Errata for *Discrete Data Analysis with R*

January 29, 2020

- Following Eqn (3.4) on p. 83, the last line of the paragraph should read:

  The binomial coefficient ... gives the number of ways to choose the k **failures** from the remaining $n - k + 1$ trials ...

- At the top of p. 84 in the first paragraph, the line should read:

  using 'dnbinom()' with calls 'dnbinom(k, n, p)' or 'dnbinom(k, n, mu=)' as illustrated below

- On the second line after Section 3.5 on p. 100, the texts should read:

  It plots a quantity called the **count metameter** against k, designed ...

- In Table 3.12 on p. 103, there is a superfluous ")" in the header line "Count)"

- Page 117: "it is harder to compare **across** groups ...

- In footnote 18 on p. 105: The 'rmutil' package is now available on CRAN, https://cran.r-project.org/package=rmutil

- The equation for the zero-truncated Poisson distribution given in Exercise 3.12 (a) has an extra ")" on the right-hand side. It should read:

$$\Pr\{X = k \mid k > 0\} = \frac{1}{1 - e^{-\lambda}} \times \frac{e^{-\lambda}\,\lambda^k}{k!} \qquad k = 1, 2, \ldots$$

- There are typos in the code chunk in Exercise 7.2 on p. 320 (lame should be lname). This should read

```r
data("Donner", package="vcdExtra")
Donner$survived <-factor(Donner$survived, labels=c("no", "yes"))
# use last name for family
lname <-strsplit(rownames(Donner), ",")
lname <-sapply(lname, function(x) x[[1]])
Donner$family.size <-as.vector(table(lname)[lname])
```