

## Errata (Sept 2024)

Page 225 (Section 7.7), in the second bullet,

$$1\mu_X$$

should be

$$1/\mu_X$$

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

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