

3, page 35, question 2.48, last row of data: 200 1

4, page 416: The CAS syllabus has added that the formula for VIF at page 101 of An Introduction to Statistical Learning will not be tested. (I believe that this formula is incorrect.)
“The definition of variance inflation factor (VIF), as referenced in Knowledge Statement C.2.v, varies across the syllabus readings. Candidates should familiarize themselves with the widely accepted VIF formula found on p.102 of James et al. and p. 101 of Dobson. The VIF formula on p. 101 of James et al. will not be used on the exam.”
This formula had been used in MAS-1, 11/18, Q.34.

5, page 364: The question labeled 15.17 should be instead be 15.19.

6, p. 70, solution 3.20 : The set {25, 25, 25, 25, **25, 25**} has the smallest possible mean: 25.
The set {93, 93, 93, 93, **93, 93**} has the largest possible mean: 93. Final answer okay.

6, p. 124, solution 6.5: The superscripts should be R rather than L. $\hat{\beta}_1^R / \hat{\beta}_2^R = 1$.

6, page 139, the equation near the bottom of the page: x-bar should have a subscript j:

$$\tilde{x}_{ij} = \frac{x_{ij}}{\sqrt{\frac{1}{n} \sum_{i=1}^n (x_{ij} - \bar{x}_j)^2}}$$

10, page 146, fourth paragraph: $G(x) = 1 - e^{-x/(\alpha\theta)}$

10, page 147, below the graph: Let **0.63** and 0.54 be independent random numbers from [0, 1].