

This is the third set of corrections for *Probability and Statistical Inference*, seventh edition by Robert V. Hogg and Elliot A. Tanis, ISBN 0-13-146413-2.

- Page 464, the display in line 6,

$$\left(\frac{1}{\theta_2}\right)\left(\frac{1}{\sqrt{2\pi\theta_2}}\right)^n e^{-\sum_{i=1}^n \left(\frac{x_i - \theta_1}{\theta_2}\right)^2 / 2}.$$

should be changed to

$$\left(\frac{1}{\theta_2}\right)\left(\frac{1}{\sqrt{2\pi\theta_2}}\right)^n e^{-\sum_{i=1}^n (x_i - \theta_1)^2 / 2\theta_2}.$$

Here are some corrections for the *Instructor's Solutions Manual*.

- Here are the correct answers for Exercise **1.4-10**, page 5:

(a) $P(WWW) = \frac{1}{1140}$.

(b) The probability that your opponent wins on his second draw is $\frac{1}{380}$.

(c) The probability that you win if you draw first is $\frac{35}{76}$.

(d) If you draw second, the probability that you win is $1 - \frac{35}{76} = \frac{41}{76}$.

- Page 107, Exercise **7.3-6**,

$g(\theta_1, \theta_2 | x_1 = 3, x_2 = 6)$ **should be** $g(\theta_1, \theta_2 | x_1 = 3, x_2 = 7)$