

ERRATA and CLARIFICATIONS
Probability and Statistics with Applications
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In the table at the top of the page, the cell for $r=3$, $\Pr[\text{Type II error}]$, .2556 should be .2586.

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In Example 10.2-2, replace “a waiting time” with “an average waiting time”.

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In the table for Exercise 10-23, the total should be 1000, not 100.

Answers to Textbook Exercises

The following answers need to be changed:

- 1-3: The answers listed are for parts (b) and (c) rather than (a) and (b).
- 1-10 (e) should be 24
- 1-10 (i) should be 120
- 1-29 (b) should be .2697.
- 1-52: ${}_{44}C_{21}$ should be ${}_{45}C_{21}$.
- 2-43(c) should be .25.
- 2-58 (e) should be .9284.
- 3-9 should be .35.
- 3-17 (c) should be 48,250.
- 3-26 should be 110.55
- Chapter 3 Exam, number 1 (c) should be 2.
- Chapter 3 Exam, 1(d) is 1.46.
- 4-7 (a) should be .17.
- 4-18: $\Pr[X>2]$ should be .7682, not .2318.
- 4-19: Standard deviation should be 1.9365, not 3.75.
- 4-28: $E[D]$ should be .25, not 2.5.
- 4-46 should be .1445.
- 4-50: .992 should be 1.006.
- 5-15: There is no numerical answer to part (c).
- Chapter 5 Exam, number 1 (c) should be .245.
- Chapter 5 Exam, number 12 (b) should be 64.

- 6-37 (c) should be 763.
- 7-6 (d) should be .5544.
- 7-45 should be .866.
- 7-53 (b) should be .5.
- 7-60 should be C.
- Chapter 7 Exam, number 1 should be $\frac{1}{2}$.
- 8-26: delete parts (c) and (d).
- Listed answers to 9-13, 9-14, and 9-15 are actually the answers to 9-14, 9-15, and 9-16.
- 9-26 should be 278.
- 10-16 should be to reject the null hypothesis and accept Lori's claim.