omega = \frac{\pi_{01} \pi_{10}}{\pi_{00} \pi_{11}}$	$\omega = \frac{\pi_{00} \pi_{11}}{\pi_{01} \pi_{10}}$
271, 2	reveral	several
282, 1b	$A$	$V$
310, 13	$o_p(1/n^2)$	$o_p(1/n)$
312, 1	$\Omega_Y$	$\Omega_X$
312, 1	$\Omega_\varepsilon$	$\Omega_Z$
316, 12	(d)	(e)
316, 19	(e)	(d)
316, 4b	To obtain	(f) To obtain
316, 5b	$\left( \frac{\theta f'(\theta)}{f(\theta)} \right)$	$\left( \frac{\theta f'(\theta)}{f(\theta)} \right)^2$
318, 4b	$\chi_2^2(n\theta_1 + \theta_2 T)$	$\chi_2^2(n\theta_1^2 + T\theta_2^2)$
319, 2	estimate.	estimate, if $n$ and $m$ are the sample sizes.
319, 5	$(1 + Rm/n)(1 + R^{-1}n/m)$	$(1 + Rm/n)^n (1 + R^{-1}n/m)^m$
319, 7	$F = R(n-1)/(m-1)$	$F = Rm(n-1)/\{n(m-1)\}$
319, 17	$\ln z + z - 1$	$\ln z - z + 1$