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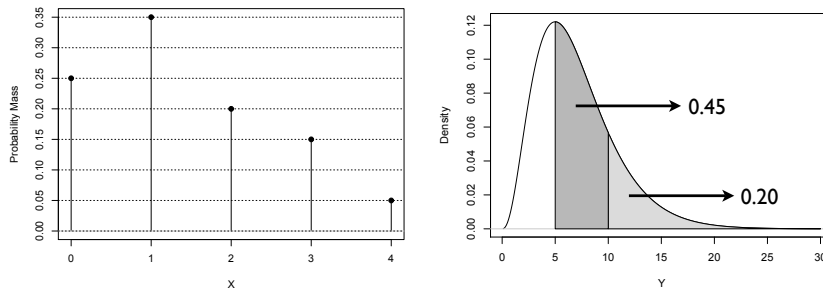
# Biostatistics with R

## ERRATA

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- Page 22, gray area, “of” should be removed from “For a categorical variable, the mode of ...”.
- Page 35, last paragraph, “ignore the sings ...” should be “ignore the signs ...”.
- Page 44, Section 2.5.4, the bodyfat dataset is discussed in Section 3.2, page 61.
- Page 48, last paragraph, “the scale of bwt ...” should be “the scale of bwt ...”.
- Page 57, Exercise 1, "Compare the two histograms" should be "Compare the two variables".
- Page 88, second paragraph,  $HM=\{AA, aa\}$  is the homozygous event.
- Page 91, middle of the page, “The intersection of the *heterozygous* event and the no-disease event ...” should be “The intersection of the *homozygous* event and the no-disease event ...”.
- Page 148, Exercise 1, the question should be “What would be the most appropriate family of probability distributions (e.g., Bernoulli, Binomial, ...), for each of the ...”.
- Page 148, Exercise 2, the left plot is wrong. The correct plots are shown here.



- Page 148, Exercise 3-b, “each” should be replaced by “the”.
- Page 148, Exercise 4-b, “each” should be replaced by “the”.
- Page 157, Fig. 6.2, the distribution of  $X$  is  $N(125, 15^2)$ .
- Page 162, the 80% confidence interval should be  $[121.08, 124.92]$  instead of  $[122.8, 123.2]$ .
- Page 163, Section 6.6, the title should be “Using Central Limit Theorem to Find Confidence Intervals”.
- Page 166, last paragraph, “The 95% CI is then” should be replaced by “The confidence interval is then obtained as follows:”.
- Page 170, first paragraph after the gray area, “We want the population mean)” should be removed.
- Page 184, gray area, remove “is” from “the alternative hypothesis is”.
- Page 187, second paragraph, the variance of  $\bar{X}|H_0$  should be  $\mu_0(1 - \mu_0)/n$ ;  $n$  is missing from the denominator.

- Page 190, Exercise 1, “the sample variance is  $s = 32$ ” should be “the sample standard deviation is  $s = 32$ ”.
- Page 190, Exercise 1, “0.1 confidence level” should be “0.1 significance level”.
- Page 211, third paragraph,  $z = p_{12}/SE_{12}$ ; the bar sign should be removed.
- Page 234, Exercise 5, “The variable `Data`”, should be “The variable `Date`”.
- Page 263, gray area, remove “the” from “first calculate the”.
- Page 289, Exercise 1-d, “equal to sample correlation coefficient” should be “equal to squared sample correlation coefficient”.