Statistical Computing with R 2nd ed. Errata

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Corrections

- Example 6.7, last displayed equation, rightmost paren. expression should be squared. (The numerical answers following are correct.)

- Example 6.7, page 160, line (-4): $100(1 - 0.003940175/0.2429355) = 98.3781\%$.

- Exercise 6.11, $\hat{\theta}_c$ on lines 3 and 5: $\hat{\theta}_c = c\hat{\theta}_1 + (1 - c)\hat{\theta}_2$.

- Page 172, third displayed equation. The expression on right is $Var(g(X)) = nVar(\hat{\theta})$.

- Exercise 8.1: In the second edition, it should be Exercise 9.1 (or 9.0).

- Example 9.9, page 258 code lines 4, 5:

  ```
  ystar <- dat$yhat + dat$r[i]
  xstar <- dat$x
  ```

- Example 9.10, page 261: Insert the line `theta.hat <- boot.out$t0` before the last line of code.

- Example 9.11: code on page 262

  ```
  n <- NROW(patch)
  J <- numeric(n)
  b.freq <- boot.array(boot.out)
  theta.b <- boot.out$t
  ```

- Equation (10.4): the upper limit on the sum is $\binom{N}{n}$, in (10.4) and also on the last line of page 266.

- Exercise 10.5: Exercise 10.10.4 should be Exercise 10.4.

- Last line of Section 12.1.2: For the ggplot version, "geom_frepoly" should be "geom_freqpoly".

Remarks

- The simulation reported in Table 10.1 applied function `nn` in package knnFinder to search for nearest neighbors. Package knnFinder is no longer available. The results for the $T_{n,3}$ test may differ somewhat from the table because the $T_{n,3}$ test is now implemented with different software, function `ann` in package yaImpute.

- Exercise 10.2: Refers to the ranks within the pooled sample. Sort each sample before pooling. Note that if there are ties in the data, by default ranks of ties are averaged. Use `ties.method="random"` to avoid this problem. See Anderson [15].