Informatics and Mathematical Modelling

Section for Image Analysis

IMM

Errata for: *Bjarne Kjær Ersbøll and Knut Conradsen: "An Introduction to Statistics", Vol. 2 (7. version 2005 - Preliminary version in English).* and further Errata: *Knut Conradsen: "En Introduktion til Statistik", Bind 2 (6. udgave 2003).*

Newly reported errors are indicated by: † - many thanks to the students who reported them.

If you discover new unknown errors please inform me, so we can provide an updated errata-sheet.

Danish	English		
side$^{\text{oven}}_{\text{neden}}$	page$^{\text{top}}_{\text{bot}}$	It reads	It should read
17^{10}	17_8	det $\mathbf{0}$	$\det(\boldsymbol{B})$
-	33_9	kan sættes lig 1, har vi	-
34^7	34^{10}	$\begin{bmatrix} \sin\alpha & \cos\alpha \\ \cos\alpha & \sin\alpha \end{bmatrix}$	$\begin{bmatrix} \sin\alpha & \cos\alpha \\ \cos\alpha & -\sin\alpha \end{bmatrix}$
-	97^5	$\chi^2(n_i)$	$\chi^2(n_i)$-distributed variables.
-	99^{11}	orthogonal	orthogonal (and even orthonormal)
99_6	99^{15}	Λ_1	Λ_i
100_6	100^9	$x - p_i(x)$	$x - p_1(x)$
128_3	125^9	$\bar{y}_{1.}$	$\bar{y}_{1..}$
144_5	137^2	$y3$	y_3
150_3	143^2	$x\hat{\boldsymbol{\theta}}$	$\boldsymbol{x}\hat{\boldsymbol{\theta}}$
152^2	144^6	$x_2\boldsymbol{\delta}_2$	$\boldsymbol{x}_2\boldsymbol{\delta}_2$
154_6	146^6	$F(r_i - r_{i+1}, n - r)$	$F(r_i - r_{i+1}, n - r_i)$
-	148^7	is a sub-hypothesis of H_2	since H_2
-	150^8	and σ^2	and σ^2 is unknown.
159^0	151^0	(Fig4.1) $+\beta_1+$	$+\beta_1 t+$
161^2	153^2	theorem 2.3.2	theorem 2.23
161^{15}	153^{15}	$\boldsymbol{x\beta}$	$\boldsymbol{x}\hat{\boldsymbol{\beta}}$
-	157^1	versus independent	versus dependent
-	167^1	$t = 1$.	t as 1.
175_2	168^1	t_i	t_j
179^{13}	171^{13}	4.3, 4.3 and 4.3	4.3, 4.4 and 4.5
179_3	171_3	τ_i	τ
-	176^2	β_3	$\beta_3 = 0$
-	181_2	F-værdi	F-value
-	196_7	$T^2\ \boldsymbol{x_1}$	T^2 on $\boldsymbol{x_1}$
-	208^4	Resultatet vedrørende fordelingen af	-
-	208^4	og vedrørende uafhængigheden af	-
296_8	217^7	$(\bar{\boldsymbol{Y}}_{ij} - \bar{\boldsymbol{Y}})(\bar{\boldsymbol{Y}}_{ij}$	$(\boldsymbol{Y}_{ij} - \bar{\boldsymbol{Y}})(\boldsymbol{Y}_{ij}$
300_8	220_8	$y_{36} = 11.093$	$y_{36} = 11.903$
-	248_2	prior probability	posterior probability
-	266^4	$\dfrac{\det\hat{\boldsymbol{R}}}{\hat{\lambda}_1\cdots\hat{\lambda}_m\cdots\hat{\lambda}^{k-m}}$	$\dfrac{\det\hat{\boldsymbol{R}}}{\hat{\lambda}_1\cdots\hat{\lambda}_m\cdot\hat{\lambda}^{k-m}}$
-	266^4	$\dfrac{\hat{\lambda}_{m+1}\cdot\hat{\lambda}_k}{\hat{\lambda}^{k-m}}$	$\dfrac{\hat{\lambda}_{m+1}\cdots\hat{\lambda}_k}{\hat{\lambda}^{k-m}}$
371^{11}	286_3	Equation 8.3	Equation 8.2

Bjarne Ersbøll