統計學–應用與進階 (2版): 勘誤表

1. Page 37:

   0.000942 $\Longrightarrow$ 0.00942

2. Page 59:

$$P(a < x < b) = \int_a^b f(x)dx = F(b) - F(a)$$

$$\Longrightarrow P(a < X < b) = \int_a^b f(x)dx = F(b) - F(a)$$

3. Page 66:

$$E(g(X)) < g(\mu) + g'(\mu) + (E(X) - \mu)$$

$$\Longrightarrow E(g(X)) < g(\mu) + g'(\mu)(E(X) - \mu)$$

4. Page 66:

$$E((X)) < (E(X))$$

$$\Longrightarrow E(g(X)) < g(E(X))$$

5. Page 68: 若 $f(x)$ 爲機率密度函數 (probability density function)

   $\Longrightarrow$ 若 $f(x)$ 爲一間斷機率密度函數 (discrete pdf)

6. Page 128:

$$f(w) = e^{-x}$$

$$\Longrightarrow f(w) = e^{-w}$$

7. Page 166:

   分配收斂隱含機率分配 $\Longrightarrow$ 分配收斂隱含機率收斂

8. Page 179:

$$\Lambda = Var(\boldsymbol{X} - \boldsymbol{\mu})$$

$$\Longrightarrow \Lambda = Var(\boldsymbol{X})$$

9. Page 259/260:

$$\varphi_0 = \varphi(X_1, \ldots, X_n, \mu_0)$$

$$\Longrightarrow \varphi_0 = \varphi(x_1, \ldots, x_n, \mu_0)$$

10. Page 260:

$$\varphi_0 = \frac{\bar{X} - \mu_0}{\sqrt{\frac{\mu_0(1-\mu_0)}{n}}}$$

$$\Longrightarrow \varphi_0 = \frac{\bar{x} - \mu_0}{\sqrt{\frac{\mu_0(1-\mu_0)}{n}}}$$

11. Page 316:

$$\hat{\beta} \sim^A N\left(\beta, \frac{\sigma^2}{Var(X_i)}\right)$$

$$\Longrightarrow \hat{\beta} \sim^A N\left(\beta, \frac{\sigma^2}{nVar(X_i)}\right)$$