Errata and updates for ASM Exam C Manual (Eighteenth Edition Third Printing) sorted by date.

[5/23/2018] On page 890, in the solution to Quiz 41-1, on the second line, change "Exposure units" to "Policyholder years".

[5/22/2018] On page 737, add the following after the table: "The data are fitted to a binomial distribution."

[5/16/2018] On page 383, 7 lines below the table, change $z_{(1-\alpha)/2}$ to $z_{1-\alpha/2}$. Make the same correction on page 383, one line below the boxed "The rest of this lesson..." and twice in equation (21.3). On the line after equation (21.3), the second $1-\alpha$ should be a subscript of z.

[5/14/2018] On page 208, in exercise 11.17, change answer choice C from 0.20 to 0.29.

[4/26/2018] On page 1558, in the solution to question 16, on the first line, change "30^{th}" to "20^{th}".

[3/15/2018] On page 624, in exercise 32.1, at the end of statement (i), and also at the end of the last line of the question, change the strange symbol to θ.

[3/15/2018] On page 737, on the first line, delete one of the two "than"s.

[2/6/2018] On page 523, replace the solution to exercise 27.35 with

Let X be the kernel-smoothed distribution. For our 20-component mixture,

$$\begin{aligned}\mathbf{E}[X^2] &= \frac{1}{20}\sum_{i=1}^{20}\mathbf{E}[X_i^2] \\ &= \frac{1}{20}\sum_{i=1}^{20}\alpha(\alpha+1)\theta^2\end{aligned}$$

θ is selected as X_i/α.

$$\begin{aligned}\mathbf{E}[X^2] &= \frac{1}{20}\frac{\alpha(\alpha+1)}{\alpha^2}\sum_{i=1}^{20}X_i^2 \\ &= \frac{6}{100}(42{,}204) = \boxed{\mathbf{2{,}532.24}}\end{aligned}$$

[1/22/2018] On page 26, in the solution to exercise 1.21, on the second line, change $\mathbf{E}[X^4]$ to $\mathbf{E}[(X-\mu)^4]$.

[11/6/2017] On page 177, in exercise 9.26, on the third line, change $X30000$ to $X - 30000$.

[11/6/2017] On page 1161, in exercise 55.10, on the last line, change ij to $i \neq j$.

[11/6/2017] On page 1601, in the solution to question 29, on the sixth line, change (α) on the left side of the equation to $l(\alpha)$.

[11/6/2017] On page 1601, in the solution to question 30, on the last line of the page, delete the first 1 on the right side of the equation.

[10/29/2017] On page 1539, in the solution to question 30, on the third line, add a right parenthesis "after $x = 3$".

[10/29/2017] On page 1544, on the fourth line, change "fourth power" to "fourth root".