

Errata (March 2023)

Page 453 (Section 13.3.1) currently has

$$\hat{\mu} = \sum_{j=1}^J \pi_j \bar{x}_j$$

That should be

$$\hat{\mu} = \sum_{j=1}^J \pi_j \bar{y}_j$$

for consistency with earlier sections and to avoid confusion in Exercise 13.6.

Page 454 (Section 13.3.2) This equation

$$n_k^* = n \frac{\pi_k n_k}{\sum_{j=1}^n \pi_j n_j}.$$

should be

$$n_k^* = n \frac{\pi_k \sigma_k}{\sum_{j=1}^n \pi_j \sigma_j}.$$

Problem Solutions

4.17 (a) $N(15 - 2 \cdot 4, 3^2 + (-2)^2 2^2)$.

Thank you to readers, including Wesley Burr, for notifying us about these errors.